# PHASE I ENVIRONMENTAL SITE ASSESSMENT

# SOUTHVIEW GOLF COURSE 16001 SOUTH OUTER ROAD BELTON, CASS COUNTY, MISSOURI

Project No. 02077785 Report Date: June 29, 2007



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# SOUTHVIEW GOLF COURSE 16001 SOUTH OUTER ROAD BELTON, CASS COUNTY, MISSOURI

Project No. 02077785 Report Date: June 29, 2007

Prepared for:

ALLEN KIPPER & MIKE HALES Kansas City, Missouri

Prepared by:

Terracon Lenexa, Kansas





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Mailing Address: PO Box 12069 Kansas City, Missouri 64152

Telephone: 816-550-8406 Facsimile: 816-505-1070

Re: Phase I Environmental Site Assessment

Southview Golf Course 16001 South Outer Road

Belton, Cass County, Missouri 64012

Project No. 02077785

Dear Mr. Kipper:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with our proposal dated June 12, 2007.

We appreciate the opportunity to perform these services for you. Please contact us if you have questions regarding this information or if we can provide any other services.

Sincerely,

Terracon Consultants, Inc.

Ashley D. Eickhoff

Environmental Scientist

Tracie A. Ragland

Tig. Leady

Environmental Project Manager

Eric J. Gorman, CHMM, P.G. Assistant Department Manager

Environmental Services

Attachments

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## COMMON ACRONYMS 1

sq ft or ft4.	square feet
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ug/l	micrograms per liter
ppb	parts per billion
ppm	parts per million

<sup>&</sup>lt;sup>1</sup> A complete list of acronyms and definitions is included in Appendix B.

# PHASE I ENVIRONMENTAL SITE ASSESSMENT SOUTHVIEW GOLF COURSE 16001 SOUTH OUTER ROAD BELTON, CASS COUNTY, MISSOURI

Project No. 02077785 Report Issuance Date: June 29, 2007

#### **EXECUTIVE SUMMARY**

This Phase I ESA was performed in accordance with our proposal dated June 12, 2007, and was conducted consistent with the procedures included in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The ESA was conducted under the supervision or responsible charge of Eric J. Gorman, CHMM, P.G., Environmental Professional. Ashley D. Eickhoff performed the site reconnaissance on June 19, 2007.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

• The site is located at 16001 South Outer Road in Belton, Cass County, Missouri. The site is an approximate 148-acre tract of land that has been improved with an 18-hole golf course with a clubhouse, a maintenance building, a shed, a parking lot, two pump houses, and four ponds.

The following RECs were identified during the site reconnaissance:

- A gravel-covered drive and parking area was observed south of the maintenance building, south of a concrete slab. According to Mr. Bob Girth, maintenance supervisor and Mr. Vic Sirna, President and General Manager, there was a large gravel pit in this location. Apparently, the soil was removed and replaced with approximately 15 tons of gravel. Mr. Girth indicated the maintenance building floor drains, the trench drain, and water from the equipment wash area on the concrete slab would discharge into the gravel pit. This gravel pit represents a REC to the site at this time since it is unknown what substances may have discharged from the floor drains, trench drain, and the equipment wash area into the gravel pit.
- Stained soil was observed in the south portion of the shed during the site reconnaissance. Most of the ground was obstructed by stored equipment and Terracon was unable to completely view the ground to determine the extent of the staining.

Additionally, stained pavement was observed associated with the shed. Cracks were observed in the foundation of the shed, directly where used oil was stored and staining was observed. The staining associated with the shed represents a REC to the site based on the unknown former housekeeping and management practices and the long-term multipurpose use including storing chemicals and equipment.



Additionally, Terracon was provided with information from Mr. Girth and Mr. Sirna that two water wells are present on the site. Reportedly, these two water wells have been covered with soil and are below the ground surface. Mr. Girth indicated one well is located about 6 feet below the ground surface underneath the putting green. The other water well is located about 4 feet below the ground surface approximately 30 feet southeast of the southeast pump house building. Mr. Sirna and Mr. Girth were not able to provide additional information regarding the water wells including if they were abandoned or closed in place. Based on information provided by Mr. Sirna and Mr. Girth, these water wells do not appear to represent a REC to the site at this time.

• Based on review of the historical information, the site appears to have been vacant land with a couple of residential-type structures near the west-central property boundary, with an access road going south from the structures to East 162<sup>nd</sup> Street in 1953. By 1967, the site was developed as a golf course with a clubhouse, shed, two ponds, and two pump houses. Two additional ponds were constructed by 1985. The original clubhouse was demolished and replaced with a new clubhouse (on the same foundation) in 1989. The current-day shed is the original shed that was used as the multipurpose building storing equipment and chemicals prior to the current-day maintenance building. The current-day maintenance building was constructed about seven years ago with a gravel pit south of the building.

Mr. Vic Sirna, President and General Manager indicated former gravity fed ASTs were located in an area north of the shed and south of the current-day cart wash area. Based on the unknown former housekeeping and management practices, the former gravity fed ASTs and the shed (long-term multipurpose use including storing chemicals and equipment) appear to represent a REC to the site at this time.

- The current-day adjoining properties were observed to be the following: vacant land with some residential to the north; residential to the east; East 162nd Street followed by vacant land and Open Door Bible Church to the south; and South Outer Road and US Highway 71 followed by residential to the west. Based on observations of the adjoining properties, the properties listed above do not appear to represent a REC to the site at this time.
- The regulatory review identified one EPA CERLIS-NFRAP facility and one MDNR LUST facility within the search radii of the site. Based on regulatory status, distance from the site, and apparent topographic position relative to the site, the listed facilities do not represent a REC to the site.

#### Recommendations

If the client would like additional assurance with respect to the potential impact from possible releases from the historic ASTs, the multi-purpose use of the shed, and the gravel pit, Terracon recommends subsurface investigation.

Additionally, Terracon recommends better housekeeping practices regarding the maintenance operations at the site and removing excess waste, oils, and pesticides that are no longer used.

# **EXECUTIVE SUMMARY (cont.)**



If the water wells are no longer going to be used and/or they are encountered during future grading operations, Terracon recommends the water wells be properly closed and abandoned according to the state standards if they have not previously been closed and abandoned.

# PHASE I ENVIRONMENTAL SITE ASSESSMENT SOUTHVIEW GOLF COURSE 16001 SOUTH OUTER ROAD BELTON, CASS COUNTY, MISSOURI

Project No. 02077785 Report Issuance Date: June 29, 2007

#### 1.0 INTRODUCTION

## 1.1 Site Description

## Site Description

Site Name	Southview Golf Course		
Site Location/Address	16001 South Outer Road, Belton, Cass County, Missouri		
Land Area	Approximately 148 acres		
Site Improvements	An 18-hole golf course with a clubhouse, a maintenance building, a shed, a parking lot, two pump houses, and four ponds.		

The site location is depicted on Figure 1 of Appendix A, which was reproduced from a portion of the USGS 7.5 minute series topographic map. A Site Diagram of the site and adjoining properties is included as Figure 2 of Appendix A. Acronyms and terms used in this report are described in Appendix B.

## 1.2 Scope of Services

This Phase I ESA was performed in accordance with our proposal dated June 12, 2007, and was conducted consistent with the procedures included in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, user-provided information, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant gaps (if identified) are evident from reviewing the applicable scope of services and the report text.

#### 1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. When appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive and cannot eliminate the potential that hazardous, toxic, or petroleum substances are



present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated - but not eliminated - through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

## 1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, business environmental risk evaluations, or other services not particularly identified and discussed herein. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Consideration of such information is beyond the scope of this assessment. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request.
- Pertinent documents are referred to in the text of this report, and a separate reference section has not been included.
- Specific property boundaries for the site were not staked at the time of the site visit. References to the site property boundaries are based on observations during the site reconnaissance, and the actual site property boundaries may differ.
- Due to dense vegetation, the northeastern corner of the site could not be accessed and surface conditions could not be observed.
- A couple of the storage rooms in the clubhouse were locked at the time of the site reconnaissance.
- Due to storage items in the shed and maintenance building, a complete view of the floor surface could not be observed.
- Historical information back to 1940 was not readily available for review. Readily-ascertainable historical information for the subject site was reviewed back to 1953.

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an



alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

#### 1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Allen Kipper & Mike Hales. Use or reliance by any other party is prohibited without the written authorization of Allen Kipper & Mike Hales and Terracon.

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E 1527-05 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-05.

#### 1.6 Client Provided Information

Prior to the site visit, Mr. Allen Kipper, client's representative, provided the following information.

#### 1.6.1 Specialized Knowledge or Experience

Mr. Kipper was not aware of specialized knowledge or experience that is material to RECs in connection with the site.

#### 1.6.2 Actual Knowledge of Environmental Liens or AULs

Mr. Kipper did not have actual knowledge of environmental liens or AULs encumbering the site or in connection with the site.

#### 1.6.3 Reason for Significantly Lower Purchase Price

Mr. Kipper was not aware of a significantly lower purchase price because of the presence of hazardous substances or petroleum products.



# 1.6.4 Commonly Known or Reasonably Ascertainable Information

Mr. Kipper was not aware of commonly known or reasonably ascertainable information within the local community about the site that is material to RECs in connection with the site.

## 1.6.5 Indicators of Contamination at the Site

Mr. Kipper was not aware of obvious indicators that point to the presence or likely presence of contamination at the site.

# 2.0 PHYSICAL SETTING

## **Physical Setting**

PHYSICAL SETTING I	NFORMATION FOR SITE AND SURROUNDING AREA	SOURCE			
Topography (Refer to A	Topography (Refer to Appendix A for an excerpt of the Topographic Map)				
Site Elevation	Approximately 1030 to 1090 feet (NGVD)	The second secon			
Surface Runoff/ Topographic Gradient	Generally towards the east with some runoff towards the northwest corner of the site.	USGS Topographic Map, Belton, Missouri Quadrangle, 1991.			
Closest Surface Water	Two on-site ponds. Additionally, during the site reconnaissance, two additional ponds were observed.				
Soil Characteristics	AN MATERIAL PROPERTY OF THE PR	1			
Soil Type	Macksburg silt loam, Sharpsburg silty clay loam, Greenton silty clay loam, Sampsel silty clay loam, Polo silt loam, and Oska silty clay loam				
Description	The Macksburg silt loam is found on 2% to 5% slopes. In a typical profile the surface layer is very dark brown silt loam, and very dark grayish-brown very friable silt loam. The subsoil is grayish-brown, friable silty clay loam. These soils consist of poorly drained soils, and generally have moderately slow permeability.  The Sharpsburg silty clay loam is found on 2% to 5% slopes. In a typical profile, the surface layer is very dark grayish-brown, very friable silty clay loam. The subsoil is brown and dark yellowish-brown, firm silty clay loam, and dark yellowish-brown, mottled, firm silty clay loam. These soils generally have moderate permeability. Surface runoff is medium and available water capacity is high. The shrink-swell potential is moderate.  The Greenton silty clay loam is found on 5% to 9% slopes. In a typical profile, the surface layer is very dark grayish-brown, very friable silty clay loam. The upper part of the subsoil is very dark grayish-brown, friable silty clay loam. The middle part is dark brown, mottled, firm silty clay loam over dark brown, mottled, very firm silty clay and the lower part is reddish-brown, firm silty clay. These soils generally have slow permeability. Surface runoff is medium and available water capacity is moderate. The shrink-swell potential is high.	Cass County, Missouri USDA, Natural Resources Conservation Service Soil Survey issued May 1985.			



# Physical Setting (Cont'd)

PHYSICAL SETTING	NFORMATION FOR SITE AND SURROUNDING AREA	SOURCE			
	Soil Characteristics (cont.)				
	The Sampsel silty clay loam is found on 2% to 5% slopes. In a typical profile, the surface layer is black, very friable silty clay loam. The upper subsoil is very dark gray and dark gray, mottled, friable and firm silty clay loam; the middle subsoil is mottled dark grayish-brown, dark gray and dark brown firm silty clay; and the lower subsoil is mottled, yellowish-brown and grayish-brown firm silty clay. These soils generally have slow permeability. Surface runoff is generally medium in cultivated areas and available water capacity is moderate. The shrink-swell potential is generally high.				
Description (cont.)	The Polo silt loam is found on 2% to 5% slopes. In a typical profile the surface layer is very dark grayish-brown, very friable silt loam. The subsoil is dark brown and brown, friable silty clay loam. These soils generally have moderate permeability. Surface runoff is generally medium and available water capacity is high. The shrink-swell potential is generally moderate in the subsoil.	Cass County, Missouri USDA, Natural Resources Conservation Service Soil Survey issued May 1985.			
	The Oska silty clay loam is found on 5% to 9% slopes. In a typical profile, the surface layer is dark brown, friable silty clay loam. The subsoil is dark reddishbrown, friable silty clay loam, dark reddishbrown, firm silty clay loam, and reddishbrown, firm silty clay. These soils generally have slow permeability. Surface runoff is medium and available water capacity is moderate. The shrink-swell potential is high.				



## Physical Setting (Cont'd)

PHYSICAL SETTING	INFORMATION FOR SITE AND SURROUNDING AREA	SOURCE	
Geology/Hydrogeolo	gy		
Formation	Swope Formation		
Description	In Cass County, and the general region, the bedrock is typically limestone and occasionally shale. Regionally, the Kansas City Group of the Missourian Series comprise the bedrock that is encountered. The Kansas City Group is made up of alternating beds of competent limestone and shales.  The exposed bedrock over most of northwest Missouri is Paleozoic in age. The thickest and most systematically complete section of rocks is present within the confines of the Forest City Basin in northeast Kansas and northwestern Missouri. Regionally, the lithologic section is approximately 3,700 feet thick and contains rock formations of the Paleozoic System inclusive of the Pennsylvanian age rocks. The Cambrian to Mississippian basement rocks, which lie below the exposed Pennsylvanian rocks, are primarily carbonate with shale partings and an occasional sandstone. The sequence shows an increase in sandstones in the lower Pennsylvanian and then a return to carbonates, as are evidenced in the region by outcropping of pronounced limestone bluffs and ridges with occasional shale partings.  The Bethany Falls member of the Swope Formation (Kansas City Group) forms the cap rock of many of the topographic features. Outcrops of limestone/shale are spread throughout Cass County.	State of Missouri, Division of Geological Survey and Water Resources, Guide Book Field Trip Geology of the Kansas City Group at Kansas City, RI 31, November, 1965,  Geological Map of Missouri, Missouri Geological Survey, The University of Missouri, Map M-23, 1991,  and  Cass County, Missouri USDA, Natural Resources Conservation Service Soi Survey issued May, 1985	
Estimated Depth to First Occurrence of Ground water	irst Occurrence of Inere is no depth to groundwater available for the		
Primary Aquifer	Primary Aquifer Western Interior Plains Aquifer System		
Hydrogeologic Not known - may be inferred to be parallel to topographic gradient (primarily to the east with some runoff towards the northwest corner of the site.)			

<sup>\*</sup> The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

## 3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources for indications of RECs. A summary of the historical review is included in Section 3.11. Copies of selected historical documents are included in Appendix C.



## 3.1 Historical Topographic Maps

Readily available historical USGS topographic maps were reviewed to identify RECs in connection with the site. Reviewed historical topographic maps are summarized below.

- Belton, Missouri 1953 (1:24,000)
- Belton, Missouri 1953 photorevised in 1970 (1:24,000)
- Belton, Missouri 1953 photorevised in 1975 (1:24,000)
- Belton, Missouri 1991 (1:24,000)

## **Historical Topographic Maps**

Direction	Description				
Site	1953: Appears to be vacant land with a couple of structures near the west-central property boundary with an access road going south from the structures to East 162 <sup>nd</sup> Street; 1970, 1975, 1991: Identified as a golf course with two small structures (similar location as the current-day clubhouse), an access road to the clubhouse, and two ponds (similar location at the two ponds on the east portion of the site).				
	1953: Appears to be vacant land;				
North	1970, 1975: Appears to be vacant land and a residential structure followed by a street corresponding to East 155 <sup>th</sup> Street;				
	1991: Appears to be vacant land with a street followed by residential structures.				
	1953: Appears to be vacant land followed by a tributary;				
East	1970, 1975: Appears to be residential structures and street development with a tributary and				
	a small pond;				
	1991: Appears to be shaded to represent developed land*				
	1953: Appears to be a road corresponding to East 162 <sup>nd</sup> Street followed by vacant land and a tributary;				
South	1970, 1975: Appears to be East 162 <sup>nd</sup> Street followed by vacant land and a tributary and then US Highway 71;				
	1991: Appears to be similar to the 1975 map except there is a commercial structure depicted in the location of the current-day church.				
	1953: Appears to be an access road followed by vacant land with a tributary;				
West	1970, 1975: Appears to be a road corresponding to South Outer Road followed by US Highway 71 and then vacant land with a tributary;				
	1991: Appears to be similar to the 1975 map except there is shading* west of US Highway 71 and a tributary with a few ponds.				

<sup>\*</sup>Based on the color-coding of the topographic maps (shading), the site and surrounding areas appear to be included in a developed area. No structures are depicted on these maps in the area of the subject site or surrounding properties, however, this does not necessarily indicate that these areas were undeveloped as of the date on the maps. Street development, however, is depicted on these maps.

## 3.2 Historical Aerial Photographs

Selected historical aerial photographs from the Mid-America Regional Council (MARC), Missouri Department of Transportation (MODOT), TerraServer USA website USGS image, and the Missouri Spatial Data Information Service (MSDIS) website USDA aerial were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information



concerning the history of development on and near the site. Evaluation of these aerials may be limited by a photo's quality and scale. Selected photographs are summarized below.

- MARC, February 1967, 1 inch = 400 feet
- MODOT, May 1970, 1 inch = 2,000 feet
- MARC, April 1980, 1 inch = 400 feet
- MARC, March 1985, 1 inch = 400 feet
- MODOT, May 1993, 1 inch = 2,000 feet
- TerraServer, March 1997, 1 inch = 650 feet
- USDA aerial, 2006, scale varies

## Historical Aerial Photographs

Direction	Description		
Site	1967, 1970: Appears to be a golf course with two ponds, a building near the current-day clubhouse, a parking lot, a shed, two pump houses, and an access road to the parking lot from South Outer Road (shed and clubhouse in similar location as the current-day structures);  1980, 1985: Appears to be similar to the 1970 photograph except there is a shaded area (unknown usage) directly south of the parking lot;  1993, 1997: Appears to be similar to the 1985 photograph except there are two additional		
	ponds present on the south portion of the site;  2006: Appears to be similar to the 1997 photograph except the shaded area south of the parking lot is no longer depicted and the current-day maintenance building is now present.		
	1967, 1970: Appears to be vacant land with a few residential structures followed by a followed by a street corresponding to East 155 <sup>th</sup> Street;		
North	1980, 1985: Appears to be similar to the 1970 photograph except there are structures corresponding to storage buildings (at the southeast corner of South Outer Road and East 155 <sup>th</sup> Street);		
	1993, 1997, 2006: Appears to be similar to the 1985 photograph except there is grading with a commercial building corresponding to the concrete plant (directly east of the storage buildings).		
East	1967, 1970, 1980, 1985, 1993, 1997, 2006: Appears to be residential and street development (additional structures are present on each photograph) and a tributary.		
South			
\\\\+	1967, 1970, 1980, 1985: Appears to be a road corresponding to South Outer Road and then US Highway 71 followed by vacant land with a tributary;		
West	1993, 1997, 2006: Appears to be similar to the 1985 photograph except there is a trailer park instead of vacant land.		

Aerial photographs depicted a shaded area directly south of the parking lot and access drive on the site by at least 1980. The use of the shaded area could not be determined; however, by 1993 there was a clear path from the access drive south to the shaded area. The shaded area was depicted in the photographs until at least 1997.



Terracon asked Mr. Vic Sirna, President and General Manager for additional information regarding the former use of the shaded area. However, Mr. Sirna indicated that he could not recall what the shading was related to.

## 3.3 Historical City Directories

The Coles city directories used in this study were made available through the Johnson County Central Resource Library (selected years reviewed: 1962-2007) and were reviewed at approximate five-year intervals. Since these references are copyright protected, reproductions are not provided in this report. Street listings for the area of the site were not available prior to 1977. The current street address for the site was identified as 16001 South US Highway 71.

## **Historical City Directories**

Direction	Description
Site	16001 South US Highway 71: No listings (1977); Southview Golf Club or not listed (1972-2007).
North	None searched; aerial photographs indicated the north-adjoining property was generally vacant land with a few residential structures north of the northwest corner of the site.
East	None searched, aerial photographs indicated the east-adjoining property has mostly been residential
South	<b>16211 South US Highway 71:</b> No listings (1977-1987); Open Door Bible Church, Blue Ridge Bible Church (1992-2007).
West	No addresses identified, west-adjoining property is US Highway 71.

## 3.4 Historical Fire Insurance Maps

Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources, Inc. (EDR) to evaluate past uses and relevant characteristics of the site and adjoining properties.

Based upon inquiries to the above-listed Sanborn provider, Sanborn Maps were not available for the site area in their collection. The "No Coverage" letter is included in Appendix C.

#### 3.5 Ownership/Property Tax File Information

At the direction of the client, a title search was not included as part of the scope of services. However, the client provided the following to Terracon for review: Commitment for Title Insurance prepared by Chicago Title Insurance Company, Report of Commissioners, easement deeds, and other records filed in the Cass County Recorders office.

Schedule A in the Commitment for Title Insurance listed the ownership as Southview Golf Club, Inc. Other records were reviewed back until 1953. A copy of the Commitment for Title Insurance and other records provided to Terracon are provided in Appendix C.



## 3.6 Environmental Liens/Activity and Use Limitations

Environmental lien records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

However, the client provided the following to Terracon for review: Commitment for Title Insurance prepared by Chicago Title Insurance Company, Report of Commissioners, easement deeds, and other records filed in the Cass County Recorders office. Indications of environmental liens or AULs were not noted within the information provided by the client. A copy of the Commitment for Title Insurance and other records provided to Terracon are provided in Appendix C.

## 3.7 Building Department Records

The Belton Inspections Department was contacted by email on June 18, 2007 regarding environmental and building records for the site. Mr. Chris Moretina responded by indicating they had records for two permits in 2000. One permit was for a 6,000 square foot garage and the other permit was an electrical permit. Mr. Moretina also suggested contacting Fire Prevention Officer Webb for additional information. Information provided by Fire Prevention Officer Webb is provided in Section 4.2.2.

## 3.8 Zoning/Land Use Records

According to Ms. Ann Keeton, Community Planning and Development Secretary, the site is currently zoned as A, agricultural.

#### 3.9 Historical Interviews

The following individuals were interviewed regarding historical use of the site.

#### Interviewees

Interviewer	Interviewee	Title	Date	Time associated with the site
Ashley D. Eickhoff	Mr. Vic Sirna	President and General Manager	June 21, 2007	Since 1969
Ashley D. Eickhoff	Mr. Bob Girth	Maintenance Supervisor	June 19, 2007	7 years
Ashley D. Eickhoff	Mr. Steve Crawford	Clubhouse Manager	June 19, 2007	10 years
Ashley D. Eickhoff	Mr. Nick Ventola	Site Realtor	June 19, 2007	6 months

Terracon interviewed Mr. Sirna and Mr. Girth for historical information regarding the site. The site has been used as a golf course since the late 1950's or early 1960's. The original clubhouse was demolished and replaced with a new clubhouse (on the same foundation) in 1989. The current-day shed is the original shed that was used as the multipurpose building storing equipment and chemicals prior to the current-day maintenance building. The current-day maintenance building was constructed about seven years ago with a gravel pit south of the building.



According to Mr. Girth the current-day ASTs have been located south of the maintenance building for approximately three years. Mr. Girth indicated prior to the current-day ASTs, there were two former ASTs in the same location for approximately three years. Prior to the former ASTs south of the maintenance building, Mr. Sirna and Mr. Girth indicated there were former gravity fed ASTs located north of the shed and south of the current-day cart wash area.

Based on the unknown former housekeeping and management practices, the former gravity fed ASTs and the shed appear to represent a REC at this time. Additionally, the gravel pit represents a REC and is discussed in Section 5.3.1.

Mr. Sirna and Mr. Girth were not aware of pipelines, landfills, releases of hazardous materials and/or petroleum products, USTs, violations of environmental laws, environmental liens, or any environmental concerns associated with the site.

Additionally, Mr. Sirna was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability in connection with the site.

#### 3.10 Prior Report Review

Previous environmental reports, permits and registrations, or geotechnical reports for the site were not provided by the client to Terracon for review.

## 3.11 Historical Use Information Summary

Based on review of the historical information, the site appears to have been vacant land with a couple of residential-type structures near the west-central property boundary with an access road going south from the structures to East 162<sup>nd</sup> Street in 1953. By 1967, the site was developed as a golf course with a clubhouse, shed, two ponds, and two pump houses. Two additional ponds were constructed by 1985. The original clubhouse was demolished and replaced with a new clubhouse (on the same foundation) in 1989. The current-day shed is the original shed that was used as the multipurpose building storing equipment and chemicals prior to the current-day maintenance building. The current-day maintenance building was constructed about seven years ago with a gravel pit south of the building.

Mr. Vic Sirna, President and General Manager indicated former gravity fed ASTs were located in an area north of the shed and south of the current-day cart wash area. Based on the unknown former housekeeping and management practices, the former gravity fed ASTs and the shed (long-term multipurpose use including storing chemicals and equipment) appear to represent a REC to the site at this time.

### 4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.



In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

#### 4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

#### Federal and State Databases

<u>Database</u>	<u>Description</u>	Radius (miles)	<u>Facilities</u>			
Federal						
NPL	The NPL is the USEPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1.0	0			
NPL (Delisted)	The NPL Delisted refers to facilities that have been removed from the NPL.	0.5	0			
CERCLIS / NFRAP	The CERCLIS database is a compilation of facilities which the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980. NFRAP refers to facilities that have been removed and archived from its inventory of CERCLA sites.	0.5	1			
RCRA CORRACTS/ TSD	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1.0	0			
RCRA Non- CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	. 0			
RCRA Generators	The RCRA Generators database, maintained by the USEPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large, small, or conditionally exempt. LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	0.25	0			



## Federal and State Databases (Cont'd)

<u>Database</u>	<u>Description</u>	Radius (miles)	Facilities				
Federal							
IC / EC	A listing of sites with engineering and/or institutional controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.	Site	0				
ERNS	The ERNS is a listing compiled by the USEPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0				
	State	Automorphism (Control of Control					
SHWS	The Missouri Department of Natural Resources (MDNR) maintains a database of state equivalent CERCLIS facilities (State Hazardous Waste Sites) in the State of Missouri.	0.5	0				
SWF/LF	The MDNR maintains a database maintains a database of Solid Waste Facilities (LF) located within Missouri. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0				
LUST	The MDNR provides a computer generated database of the Leaking Underground Storage Tanks in the State of Missouri.	0.5	1				
UST	The MDNR has compiled a database of registered Underground Storage Tanks in the State of Missouri which may include the owner and location of the USTs.	0.1	0				
AUL	Activity and use limitations include both engineering controls and institutional controls.	Site	0				
VCP	Facilities participating in the MDNR Voluntary Cleanup Program.	0.5	0				
Brownfields	The MDNR provides a listing of Brownfields site in the State of Missouri.	0.5	0				

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities may follow the summary table.

## **Listed Facilities**

Facility Name and Location	Estimated Distance/Direction/Gradient	Database Listings
Abandoned Drum Site 1016 N Scott	Approximately 0.38 miles / west, southwest / down-gradient	CERCLIS-NFRAP
Joe's Service Center Inc 1008 N Scott	Approximately 0.38 miles / west, southwest / down-gradient	LUST



The listing facilities do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and relative distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 36 facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site. These facilities are listed in the database report in Appendix D.

## 4.2 Local Agency Inquiries

#### 4.2.1 State Regional Office

The MDNR Kansas City Regional Office was contacted by e-mail regarding environmental records or information indicating environmental concerns for the site. Mr. Karl Fett, Director of the Kansas City Regional Office, responded in an email dated June 22, 2007 stating there are no records on file within the Kansas City Regional Office for that facility.

#### 4.2.2 Fire Department

The Belton Fire Department was contacted by facsimile regarding environmental records or information indicating environmental concerns for the site. Assistant Fire Chief and Fire Prevention Officer Jason Webb responded by email on June 18, 2007. Fire Prevention Officer Webb stated the following: "Per your request, I have reviewed our records regarding the above-mentioned property. Our searchable records only go back to 2000. Since that time, we have no record of any responses other than EMS or automatic fire alarms. My office did, however, consult with them some time ago (3-5 years) regarding the storage of flammable and combustible liquids. As far as I know, they have maintained above-ground storage tanks at that location since that consultation. I am unaware of any spills or leaks arising from that storage."

#### 4.2.3 Building Permit/Inspection Department

The Belton Inspections Department was contacted by email on June 18, 2007 regarding environmental and building records for the site. Mr. Chris Moretina responded by indicating they had records for two permits in 2000. One permit was for a 6,000 square foot garage and the other permit was an electrical permit. Mr. Moretina also suggested contacting Fire Prevention Officer Webb for additional information. Information provided by Fire Prevention Officer Webb is provided in Section 4.2.2.

#### 4.3 Records Review Summary

The regulatory review identified one EPA CERLIS-NFRAP facility and one MDNR LUST facility within the search radii of the site. Based on regulatory status, distance from the site, and apparent topographic position relative to the site, the listed facilities do not represent a REC to the site.



## 5.0 SITE RECONNAISSANCE

#### 5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Figure 2 in Appendix A is a Site Diagram of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix E. Credentials of the individuals planning and conducting the site visit are included in Appendix F.

#### General Site Information

Site Reconnaissance		
Field Personnel	Ashley D. Eickhoff	
Reconnaissance Date	June 19, 2007	
Weather Conditions	Clear and Warm	
Site Contact/Title	Mr. Bob Girth/maintenance supervisor, Mr. Nick Ventola/site realtor	
Site Description		
Site Name	Southview Golf Course	
Site Location/Address	16001 South Outer Road, Belton, Cass County, Missouri	
Adjoining Streets	East 162nd Street to the south and South Outer Road to the west	
Land Area	Approximately 148 acres	
Land Area Description Commercial		
Other Site Improvements	An 18-hole golf course with a clubhouse, a maintenance building, a shed, a parking lot, two pump houses, and four ponds.	
Zoning	A (Agricultural)	
Site Topographic Relief	Generally towards the east with some runoff towards the northwest corner of the site.	
Site Utilities		
Electricity	Westar Energy ·	
Drinking Water	Belton Water Department	
Wastewater	None, on-site septic systems	
Natural Gas	Missouri Gas Energy and on-site propane	

## 5.2 General Description of Site Occupants and Operations

The site is located at 16001 South Outer Road in Belton, Cass County, Missouri. The site is an approximate 148-acre tract of land that has been improved with an 18-hole golf course with a clubhouse, a maintenance building, a shed, a parking lot, two pump houses, and four ponds.



The following is a description of the on-site improvements:

- The clubhouse consists of a pro shop, offices, kitchen, dining area, restaurant, lockers, and general storage. A parking lot was located south of the clubhouse.
- The maintenance building, located directly south of the shed, consisted of two parts, a large storage and multi-use area in the north portion of the building and a smaller maintenance shop area in the south portion of the building. Various equipment including vehicles, pipes, and other random parts were stored outside the southwest corner of the maintenance building.
- An old shed, referred to within this report as 'shed', was observed south of the main parking lot, along the west portion of the site. This shed was divided into three sections. At the time of the site reconnaissance, this shed was used for storage. The north and central section of the shed was constructed with a concrete floor and the south portion had a dirt floor.
- An asphalt parking lot was observed directly south of the clubhouse building.
- Two pump houses were observed near the eastern two ponds. One pump house was located on the west side of the northeast pond. The north portion of the pump house building was observed to be an empty storage area (historically used as general storage) and the south portion of the building was the location of the pump equipment. According to Mr. Bob Girth, Maintenance Supervisor, this was the main pump house for the irrigation system and would use water out of the pond. The other pump house was located on the southwest corner of the southeast pond and was the backup pump house for the irrigation system, which would also use water out of the pond.
- Four ponds were observed and are discussed in Section 5.3.

## 5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

## Site Characteristics

Category	Item or Feature	Observed
	Emergency generators	
	Elevators	
Site Operations,	Air compressors	X
Processes, and	Hydraulic lifts	X
Equipment	Dry cleaning	
	Photo processing	
	Other processes or equipment	X
Aboversund	Aboveground storage tanks	X
Aboveground Chemical or Waste	Drums, barrels and/or containers ≥ 5 gallons	X
Storage	Cleaning and/or similar supplies	X
	MSDS	



## Site Characteristics (Cont'd)

Category	Item or Feature	Observed
	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells, or other	
Underground	systems	X
Chemical or Waste	Grease traps	
Storage, Drainage or	Septic tanks and/or leach fields	Χ
Collection Systems	Oil/water separators	
	Pipeline markers	
	Interior floor drains	X
Electrical	Pad or pole mounted transformers and/or capacitors	Χ
Transformers/ PCBs	Other equipment	***************************************
	Stressed vegetation	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Stained soil	X
	Stained pavement or similar surface	X
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
Releases or Potential	Construction/demolition debris and/or dumped fill dirt	
Releases	Surface water discoloration, odor, sheen, and/or free floating product	
:	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment	
	systems	
Other Notable Site	Surface water bodies	X
Features	Quarries or pits	
	Wells	Χ

#### 5.3.1 Observations

## Site Operations, Processes, and Equipment

#### Air compressors

One air compressor was observed in the southeast corner of the north portion of the maintenance building. No evidence of surficial staining or releases was observed in the vicinity of the air compressor at the time of the visual reconnaissance. Based on observations, this air compressor does not appear to represent a REC to the site at this time.

#### Hydraulic lifts

Terracon observed one above-grade hydraulic lift in the maintenance area of the maintenance building. No evidence of surficial staining or releases was observed in the vicinity of the hydraulic lift at the time of the visual reconnaissance. Based on observations, this above-grade lift does not appear to represent a REC to the site at this time.

## Other processes or equipment

Terracon observed the following processes or equipment associated with the site:



- A parts washer was observed in the maintenance area of the maintenance building.
  Mr. Girth indicated this parts washer was minimally used and Safety Kleen maintains
  it on average once every two years. Evidence of a release was not observed
  associated with the parts washer during the site reconnaissance.
- A pesticide storage room was located in the northwest corner of the maintenance building. Minor staining was observed on the shelves and floor in the pesticide room. The staining appeared to be of de minimis status. The pesticide storage room was not equipped with secondary containment.

According to Mr. Girth, the pesticide storage room was constructed about three years ago and the pesticides have been stored in that room since that time. Mr. Girth stated the pesticide containers stored on the shelves were currently being used and the containers on the floor have not been used for seven years. He stated those containers were left from the previous maintenance supervisor and Mr. Girth has not removed them. Reportedly, prior to the pesticide storage room, pesticides were stored in the south portion of the maintenance building.

- Dry fertilizer was observed stored in the north portion of the maintenance building and the north portion of the shed. Mr. Girth indicated limited quantities were stored on-site and typically were only stored for a short amount of time, until they could be applied to the golf course. Indications of a release from the dry fertilizer were not observed during the site reconnaissance.
- Mr. Girth indicated there was a fleet of approximately 60-70 golf carts on the site.
   According to Mr. Girth, these golf carts were fueled by gasoline. The golf carts were stored outside the clubhouse at the time of the site reconnaissance.
- A golf cart wash area was observed between the parking lot and the shed. The wash area consisted of a concrete slab and a water source. According to Mr. Girth, the wash water would discharge into the grass surrounding the concrete slab.
- An equipment wash was observed on the concrete slab, adjoining the south bay door
  of the maintenance building. Mr. Girth indicated mowers and other equipment would
  be washed in this location. The excess water would go into the trench drain or drain
  off the concrete slab into the gravel pit. The trench drain and gravel pit are
  discussed further below in this Section.

The above discussed items do not appear to represent a REC to the site with the exception of the gravel pit, which is discussed further below in this Section.

## **Aboveground Chemical or Waste Storage**

Evidence of aboveground storage tanks

The following two ASTs were observed south of the maintenance building during the site reconnaissance.

- One 1,000-gallon AST containing gasoline.
- One 500-gallon AST containing diesel.



The ASTs were observed equipped with secondary containment. Evidence of a release was not observed during the site reconnaissance.

According to Mr. Girth the current-day ASTs have been located south of the maintenance building for approximately three years. Mr. Vic Sirna, President and General Manager and Mr. Girth are not aware of any spills or releases associated with the former or current-day ASTs. Based on observations, the current-day ASTs do not appear to represent a REC to the site at this time.

One AST was observed on a sprayer that was associated with the application of pesticides and the "water-wetter solution".

Additionally, four 55-gallon ASTs were observed associated with a 'water-wetter solution' application. Mr. Girth stated this solution would be put into the sprayer tank and it would be applied to the golf course to loosen up the soil.

Based on observations of the ASTs, the current-day ASTs do not appear to represent a REC to the site at this time.

#### Drums, barrels and/or containers >= 5 gallons

The following containers were observed during the site reconnaissance:

- Multiple open-top 55-gallon drums used as storage or trash containers. These drums were observed inside and around the maintenance building and shed and across the site.
- A full unlabeled 55-gallon drum on the east side of the shed, near stained pavement. According to Mr. Girth, this drum contained water.
- One unlabeled 55-gallon drum inside the north portion of the shed. Mr. Girth stated
  this drum contained used oil and the area was one of the typical used oil drum
  storage areas. Staining was observed on the pavement beneath and around this
  drum. Additionally, cracks were observed in the foundation, beneath the stained
  area.
- Multiple 1-gallon to 2.5-gallon gasoline containers stored in the maintenance building.
- Five unlabeled 55-gallon drums in the north portion of the maintenance building, near the southeast bay door. Mr. Girth stated these drums contained used oil and the area was one of the typical used oil drum storage areas. Staining was observed on the pavement and beneath around these drums.
- One 55-gallon drum containing new oil directly south of the east bay door in the south portion of the maintenance building. Staining was observed on the concrete beneath the drum.
- Three 5-gallon containers of hydraulic oil were observed next to the new oil 55-gallon drum. Staining was observed on the concrete beneath the drum.
- Multiple containers ≤2.5-gallons of various pesticides were observed in the pesticide storage room. Minor staining was observed on the shelf and floor within the room.
- One 10-gallon container of Banner Maxx was observed in the pesticide room.
- One 55-gallon drum of car wash fluid was observed in the south portion of the maintenance building.



The drums and containers observed did not have secondary containment. Evidence of staining was observed on the foundation beneath a few of the drums. The staining is further discussed below in this Section.

According to Mr. Girth, the empty pesticide containers would be rinsed and the rinse water would be inserted directly into the sprayer to be applied on the golf course. Additionally, Mr. Girth indicated used oil would be removed approximately every two years or as needed. Mr. Girth indicated the used oil would be removed by a company that would provide the lowest bid and he did not have a specific company he used.

The containers and drums do not appear to represent a REC to the site at this time. However, the staining associated with the shed does represent a REC and is further discussed below in this Section.

#### Cleaning and/or similar supplies

The on-site tenants generally store and use small quantities of typical household cleaning supplies (soaps, disinfectants, deodorizers, all-purpose cleaners, etc.), normally stored in the clubhouse. The chemical products were not observed in their original sealed and labeled containers, and there was no evidence of releases, spills, or floor drains in the storage areas during the site reconnaissance.

# Underground Chemical or Waste Storage, Drainage or Collection System

## Sumps, cisterns, catch basins and/or dry wells, or other systems

A gravel-covered drive and parking area was observed south of the maintenance building, south of the concrete slab. According to Mr. Girth and Mr. Sirna, there was a large gravel pit in this location. Apparently, the soil was removed and replaced with approximately 15 tons of gravel. Mr. Girth indicated the maintenance building floor drains, the trench drain, and water from the equipment wash area on the concrete slab would discharge into the gravel pit. This gravel pit represents a REC to the site at this time since it is unknown what substances may have discharged from the floor drains, trench drain, and the equipment wash area into the gravel pit.

#### Septic tanks and/or leach fields

The site is equipped with two septic systems. One septic system is associated with the maintenance building and the other septic system is associated with the clubhouse. The septic tank associated with the maintenance building septic system was located southwest of the maintenance building. The septic tank associated with the clubhouse was located west of the south end of the main parking lot.

According to Mr. Girth, the floor drains in the maintenance building were not connected to the maintenance building septic system. However, according to Mr. Steve Crawford, clubhouse manager, the floor drains in the clubhouse were connected to the clubhouse septic system. Evidence of stressed vegetation or noxious odors was not observed in the vicinity of the on-site septic systems. Based on the information provided by Mr. Girth and Mr. Crawford, these septic systems do not appear to represent a REC to the site at this time.



#### Interior floor drains

Interior floor drains were observed at the following site locations:

- Maintenance building. Two floor drains were observed in the south portion of the building, where maintenance activities are performed. According to Mr. Girth, these drains discharge to the gravel pit. Mr. Girth stated the gravel pit was located directly south of the concrete slab at the south end of the maintenance building and was an area where soil was removed and replaced with 15 tons of gravel.
- Concrete slab adjoining the maintenance building. A trench drain and a cleanout
  were observed in the concrete slab directly adjoining the maintenance building to the
  south. According to Mr. Girth, the trench drain discharges to the gravel pit. Mr. Girth
  stated the cleanout area was not an oil/water separator and to remove gravel or dirt.
- Clubhouse. Floor drains were observed in the restrooms, lockers, kitchen, and basement areas. Mr. Crawford indicated these floor drains discharge to the septic system.

Evidence of staining or other releases to the floor drains was not observed during the site reconnaissance. Potentially hazardous materials did not appear to be stored in the vicinity of the floor drains.

The floor drains do not appear to represent a REC to the site at this time. However, since general maintenance operations were performed in the shop, near the floor drains, and the cement slab was where the equipment was washed, it is unknown what may have discharged through the drains into the gravel pit. The gravel pit represents a REC to the site at this time and is discussed previously in this Section.

#### **Electrical Transformers/PCBs**

## Pad or pole mounted transformers and/or capacitors

During Terracon's site visit, nine pole-mounted transformers, owned and serviced by Westar Energy, were observed across the site; however, no information with regard to PCB content of the transformer fluids was observed. Transformers contain mineral oil which may contain minor amounts of PCB and could be considered "PCB contaminated" (PCB content of 50-500 ppm).

Westar Energy maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the utility company is not required to replace the transformer fluids until a release is identified. However, no evidence of current or prior release was observed in the vicinity of the electrical equipment during the site reconnaissance.

## **Evidence of Releases or Potential Releases**

## Stained soil

Stained soil was observed in the south portion of the shed during the site reconnaissance. Most of the ground surface was obstructed by stored equipment and Terracon was unable to completely view the ground to determine the extent of the staining.



The staining associated with the shed represents a REC to the site based on the unknown former housekeeping and management practices and the long-term multipurpose use including storing chemicals and equipment.

## Stained pavement or similar surfaces

Stained pavement, shelves, and soil was observed during the site reconnaissance. The majority of the staining appeared to be of de minimis status with the exception of the staining associated with the shed. Cracks were observed in the foundation of the shed, directly where the used oil was stored and staining was observed. The stained pavement and shelves around and beneath the drums and containers are discussed above in this Section.

The staining associated with the shed represents a REC to the site based on the unknown former housekeeping and management practices and the long-term multipurpose use including storing chemicals and equipment.

#### Trash, debris and/or other waste materials

Brush and wood chips were observed near the south-central portion of the site during the site reconnaissance. Leakage, spills or other releases from these materials were not observed during the visual reconnaissance. The debris materials did not appear to be hazardous in nature. Based on observations, the brush and wood chips do not appear to represent a REC to the site at this time.

#### Other Notable Site Features

#### Surface water bodies

Four ponds were observed on the site. No evidence of chemical sheens was observed on the surface of the waters and no noxious odors were observed emanating from within the ponds at the time of the site reconnaissance. Based on observations, these ponds do not appear to represent a REC to the site at this time.

#### Wells

Terracon did not observe any wells on the site. However, Terracon was provided with information from Mr. Girth and Mr. Sirna that two water wells are present on the site. Reportedly, these two water wells have been covered with soil and are below the ground surface. Mr. Girth indicated one well is located about 6 feet below the ground surface underneath the putting green. The other water well is located about 4 feet below the ground surface approximately 30 feet southeast of the southeast pump house building. Mr. Sirna and Mr. Girth were not able to provide additional information regarding the water wells including if they were abandoned or closed in place. Based on information provided by Mr. Sirna and Mr. Girth, these wells do not appear to represent a REC to the site at this time.

## 5.4 Interviews Conducted During Visual Reconnaissance

The following individuals were interviewed regarding the presence or absence of the features listed in the table above.

- Mr. Bob Girth, maintenance supervisor
- Mr. Steve Crawford, clubhouse manager



- Mr. Nick Ventola, realtor for the site
- Mr. Vic Sirna, President and General Manager of the Southview Golf Club

Information obtained from the above-listed interviewees is discussed in Sections 3.9 and 5.3.1.

## 5.5 Site Reconnaissance Summary

The site is located at 16001 South Outer Road in Belton, Cass County, Missouri. The site is an approximate 148-acre tract of land that has been improved with an 18-hole golf course with a clubhouse, a maintenance building, a shed, a parking lot, two pump houses, and four ponds.

The following RECs were identified during the site reconnaissance:

- A gravel-covered drive and parking area was observed south of the maintenance building, south of the concrete slab. According to Mr. Bob Girth, maintenance supervisor and Mr. Vic Sirna, President and General Manager, there was a large gravel pit in this location. Apparently, the soil was removed and replaced with approximately 15 tons of gravel. Mr. Girth indicated the maintenance building floor drains, the trench drain, and water from the equipment wash area on the concrete slab would discharge into the gravel pit. This gravel pit represents a REC to the site at this time since it is unknown what substances may have discharged from the floor drains, trench drain, and the equipment wash area into the gravel pit.
- Stained soil was observed in the south portion of the shed during the site reconnaissance. Most of the ground was obstructed by stored equipment and Terracon was unable to completely view the ground to determine the extent of the staining.

Additionally, stained pavement was observed associated with the shed. Cracks were observed in the foundation of the shed, directly where the used oil was stored and staining was observed. The staining associated with the shed represents a REC to the site based on the unknown former housekeeping and management practices and the long-term multipurpose use including storing chemicals and equipment.

Additionally, Terracon was provided with information from Mr. Girth and Mr. Sirna that two water wells are present on the site. Reportedly, these two water wells have been covered with soil and are below the ground surface. Mr. Girth indicated one well is located about 6 feet below the ground surface underneath the putting green. The other water well is located about 4 feet below the ground surface approximately 30 feet southeast of the southeast pump house building. Mr. Sirna and Mr. Girth were not able to provide additional information regarding the water wells including if they were abandoned or closed in place. Based on information provided by Mr. Sirna and Mr. Girth, these water wells do not appear to represent a REC to the site at this time.



#### 6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

## **Adjoining Properties**

Direction	Description
North	Vacant land with some residential
East	Residential
South	East 162 <sup>nd</sup> Street followed by vacant land and Open Door Bible Church
West	South Outer Road and US Highway 71 followed by residential

Indications of RECs were not observed on the adjoining properties.

#### 7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. limited asbestos sampling, limited lead based paint sampling, limited wetlands review, limited lead in drinking water sampling, limited radon testing, etc.) were not conducted.

## 8.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

## 8.1 Findings and Conclusions

This Phase I ESA was performed in accordance with our proposal dated June 12, 2007, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* The ESA was conducted under the supervision or responsible charge of Eric J. Gorman, CHMM, P.G., Environmental Professional. Ashley D. Eickhoff performed the site reconnaissance on June 19, 2007.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

The site is located at 16001 South Outer Road in Belton, Cass County, Missouri.
The site is an approximate 148-acre tract of land that has been improved with an 18-hole golf course with a clubhouse, a maintenance building, a shed, a parking lot, two pump houses, and four ponds.

The following RECs were identified during the site reconnaissance:

 A gravel-covered drive and parking area was observed south of the maintenance building, south of a concrete slab. According to Mr. Bob Girth, maintenance supervisor and Mr. Vic Sirna, President and General Manager, there was a large



gravel pit in this location. Apparently, the soil was removed and replaced with approximately 15 tons of gravel. Mr. Girth indicated the maintenance building floor drains, the trench drain, and water from the equipment wash area on the concrete slab would discharge into the gravel pit. This gravel pit represents a REC to the site at this time since it is unknown what substances may have discharged from the floor drains, trench drain, and the equipment wash area into the gravel pit.

o Stained soil was observed in the south portion of the shed during the site reconnaissance. Most of the ground was obstructed by stored equipment and Terracon was unable to completely view the ground to determine the extent of the staining.

Additionally, stained pavement was observed associated with the shed. Cracks were observed in the foundation of the shed, directly where used oil was stored and staining was observed. The staining associated with the shed represents a REC to the site based on the unknown former housekeeping and management practices and the long-term multipurpose use including storing chemicals and equipment.

Additionally, Terracon was provided with information from Mr. Girth and Mr. Sirna that two water wells are present on the site. Reportedly, these two water wells have been covered with soil and are below the ground surface. Mr. Girth indicated one well is located about 6 feet below the ground surface underneath the putting green. The other water well is located about 4 feet below the ground surface approximately 30 feet southeast of the southeast pump house building. Mr. Sirna and Mr. Girth were not able to provide additional information regarding the water wells including if they were abandoned or closed in place. Based on information provided by Mr. Sirna and Mr. Girth, these water wells do not appear to represent a REC to the site at this time.

• Based on review of the historical information, the site appears to have been vacant land with a couple of residential-type structures near the west-central property boundary, with an access road going south from the structures to East 162<sup>nd</sup> Street in 1953. By 1967, the site was developed as a golf course with a clubhouse, shed, two ponds, and two pump houses. Two additional ponds were constructed by 1985. The original clubhouse was demolished and replaced with a new clubhouse (on the same foundation) in 1989. The current-day shed is the original shed that was used as the multipurpose building storing equipment and chemicals prior to the current-day maintenance building. The current-day maintenance building was constructed about seven years ago with a gravel pit south of the building.

Mr. Vic Sirna, President and General Manager indicated former gravity fed ASTs were located in an area north of the shed and south of the current-day cart wash area. Based on the unknown former housekeeping and management practices, the former gravity fed ASTs and the shed (long-term multipurpose use including storing chemicals and equipment) appear to represent a REC to the site at this time.



- The current-day adjoining properties were observed to be the following: vacant land with some residential to the north; residential to the east; East 162nd Street followed by vacant land and Open Door Bible Church to the south; and South Outer Road and US Highway 71 followed by residential to the west. Based on observations of the adjoining properties, the properties listed above do not appear to represent a REC to the site at this time.
- The regulatory review identified one EPA CERLIS-NFRAP facility and one MDNR LUST facility within the search radii of the site. Based on regulatory status, distance from the site, and apparent topographic position relative to the site, the listed facilities do not represent a REC to the site.

#### 8.2 Recommendations

If the client would like additional assurance with respect to the potential impact from possible releases from the historic ASTs, the multi-purpose use of the shed, and the gravel pit, Terracon recommends subsurface investigation.

Additionally, Terracon recommends better housekeeping practices regarding the maintenance operations at the site and removing excess waste, oils, and pesticides that are no longer used.

If the water wells are no longer going to be used and/or they are encountered during future grading operations, Terracon recommends the water wells be properly closed and abandoned according to the state standards if they have not previously been closed and abandoned.

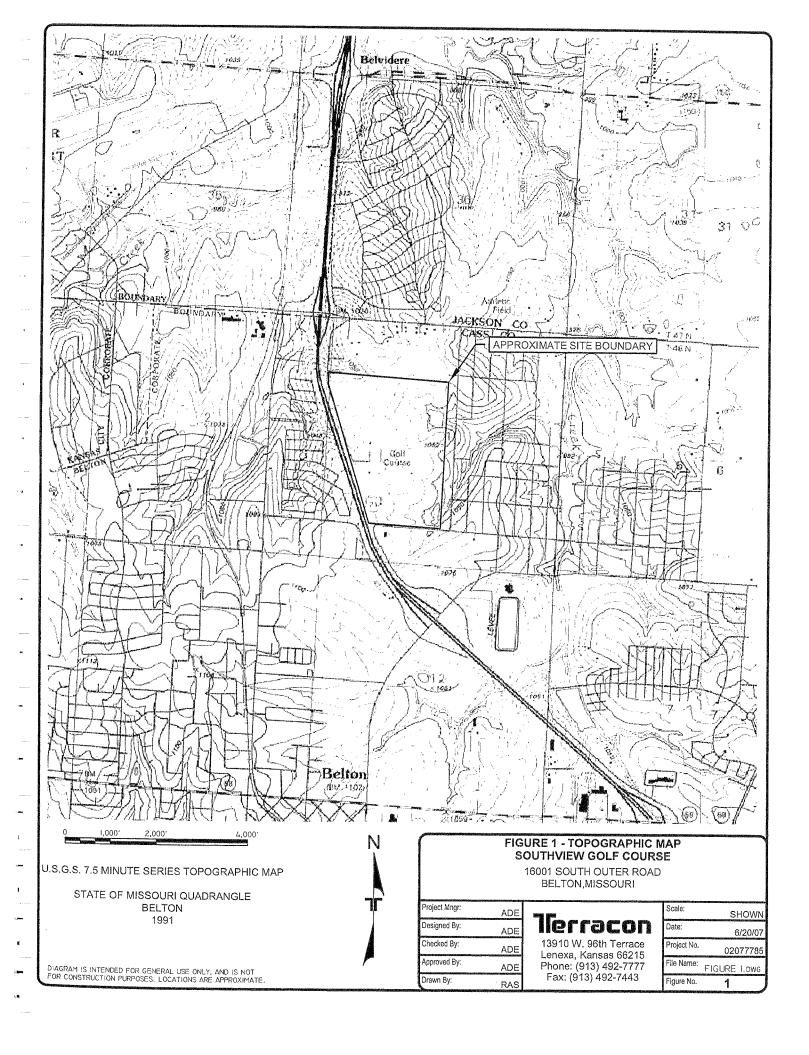
#### 9.0 DECLARATION

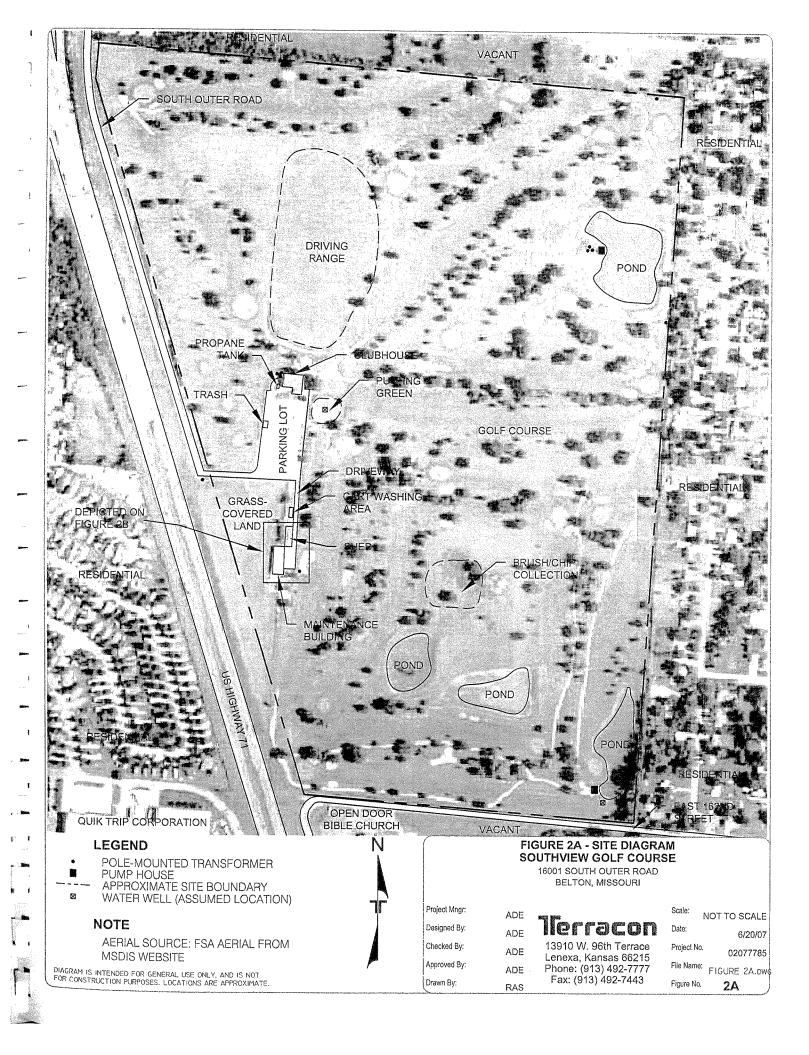
I, Eric J. Gorman, CHMM, P.G., declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practice set forth in 40 CFR Part 312.

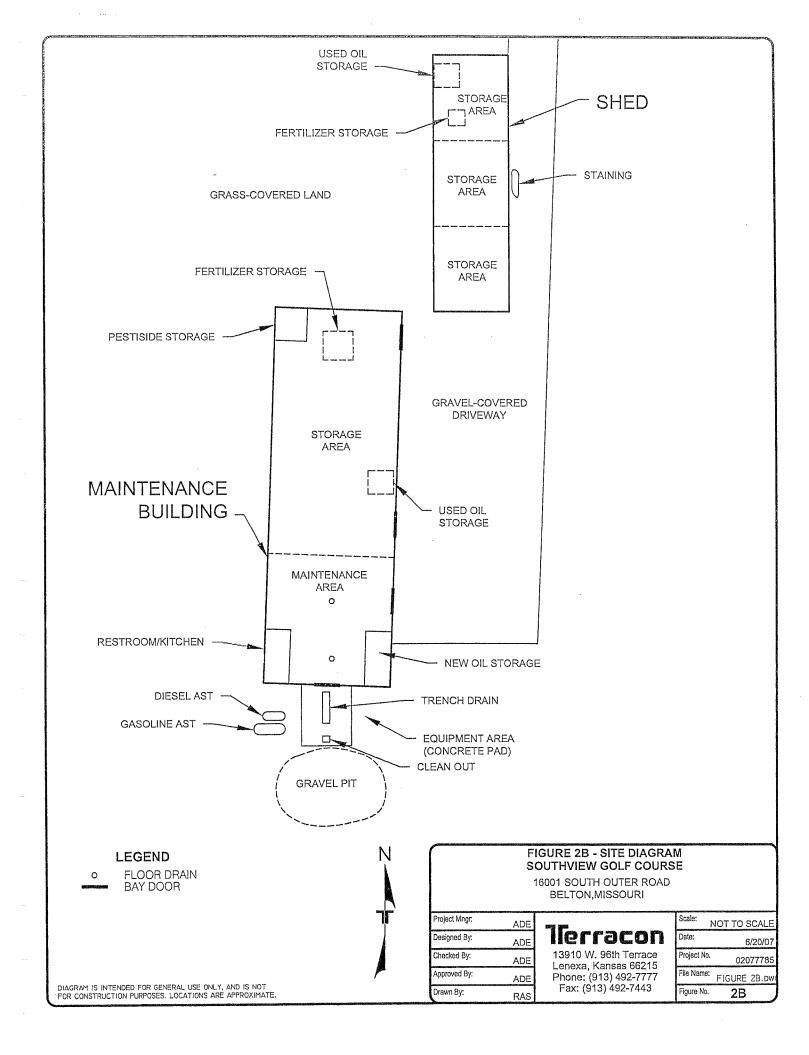
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### APPENDIX A

Figure 1 - Topographic Map, Figure 2 - Site Diagram







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### APPENDIX B

**Description of Terms and Acronyms** 

Description of Selected General Terms and Acronyms

Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly as binding agents in construction materials. Inhalation of asbestos fibers has been documented to cause asbestosis (scarring of the lung), lung cancer cancer of the chest wall lining).  Most Federal and State agencies define ACM as a material containing more that one (1) percent asbestos, although some states, such as California, defir containing 0.1% or more asbestos. In order to determine the ACM status of suspect building materials, a minimum number of samples must be collected depending on the type and quantity of the suspect material. A suspect material can only be confirmed as non-ACM when analytical results of all required applicable regulatory limits. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. An amaterial may be classified as either friable or non-friable. Friable materials are those that, when dry, can be crumbled, pulverized, or reduced to powder by Non-friable ACM are materials in which the asbestos fibers are more firmly bound in a matrix of tar, plastic or other such material, and which have a lower fiber release.  Federal and State regulations require that that an asbestos survey be performed prior to renovation, dismantling, demolition or other activities that may disconfirmed ACM unless such materials are removed as ACM prior to planned disturbances. ACM removal may also be required if confirmed ACM becomes renovation or demolition activities could result in damage to confirmed or suspect ACM. Depending upon the quantity, notification to Federal or State regulations or demolition activities could result in damage to confirmed or suspect ACM. Depending upon the quantity, notification to Federal or State regulations with applicable federal, state, or local regulations. OSHA worker protection regulations will also apply.	ine ACM as material and analyzed, as samples are below as bestos containing by hand pressure.
ACM  Most Federal and State agencies define ACM as a material containing more that one (1) percent asbestos, although some states, such as California, defir containing 0.1% or more asbestos. In order to determine the ACM status of suspect building materials, a minimum number of samples must be collected depending on the type and quantity of the suspect material. A suspect material can only be confirmed as non-ACM when analytical results of all required applicable regulatory limits. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. An amaterial may be classified as either friable or non-friable. Friable materials are those that, when dry, can be crumbled, pulverized, or reduced to powder by Non-friable ACM are materials in which the asbestos fibers are more firmly bound in a matrix of tar, plastic or other such material, and which have a lower fiber release.  Federal and State regulations require that that an asbestos survey be performed prior to renovation, dismantling, demolition or other activities that may disconfirmed ACM unless such materials are removed as ACM prior to planned disturbances. ACM removal may also be required if confirmed ACM becomes renovation or demolition activities could result in damage to confirmed or suspect ACM. Depending upon the quantity, notification to Federal or State regulations friends are proved to a political prior to ACM removal (abatement) operations. Abatement of friable or potentially friable ACM must be performed by a licensed abatement con with applicable federal, state, or local regulations. OSHA worker protection regulations will also apply.	ine ACM as material and analyzed, as samples are below as bestos containing by hand pressure.
ACM  ACM  ACM  ACM  ACM  ACM  ACM  ACM	and analyzed, I samples are below I sabestos containing by hand pressure. Ir potential for asbestos
renovation or demolition activities could result in damage to confirmed or suspect ACM. Depending upon the quantity, notification to Federal or State regulations activities could result in damage to confirmed or suspect ACM. Depending upon the quantity, notification to Federal or State regulations be required prior to ACM removal (abatement) operations. Abatement of friable or potentially friable ACM must be performed by a licensed abatement continued and in the province of	or damaged or if
	ulatory agencies may intractor in accordance
AHERA Asbestos Hazard Emergency Response Act	
Above Ground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank jurisdiction of its location.	t basement, but not size, its contents and the
AULs Activity and Use Limitations	
BGS Below Ground Surface	
Benzene, Toluene, Ethyl benzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum	m hydrocarbon release
CERCLA Complete is the federal act that regulates abandoned or unclearly waste sites. Under this Act, joint and several liability may be imposed on notentially responsible parties for cleanur-related costs.	controlled hazardous
CERCLIS  Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual release substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste site typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.	ses of hazardous es. These sites are
CFR Code of Federal Regulations	***
CESQG Conditionally exempt small quantity generators.	
DOT U.S. Department of Transportation	
EPA U.S. Environmental Protection Agency	
ERNS Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National	s substance releases in
ESA Environmental Site Assessment	ritospondo dontor.
FRP Fiberglass Reinforced Plastic	
As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Sc (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, an include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).	Solid Waste Disposal Act Air Act; and (F) any
This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of or otherwise management.	al, or infectious
IC / EC Industrial Controls / Engineering Controls	ayeu,

# Description of Terms and Acronyms (cont.)

Term/Acronym	Description		
ILP	Innocent Landowner Program		
IOP	Innocent Owner/Operator Program		
LQG	Large quantity generators.		
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.		
MCL	contamination that determines whether a supplier can deliver water from a specific source without treatment.		
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard		
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of barardous air all the		
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.		
NGVD	National Geodetic Vertical Datum		
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.		
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.		
NPL	National Priorities List, as more particularly described under the Records Review section of this report		
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act		
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.		
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit		
pCi/l	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.		
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)		
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.		
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for		
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.		
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.		
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials, which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a ROPA (c. ill.).		
RCRA Non- CORRACTS/TSDs	RCRA CORRACTS/TSD database is a compilation by the USEPA of facilities, which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the		
RCRA Violators List	facilities for noncompliance. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against		
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.		
REC	Recognized Environmental Conditions are defined by ASTM E 1527-05 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property." The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> conditions that generally do not present a material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.		

### Description of Terms and Acronyms (cont.)

Term/Acronym	Description		
SCL	State "CERCLIS" List (see SPL /State Priority List, below).		
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.		
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.		
SQG	Small quantity generators.		
SWF	Solid Waste Facility. Landfills listed by a state database.		
TPH	Total Petroleum Hydrocarbons		
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.		
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.		
USACE	United States Army Corps of Engineers		
USC	United States Code		
USGS	United States Geological Survey		
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service		
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E 1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).		
VCP	Voluntary Cleanup Program		
VOC	Volatile Organic Compound		
	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <a href="Corps of Engineers Wetlands Delineation Manual">Corps of Engineers Wetlands Delineation Manual</a> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.		
Wetlands	The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U.S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.		

Missouri	Description
Term/Acronym	·
SHWS	The Missouri Department of Natural Resources (MDNR) maintains a database of state equivalent CERCLIS facilities (State Hazardous Waste Sites) in the State of Missouri.
SWF/LF	The MDNR maintains a database maintains a database of Solid Waste Facilities (LF) located within Missouri. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
LUST	The MDNR provides a computer generated database of the Leaking Underground Storage Tanks in the State of Missouri.
UST	The MDNR has compiled a database of registered Underground Storage Tanks in the State of Missouri which may include the owner and location of the USTs.
AUL	Activity and use limitations include both engineering controls and institutional controls.
VCP	Facilities participating in the MDNR Voluntary Cleanup Program.
Brownfields	The MDNR provides a listing of Brownfields site in the State of Missouri.

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### **APPENDIX C**

**Historical Documentation** 

# Certified Sanborn® Map Report



Sanborn® Library search results Certification # 7867-46FC-AE28

**Southview Golf Course** 16001 S US Highway 71 Belton, MO 64012

Inquiry Number 1957437.2

June 20, 2007



### The Standard in **Environmental Risk** Information

440 Wheelers Farms Rd Milford, Connecticut 06461

**Nationwide Customer Service** 

Telephone: 1-800-352-0050

Fax:

1-800-231-6802

Internet:

www.edrnet.com

### Certified Sanborn® Map Report

6/20/07

Site Name:

Client Name:

Southview Golf Course 16001 S US Highway 71 Belton, MO 64012

Terracon, Inc. 13910 W. 96th Terrace Lenexa, KS 66215

EDR Inquiry # 1957437.2

Contact: Ashley Eickhoff



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Terracon, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

#### Certified Sanborn Results:

Site Name:

Southview Golf Course

Address: City, State, Zip:

16001 S US Highway 71 Belton, MO 64012

**Cross Street:** 

P.O. #

NA

Project:

02077785

Certification #

7867-46FC-AE28



Sanbom® Library search results Certification # 7867-46FC-AE28

#### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

EDR Private Collection

Total Maps:

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### CHICAGO TITLE INSURANCE COMPANY

### COMMITMENT FOR TITLE INSURANCE

CHICAGO TITLE INSURANCE COMPANY, a corporation of Missouri, herein called the Company, for a valuable consideration, hereby commits to issue its policy or policies of title insurance, as identified in Schedule A, in favor of the proposed Insured named in Schedule A, as owner or mortgagee of the estate or interest covered hereby in the land described or referred to in Schedule A, upon payment of the premiums and charges therefor; all subject to the provisions of Schedules A and B and to the Conditions and Stipulations hereof.

This Commitment shall be effective only when the identity of the proposed Insured and the amount of the policy or policies committed for have been inserted in Schedule A hereof by the Company, either at the time of the issuance of this Commitment or by subsequent endorsement.

This Commitment is preliminary to the issuance of such policy or policies of title insurance and all liability and obligations hereunder shall cease and terminate six months after the effective date hereof or when the policy or policies committed for shall issue, whichever first occurs, provided that the failure to issue such policy or policies is not the fault of the Company.

IN WITNESS WHEREOF, Chicago Title Insurance Company has caused this Commitment to be signed and scaled as of the effective date of Commitment shown in Schedule A, the Commitment to become valid when countersigned by an authorized signatory.

Issued by: HIGHT & ASSOCIATES LAND TITLES, INC. 106 SOUTH INDEPENDENCE HARRISONVILLE, MO 64701 (816) 380-4512

CHICAGO TITLE INSURANCE COMPANY

(8m) Mais 1\_

President

Authorized Signatory

#### A.L.T.A. COMMITMENT

#### SCHEDULE A

Commitment No.:

H33354

Effective Date: April 30, 2007 at 8:00 a.m.

1. Owners Policy to be issued: ALTA Owner's Policy (10-17-92)

Amount: \$3,700,000.00 Charge: \$3,330.00

Proposed Insured:

ALLEN B. KIPPER, OR ASSIGNS

Loan Policy to be issued: ALTA Loan Policy (10-17-92)

Amount: TO BE DETERMINED

Charge:

Proposed Insured:

#### PROSPECTIVE LENDER

2. The estate or interest in the land described or referred to in this Commitment and covered herein is a fee simple and title thereto is at the effective date hereof vested in:

#### SOUTHVIEW GOLF CLUB, INC.

3. The land referred to in the Commitment is described as follows:

All of Lot 1 of the Northwest Quarter, and all of the Southwest Quarter, except that part lying South of public road, and further except all that part of the following described tract which lies South and West of U.S. Highway No. 71 as now established and located: Beginning at a point on the West line of Section 1, Township 46, Range 33, 822.2 feet North of the Southwest Corner thereof; thence North, on the West line, a distance of 323.64 feet; thence South 88 degrees 03 minutes 15 seconds East, 1000.94 feet; thence South 01 degree 00 minutes 30 seconds West, 1321.55 feet to the North line of County Road; thence West along the North line thereof, North 88 degrees 08 minutes 40 seconds West, 977.33 feet to the Point of Beginning, all in Section 1, Township 46, Range 33, in the City of Belton, Cass County, Missouri, except that part conveyed to the State of Missouri for Highway.

#### A.L.T.A. COMMITMENT

#### SCHEDULE B

Commitment No.: H33354

Upon payment of the full consideration to, or for the account of, the grantors or mortgagors, and recording of the deeds and/or mortgages, the form and execution of which is satisfactory to the Company, the policy or policies will be issued containing exceptions in Schedule B thereof to the following matters (unless the same are disposed of to the satisfaction of the Company):

- 1. If an owner's policy is to be issued, the mortgage encumbrance, if any, created as part of the purchase transaction.
- 2. Defects, liens, encumbrances, adverse claims or other matters, if any created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by this commitment.
- 3. Rights or claims of parties in possession not shown by the public records.
- 4. Encroachments, overlaps, boundary line disputes, and any other matters which would be disclosed by an accurate survey and inspection of the premises.
- 5. Easements or claims of easements not shown by the public records.
- 6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.
- 7. Taxes or special assessments which are not shown as existing liens by the public records.
- 8. General and special taxes and assessments as hereafter listed, if any (all amounts shown being exclusive of interest, penalties and costs):
  - a. Taxes for the year 2005 and prior years paid. Taxes for the year(s) 2006 are delinquent, please furnish proof of payment.
- 9. Taxes for the year 2006 and subsequent years.
- 10. Terms and conditions of easement in favor of the State of Missouri, dated February 5, 1968, filed March 20, 1968, as fully shown by instrument of record in Book 520, Page 409.
- 11. Terms and conditions of easement in favor of the State of Missouri for highway purposes, dated July 20, 1953, of record in Book 391, Page 17, which instrument also conveys and relinquishes all abutter's right of direct access to said highway except for the locations therein specified and subject to the conditions therein prescribed.
- 12. Easements and right-of-way for public and private streets, roads and ways, leases, railroad rights-of-way, pipelines, public and private utilities or installations on, above or below the surface of the land; party or community driveways, party walls, church, school, park or cemetery sites; conflicts between boundary lines or storage in area; and encroaching or overlapping plantings, fences or improvements not appearing of record.
- 13. Limitations to access to U.S. Highway 71, as defined and set out by that certain easement dated January 13, 1954, granted to the State Highway Commission of Missouri, of record in Book 391, Page 120 and as Indenture Book 98.
- 14. Terms and conditions of easements between Southview Golf Club, Inc., a Corporation and the City of Belton, Missouri, as shown by instrument filed October 22, 1991, of record in Book 1187, Pages 4 and 5.
- Deed of Trust dated July 18, 1989, recorded July 26, 1989, as Document No. 007103, in Book 1089, Page 24, in Cass County, Missouri, executed by Southview Golf Club, Inc, a Corporation of Cass County, Missouri, to Don Dryden,

#### A.L.T.A. COMMITMENT

#### SCHEDULE B (continued)

Commitment No.: H33354

Trustee for Bank of Belton, which states that it secures a debt in the principal sum of \$250,000.00.

- Deed of Trust dated December 15, 2004, recorded December 16, 2004, as Document No. 314436, in Book 2536, Page 677, in Cass County, Missouri, executed by Southview Golf Club, Inc, to Donald Dryden, Trustee for Bank of Belton, which states that it secures a debt with future advances not to exceed \$434,712.66.
- 17. By the terms of the instrument recorded in Book 2761, Page 238, the foregoing deed of trust was last modified and amended as therein set forth.
- 18. Furnish certificate for our file executed by the Secretary of State of Missouri evidencing that Southview Golf Club, Inc. is now in good standing in its State of incorporation.
- 19. Furnish for our file a certified copy of the resolution of the Board of Directors of Southview Golf Club, Inc. a Missouri Corporation, authorizing the sale of the land, which must show the actual consideration received.
- 20. The application for our title insurance does not give the name of the prospective purchaser. When such name is ascertained, the records must be run for possible judgments. If a corporation or partnership is to acquire title, certain additional requirements may be necessary. (pertains to the assigns, if any, of the proposed buyer)

2006 ASSESSED VALUE: \$180,660.00 TAX ID NO: 59-04-1299600 (47 Acres) 2006 TAXES: \$13,946.26 (plus penalties)

2006 ASSESSED VALUE: \$153,470.00
 TAX ID NO: 59-04-1299700 (101 Acres)
 2006 TAXES: \$11,525.26 (plus penalties)

2006 ASSESSED VALUE: \$2,850.00 TAX ID NO: 59-04-1299800 (3 Acres) 2006 TAXES: \$208.27 (plus penalties)

CLOSING INFORMATION NOTE: If the closing for the subject property is to be conducted by Hight & Associates, Land Titles, Inc., we require all monies due from the purchase to be in the form of a Cashier's Check, Certified Check or Wire Transfer. If the sale proceeds or any "payoffs" pursuant to the closing require "Good Funds", then monies received by us for such must be bank or wire transfer. The above applies to all closings unless other specific arrangements are made. Due to wide variances in banking practices and lack of control over funds "on the wire", we cannot accept financial responsibility for delays in the clearing of funds.

# Fidelity National Financial Group of Companies' Privacy Statement July 1, 2001

We recognize and respect the privacy expectations of today's consumers and the requirements of applicable federal and state privacy laws. We believe that making you aware of how we use your non-public personal information ("Personal Information"), and to whom it is disclosed, will form the basis for a relationship of trust between us and the public that we serve. This Privacy Statement provides that explanation. We reserve the right to change this Privacy Statement from time to time consistent with applicable privacy laws.

In the course of our business, we may collect Personal Information about you from the following sources:

- From applications or other forms we receive from you or your authorized representative;
- From your transactions with, or from the services being performed by, us, our affiliates, or others;
- From our internet web sites;
- From the public records maintained by governmental entities that we either obtain directly from those entities, or from our affiliates or others; and
- From consumer or other reporting agencies.

#### Our Policies Regarding the Protection of the Confidentiality and Security of Your Personal Information

We maintain physical, electronic and procedural safeguards to protect your Personal Information from unauthorized access or intrusion. We limit access to the Personal Information only to those employees who need such access in connection with providing products or services to you or for other legitimate business purposes.

#### Our Policies and Practices Regarding the Sharing of Your Personal Information

We may share your Personal Information with our affiliates, such as insurance companies, agents, and other real estate settlement service providers. We also may disclose your Personal Information:

- to agents, brokers or representatives to provide you with services you have requested;
- to third-party contractors or service providers who provide services or perform marketing or other functions on our behalf; and
- to others with whom we enter into joint marketing agreements for products or services that we believe you may find of interest.

In addition, we will disclose your Personal Information when you direct or give us permission, when we are required by law to do so, or when we suspect fraudulent or criminal activities. We also may disclose your Personal Information when otherwise permitted by applicable privacy laws such as, for example, when disclosure is needed to enforce our rights arising out of any agreement, transaction or relationship with you.

One of the important responsibilities of some of our affiliated companies is to record documents in the public domain. Such documents may contain your Personal Information.

Right to Access Your Personal Information and Ability To Correct Errors Or Request Changes Or Deletion

Certain states afford you the right to access your Personal Information and, under certain circumstances, to find out to whom your Personal Information has been disclosed. Also, certain states afford you the right to request correction, amendment or deletion of your Personal Information. We reserve the right, where permitted by law, to charge a reasonable fee to cover the costs incurred in responding to such requests.

All requests must be made in writing to the following address:

Privacy Compliance Officer Fidelity National Financial, Inc. 4050 Calle Real, Suite 220 Santa Barbara, CA 93110

#### Multiple Products or Services

If we provide you with more than one financial product or service, you may receive more than one privacy notice from us. We apologize for any inconvenience this may cause you.

# Cass County, MO SOUTHVIEW GOLF CLUB INC

Map features are representations of original data sources and do not replace or modify land surveys, deeds, or other legal instruments defining land ownership or use.

Prepared by Cass County Assessor Curtis L. Koons







Nicholas Ventola

**Cass County** 

4/10/2007 2:44 P.M.

Tax ID #1299600

**Full Report** 

1/13/2007

Property Information

16001 S OUTER RD

Property City:

Property Address:

Subdivision:

BELTON

Map Number:

1299600

Section:

Book Number: 489

Township:

Zip: 64012

Subdivision Blk/Lot:

46

Page Number: 115

Range: 33

Update:

Owner Information

Owner Name:

SOUTHVIEW GOLF CLUB INC

Owner Address:

16001 S OUTER RD

City, St, Zip:

BELTON, MO, 64012

Land & Building Information

Acreage: Front Feet: Lot Depth:

47

0

0

Year Built: Fire District:

School District: Political Township:

#124 SCHOOL 59/MT PLEASANT

0

Main Floor Sq Ft: 0

Tax Assessment Information

Residential:

Agriculture:

**Assessed Value** \$42,750

\$0

Improvements: Land:

\$420,970 \$235,000

Appraised Value

Commercial:

\$137,910

Total Appraised Value: \$655,970.00

Assessment Year: 2005

Total Assessed Value: Major Loan Company:

\$180,660.00

Minor Loan Company:

Legal Description

W2 LT 1 NW N&E HWY & NWSW N&E HWY 540/192

**Taxes** 

Tax Year: 2005

Total Taxes: \$13,312.00

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Nicholas Ventola

**Cass County** 

4/10/2007 2:45 P.M.

Tax ID #1299700

**Full Report** 

**Property Information** 

Update:

1/13/2007

Property Address: 16001 S OUTER RD

Property City: Subdivision:

BELTON

Zip: 64012

Subdivision Blk/Lot:

Map Number:

1299700

Section: **Book Number:** 

489

Township:

46

Range: 33

Page Number: 115

Owner Information

Owner Name: Owner Address: SOUTHVIEW GOLF CLUB INC

16001-S OUTER RD

City, St, Zip:

BELTON, MO, 64012

Land & Building Information

Acreage: Front Feet:

Lot Depth:

101

0

0

Year Built: Fire District:

**School District:** 

0

#124 SCHOOL

Main Floor Sq Ft:

0

Political Township:

59/MT PLEASANT

Tax Assessment Information

Assessed Value

\$95,950

Improvements:

Appraised Value \$179,750

Residential: Agriculture:

\$0

Land:

\$505,000

Commercial:

\$57,520

Total Appraised Value: \$684,750.00

Assessment Year: 2005

Total Assessed Value: Major Loan Company:

\$153,470.00

Minor Loan Company:

Legal Description

E2 LT 1 NW & NESW & S2 SW N OF RD

**Taxes** 

Tax Year: 2005

Total Taxes: \$10,986.00

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#### DEED OF EASEMENT

THIS INDENTURE, Made this 19 day of Southern, 1991, by and between SOUTHVIEW GOLF CLUB, INC., a Corporation organized and existing under the laws of the State of Missouri; whose mailing address is 162nd Street and Highway 71, City of Belton County of Cass, State of Missouri, hereinafter referred to as the PARTY OF THE FIRST PART, who is the owner of the below described property, and by the CITY OF BELTON, MISSOURI, a municipal corporation, herein after referred to as the PARTY OF THE SECOND PART, whose mailing address is 506 Main, Belton, Missouri 64012.

WITNESSETH: That the PARTY OF THE FIRST PART, in consideration of the sum of Dec. (\$1.00) dollars and other good and valuable consideration to them paid by the CITY OF BELTON, MISSOURI, the PARTY OF THE SECOND PART, the receipt of which is hereby acknowledged, the PARTY OF THE FIRST PART does hereby grant, bargain, sell, transfer, and convey unto the PARTY OF THE SECOND PART, its successors and assigns, a perpetual easement with the right to survey, erect, construct, install, and lay and thereafter use, operate, inspect, repair, maintain, replace, and remove a water pipe line in, on, over, under, along and across, including the right and privilege at any time to enter said easement and lay, construct, operate, maintain, repair, replace and remove pipe lines, meters, vaults, and appurtenances on the following described land in Cass County, Missouri, to-wit:

A PERMANENT EASEMENT, 15 FEET IN WITCH, THE WESTERLY LINE OF WHICH IS DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER OF THE GOLF COURSE FENCE AT THE INTERSECTION OF HIGHWAY 71 AND 162ND STREET; THENCE 250 FEET, MORE OR LESS, NORTHWESTERLY ALONG SAID FENCE LINE TO A FENCE CORNER; THENCE NORTHWESTERLY 25 FEET, MORE OR LESS TO THE EASTERLY RIGHT-OF-WAY LINE OF HIGHWAY 71; THENCE NORTHWEST ALONG SAID RIGHT-OF-WAY LINE 1115 FEET MORE OR LESS, TO APOINT ON SAID RIGHT-OF-WAY LINE WHICH IS LOCATED 37 FEET SOUTHEAST, MORE OR LESS, FROM AN EXISTING STATE HIGHWAY RIGHT-OF-WAY MARKER; THENCE TURNING 90 DEGREES TO THE RIGHT AND PROCEEDING

NORTHEAST 93 FEET, MORE OR LESS, TO AN EXISTING STATE HIGHWAY RIGHT-OF-WAY MARKER; THENCE TURNING 90 DEGREES TO THE LEFT AND PROCEEDING NORTHWEST ALONG THE OUTER ROAD RIGHT-OF-WAY LINE OF HIGHWAY 71 TO THE NORTH PROPERTY LINE OF THE GOLF COURSE.

ALSO, A TEMPORARY CONSTRUCTION EASEMENT FOR CONSTRUCTION PURPOSES, 20 FEET IN WIDTH, ABUTTING THE EASTERLY LINE OF SAID PERMANENT EASEMENT FOR IT'S ENTIRE LENGTH.

The PARTY OF THE SECOND PART, its successors and assigns, shall have the right of ownership, use and control of all water lines, meters, vaults and other equipment for the circulation and distribution of water for public or private use, through the above described property and for all proper purposes connected with the installation, use, maintenance, and replacement of the water lines (and other equipment) and with the attachment therein of services lines of its customers.

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The PARTY OF THE FIRST PART agrees not to obstruct or interfere with the maintenance of such pipe line, and connections to the pipe line, be erecting, or causing or allowing to be erected any building or structure on said easement and right-of-way. This restriction shall not preclude the continued maintenance of and use of existing access rights from the property of the Grantor, nor shall it preclude the construction and maintenance of driveways, roadways, walkways, steps or other improvements for ingress and egress over, across, and upon the easement granted hereunder, subject to the Ordinance of the PARTY OF THE SECOND PART relating to the construction, location and maintenance thereof.

It is mutually agreed between the parties hereto that the PARTY OF THE SECOND PART shall restore the ground and all permitted improvements thereon insofar as practicable to its original condition, after the laying of said pipe lines, or any subsequent maintenance of repair operations.

The PARTY OF THE FIRST PART shall have the righ: to connect to and use the water line to be constructed in the easement granted herein, subject to all Ordinances of the PARTY OF THE SECOND PART relating thereto.

This grant and easement shall, at all times, be deemed to be and shall be, a continuing covenant running with the land and shall be binding upon the successors and assigns of the PARTY OF THE FIRST PART.

The PARTY OF THE FIRST PART covenant and agree that it is the owners in fee of

the above described premises, that it has a good right to convey the same, and that it will warrant and defend the title thereto against the claims and demands of all persons whomsoever. IN WITNESS WHEREOF, we have hereunto set my hand this September, 1991. Secretary Witness: seld. Johns STATE OF MISSOURI) COUNTY OF CASS , 1991, before me, the undersigned Notary day of Sup SOUTHVIEW GOLF CLUB, INC., to me known to be the identical persons described in, and

IN TESTIMONY WHEREOF, I have hereto set my hand and affixed my official seal the day and year 1st above written.

who executed the foregoing instrument, and who affixed their signatures thereto and

acknowledge that they executed the same as their free act and deed.

BRAD C. FOSTER NOTARY PUBLIC STATE OF MISSOURY COUNTY OF CASS

My Commission Expires:\_\_\_\_

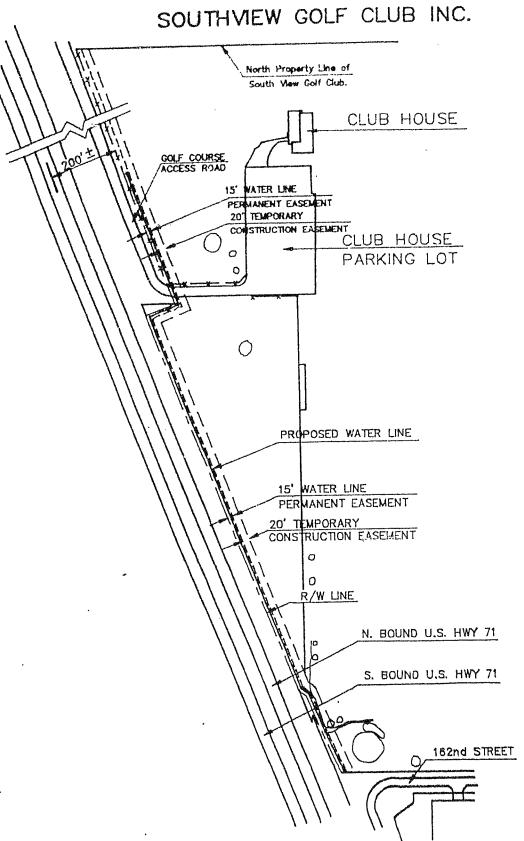
MY-COMMISSION EXPINES JAN: 30, 1966

# WATER LINE EASEMENT

公司的明明 持衛的人 经工作的产品的证明的现在分词

SW 1/4 SEC. 1, T 46, R 33

OWNERS



#### DEED OF EASEMENT

THIS INDENTURE, Made this 1/4 day of 1991, by and between SCUTHVIEW GOLF CLUB, INC., a Corporation organized and existing under the laws of the State of Missouri; whose mailing address is 162nd Street and Highway 71, City of Belton County of Cass, State of Missouri, hereinafter referred to as the PARTY OF THE FIRST PART, who is the owner of the below described property, and by the CITY OF BELTON, MISSOURI, a municipal corporation, herein after referred to as the PARTY OF THE SECOND PART, whose mailing address is 506 Main, Belton, Missouri 64012.

WITNESSETH: That the PARTY OF THE FIRST PART, in consideration of the sum of Obac (1/20) dollars and other good and valuable consideration to them paid by the CITY OF BELTON, MISSOURI, the PARTY OF THE SECOND PART, the receipt of which is hereby acknowledged, the PARTY OF THE FIRST PART does hereby grant, bargain, sell, transfer, and convey unto the PARTY OF THE SECOND PART, its successors and assigns, a perpetual easement with the right to survey, erect, construct, install, and lay and thereafter use, operate, inspect, repair, maintain, replace, and remove a water pipe line in, on, over, under, along and across, including the right and privilege at any time to enter said easement and lay, construct, operate, maintain, repair, replace and remove pipe lines, meters, vaults, and appurtenances on the following described land in Cass County, Missouri, to-wit:

A PERMANENT EASEMENT, 15 FEET IN WITCH, THE WESTERLY LINE OF WHICH IS DESCRIBED AS FOLLOWS:

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BEGINNING AT THE CORNER OF THE GOLF COURSE FENCE AT THE INTERSECTION OF HIGHWAY 71 AND 162ND STREET; THENCE 250 FEET, MORE OR LESS, NORTHWESTERLY ALONG SAID FENCE LINE TO A FENCE CORNER; THENCE NORTHWESTERLY 25 FEET, MORE OR LESS TO THE EASTERLY RIGHT-OF-WAY LINE OF HIGHWAY 71; THENCE NORTHWEST ALONG SAID RIGHT-OF-WAY LINE 1115 FEET MORE OR LESS, TO APOINT ON SAID RIGHT-OF-WAY LINE WHICH IS LOCATED 37 FEET SOUTHEAST, MORE OR LESS, FROM AN EXISTING STATE HIGHWAY RIGHT-OF-WAY MARKER; THENCE TURNING 90 DEGREES TO THE RIGHT AND PROCEEDING

18/1

NORTHEAST 93 FEET, MORE OR LESS, TO AN EXISTING STATE HIGHWAY RIGHT-OF-WAY MARKER; THENCE TURNING 90 DEGREES TO THE LEFT AND PROCEEDING NORTHWEST ALONG THE OUTER ROAD RIGHT-OF-WAY LINE OF HIGHWAY 71 TO THE NORTH PROPERTY LINE OF THE GOLF COURSE.

ALSO, A TEMPORARY CONSTRUCTION EASEMENT FOR CONSTRUCTION PURPOSES, 20 FEET IN WIDTH, ABUTTING THE EASTERLY LINE OF SAID PERMANENT EASEMENT FOR IT'S ENTIRE LENGTH.

The PARTY OF THE SECOND PART, its successors and assigns, shall have the right of ownership, use and control of all water lines, meters, vaults and other equipment for the circulation and distribution of water for public or private use, through the above described property and for all proper purposes connected with the installation, use, maintenance, and replacement of the water lines (and other equipment) and with the attachment therein of services lines of its customers.

The PARTY OF THE FIRST PART agrees not to obstruct or interfere with the maintenance of such pipe line, and connections to the pipe line, be erecting, or causing or allowing to be erected any building or structure on said easement and right-of-way. This restriction shall not preclude the continued maintenance of and use of existing access rights from the property of the Grantor, nor shall it preclude the construction and maintenance of driveways, roadways, walkways, steps or other improvements for ingress and egress over, across, and upon the easement granted hereunder, subject to the Ordinance of the PARTY OF THE SECOND PART relating to the construction, location and maintenance thereof.

It is mutually agreed between the parties hereto that the PARTY OF THE SECOND PART shall restore the ground and all permitted improvements thereon insofar as practicable to its original condition, after the laying of said pipe lines, or any subsequent maintenance of repair operations.

The PARTY OF THE FIRST PART shall have the right to connect to and use the water line to be constructed in the easement granted herein, subject to all Ordinances of the PARTY OF THE SECOND PART relating thereto.

This grant and easement shall, at all times, be deemed to be and shall be, a continuing covenant running with the land and shall be binding upon the successors and assigns of the PARTY OF THE FIRST PART.

The PARTY OF THE FIRST PART covenant and agree that it is the owners in fee of the above described premises, that it has a good right to convey the same, and that it will warrant and defend the title thereto against the claims and demands of all persons whomsoever.

My Commission Expires:

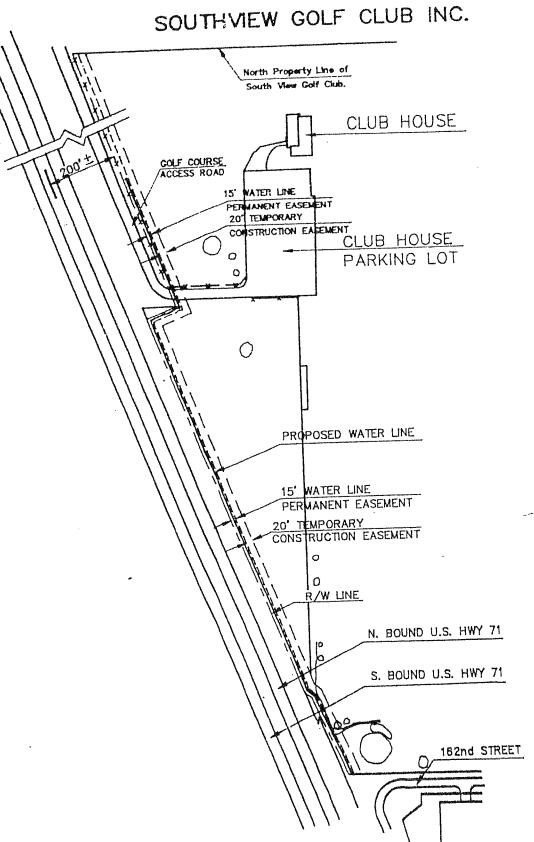
IN WITNESS WHEREOF, we have hereun	President
	Secretary S
Witness: Carla Johns	122 P I: 5 001187
STATE OF MISSOURI) ) SS COUNTY OF CASS )	
On This 194 day of Secturity, I Public, personally came vic an SOUTHVIEW GOLF CLUB, INC., to me known to be who executed the foregoing instrument, and who acknowledge that they executed the same as their free	e the identical persons described in, and affixed their signatures thereto and
IN TESTIMONY WHEREOF, I have hereto so the day and year 1st above written.	Gul (- Fortuna)
BRADIC, FOSTER NOTARY PUBLIC STATE OF MISS COUNTY OF CASS	OUNI

# WATER LINE EASEMENT

SW 1/4 SEC. 1, T 46, R 33

OWNERS

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# Convenance

For State Highway Purposes

COMPARED

MO. SHC - L & R/W-5A

\_ #alia

A.D. , 1968, by and between

THE !NORNTURE Made this February 5

SOUTHVIEW GOLF CLUB, INC.

and State of Missouri

Jackson of the first part, and the STATE OF MISSOURI, acting by and through the STATE HIGHWAY COMMISSION OF MISSOURI, party of the second part. \*\* WITNESSETH, that the said part Y

of the first part, in consideration of the sum o Thirty-One Thousand and NO/100 (\$31,000.00)

paid by the party of the second part, the receipt of which is hereby acknowledged, do es by these presents grant, bargain and sell, convey and confirm unto the said party of the second part, its successors and assigns, the following described real estate and interests in real estate situate in the County of . State of Missouri, to-wit:

A tract of land for the improvement of State Highway designated U. S. Route No. 71 over and across all that part of grantors' land in the SW's of the NW's and the W's of the SW4 of Section 1, T46N, R33W, lying within the widths as hereinafter designated on the left or Easterly side of the following described survey centerline for said highway improvement and the centerline of the outer-roadway; containing, 3.51 acres of new land for right-of-way.

The survey centerline of the median of said highway is located and described as bllows: Beginning at an iron pin marking the Southwest corner of the Northwest quarter of Section 1, T46N, R33W; thence North 71° 58' East 198.1 feet to Station 55+64.2 on said survey centerline; thence from said Station 55+64.2 the survey centerline extends South 18<sup>C</sup> 02' East a distance of 2105.8 feet to Station 75+70. Also beginning at said Station 55+64.2 as above located, the survey centerline extends North 18<sup>O</sup> 02' West a distance of 834.2 feet to Station 47+30; thence at right angles to last described centerline North 710 58 ' East 150 feet to Station 47+30 on the centerline of the outer-roadway, said Station being point of tangent of a 5° curve to the right having an interior angle of 18°; then the outer-roadway centerline extends Northerly along the curve from said Station 47+30 tangent at said point to a line having a bearing of North 18° 02' West a distance of 360 feet to point of curve Station 43+70; thence North 00° 02' West 145 feet to Station

The widths of right-of-way on the left or Easterly side of the above described outer-roadway centerline and survey centerline are as follows: from outer-roadway centerline from Station 43+70 to Station 47±30 ancluding all that part onright of said centerline between said centerline and the Easterly right-of-way line of existing highway; thence 200 feet inwidth from the highway survey centerline from highway survey centerline Station 47+30 to Station 63+02.

Also, an easement on a tract of land for the construction or improvement of a drainage ditch; containing 0.06 of an acre. Said tract located in the Southwest quarter of the Worthwest quarter of said Section 1 on the West side of existing highway, is described as follows: Beginning on West line of highway opposite survey centerline Station 53-75; thence Southerly along West line of Highway 137 feet to point opposite Station 55+12; thence Westerly 53 feet to a point opposite and 167 feet Westerly of Station 54+77; thence North 110 feet to the beginning. The drainage ditch will be constructed on only part of said land, the extra land being included for men and machinery to work and turn on. After completion of the construction of the drainage ditch, the owners of said land may fence and shall have the free and uninterrupted possession and use of said tract, subject only to the Highway Commission's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditch

Also, all abutters' rights of direct access between the highway now known as U. s. Route No.71 and grantors' abutting land in the NW4 and the SW4 of Section 1, T46N, R33M; except that there is reserved to grantor, its successors and assigns, the usual right of direct access (1) to any adjacent outer-roadway if, and while it may be mintained by proper authority in front of said land, and (2) along it to and from the market lane of the throway or public righway. This conveyance is made upon the condition and understanding that the State will construct and maintain such an adjacent outer-roadway extending South along the East side of highway from grantors' North property line at outer-roadway centerline Station 43+00 to Station 76+70 on the survey centerline of highway.

Southview Golf Club, Ind. 162nd and Mighway 71 Mowte 71 Case County Belten Me

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TO HAVE AND TO HOLD the same, with all rights, privileges, appa	urtenances, and immu	nities therato belonging or in anyw	ise appertaining, unto sald party of the
second part, its surressors and assigns forevert the and part. Y. of the	e first part hereby co	enanting that IC lewful	ly seized of an Indefeasible estate in lee
in the premises because conveyed; that it has 8 good right to a it or these under whom it claim			of any incumbrances done or suffered by the fittle to raid premius unto said party
of the scoon part, and unto its successors and assigns, foreser, against the	he lawful claims and	demands of all persons whomsoever,	
· · · · · · · · · · · · · · · · · · ·		iove the day and year first above wri	Iten.
•		SOUTHVIEW GOLF C	UB, INC.
(Corporate Seal) ATTEST: Basil V. Sims Sr Sec		C. C. Burlile, I	lyacidant
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On this day of			19 , before me personally appeared
to me known to be the person described in and who executed the for executed the same as free act and deed and for t		d therein and no other. And the si	
1/2 TESTIMONY WHEREOF, I have hereunto set my hand and affine			be single and sentratified by and year first abstraction to the
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SASS ON THIS COURT	1.	ACKHOWLEGOMINT I	MARY ARRAGA. VI
JACKSON	j**	VCK MAN IA CHAMMALA I	IL COMMONITIONA
Critic Sth day of Fabruary	·	. 19 68	before me sesserai
c. c. Burlile		•	to me perennelly known, who, leving his
one drive source did say that he is the President		iouthview dolf Club	
and their star cast affixed to the foregoing instrument is the normality ver	d of said corporation,	range saw transutted bise taft bins	and water on technical process and comparation
to make the military of the chard of directors for the consideration stated liversin it	and no other, and esti	C. C. Burlile	
secured him to bend the and and and of termination that the distinct of	oration)		
14) TELTINOMY WHEREOF, I have herecoche our my hand and affine	ed the alterial spaint to	he County and Brate ateresaid, the is	the best total total statement
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to a foreigning board was filed for special by this offlice of the		dos 64	Medical Property of the Committee of the

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THIS INDENTURE, Made this 13th day of January, 1954, by and between Scott Wilson and Sue Williams Wilson, husband and wife, John Van Brunt, Jr. and Grace Wilson Van Brunt, husband and wife, Richard L. Dunlap and Lucy Wilson Dunlap, husband and wife, Scott Wilson, Trustee for Susan W. Greene, of the County of Cass, State of Missouri, parties of the first part, and the STATE OF MISSOURI, for the use of the STATE HIGHWAY COMMISSION OF MISSOURI, party of the second part,

WITNESSETH, that the said part --- of the first part, in consideration of the sum of THREE THOUSAND FIVE HUNDRED AND NO/100 DOLLARS, to them paid by the said party of the second part, the receipt of which is hereby acknowledged, do by these presents, grant, bargain and sell, convey and confirm unto the said party of the second part, its successors and assigns, the following described real estate and interests in real estate situate in the County of Cass, State of Missouri, towit:

A tract of land 215 feet in width and 1455 feet in length, located in a part of the SW! of Section 1, T46N, R33W, and containing 0.191 of an acre in old roads and 6.852 acres of new land, of said width 140 feet is on the westerly and 75 feet on the easterly side of a survey centerline for a proposed relocation of a State Highway designated Route US 71, and is included between the north line of owners property passing through Station 61/99 and south property line passing through Station 76/54, of the survey of said centerline. (Note: Except that part of said tract lying east of the east line of owners property between Stations 74/50 and 76/54).

Station 61/99 on said centerline is located at a point 2145.84 feet north and 448 feet east of the southwest corner of said Section 1, and from said Station the centerline extends south 21° 13' 30" east the distance of 1455 feet to Station 76/54.

Also, all abutters' rights of direct access between the highway, now known as Route US 71, and Grantors abutting land lying in a part of the SW1 of Section 1 T 46N, R33W; except that there is reserved and excepted to Grantors their heirs and assigns, the usual right of direct access to any adjacent outer-roadway if, and while it may be maintained by proper authority in front of said land, and along it to and from the nearest lans of the thruway or public highway, and at all times when no outer-roadway is being so maintained, there is reserved and excepted the right of direct access to the nearest lane of the thruway on both sides of the highway centerline between Grantors north property line (passing through Station 61/99) and a point 40 feet southerly, on the right-of-way lines; said right of direct access on either side of centerline shall be connected with a double entrance to the nearest lane of the throughway having a total travel width of 24 feet.

Scott Wilson et.al

Scott Wilson st.al Cass County, Route US 71

TO HAVE AND TO HOLD the same for the purpose of constructing and maintaining a state highway, or for the purpose above set out according to the plans of the State Highway Commission of Missouri, together with all and singular the rights, privileges, appurtenance and immunities thereto belonging, or in anywise appertaining, unto the said party of the second part, and unto its successors and assigns, forever,

IN WITHERS whichbuf, the said parties of the first part have executed the above the day analysis first above writien.

Scott Wilson

Scott Wilson Trustee for Susan W. Greens

Sue Williams Wilson

John Van Brunt, Jr.

Grace Wilson Van Brunt

Lucy W. Dunlap

Richard L. Dunlap

STATE OF MISSOURI )

County of Jackson )

On this 14 day of Jan, 1954, before me personally appeared Scott Wilson and Sue Williams Wilson, husband and wife, to me known to be the persons described in and who executed the foregoing instrument, who being duly sworn by me, acknowledged that they executed the same as their free act and deed, and for the consideration stated therein and no other.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written.

My term expires Dec 9-1955.

(SEAL)

James O. Griffiths Notary Fublic.

STATE OF Missouri ) ss.

On this 13th day of January, 1954, before me personally appeared John Van Brunt, Jr. and Grace Wilson Van Brunt, husband and wife, to me known to be the persona described in and who executed the foregoing instrument, who being duly sworn by me, acknowledged that they executed the same as their free act and deed and for the consideration stated therein and no other.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written.

(SEAL) Margaret S. Miller Notary Public

My term expires March 17, 1956.

STATE OF Missouri ) ss.

On this 14 day of Jan., 1954, before me personally appeared Richard L. Bunlap and Lucy Wilson Dunlap, husband and wife, to me known to be the persons described in and who executed the foregoing instrument who being duly sworn by me, acknowledged that they executed the same as their free act and deed and for the consideration stated therein and no other.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written.

My term expires Dec. 9-1955.

(SEAL)

James O. Griffiths Notary Public 3

STATE OF D.C. ) ss.

On this loth day of Jan. 1954, before me personally appeared Scott Wilson, Trustee for Susan W. Greene, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed as Trustee for Susan W. Greene, and for the consideration stated therein and no other.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written. Chas. E. Alden, N.P. D.C. (SEAL)

My term expires Aug. 14-1957.

Filed for record March 2, 1954 at 11:55 AM.

By Rouline Reeder Boputy G.R. George

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#### CEMETERY DEED

THIS DEED, Made on the Twenty-first day of December A.D. Nineteen Hundred and Fifty-three by and between the CITY OF PLEASANT HILL, Cass County, Missouri, a corporation, as party of the first part, and Retha Goodrich, of the Town of Grain Valley in the State of Missouri, party of the second part:-

Witnesseth, That the said City of Pleasant Hill, party of the first part, for and in consideration of the payment of the sum of Twenty-five & 00/100 DOLLARS, in the lawful money of the United States, to the said City of Pleasant Hill duly paid by the said party of the second part hereto, the receipt whereof is hereby acknowledged, doth grant, bargain and sell, convey and confirm by these presents, unto the party of the second part, and to her heirs and assigns forever, a certain tract or tracts, purcel or parcels of land lying in the "PLEASANT HILL CEMETERY OROUNDS" in Cass County, Missouri, and more particularly described as Lot ---- Number , Block Number ----Northeast Quarter lot #197, section "C" Pleasant Hill Gemetery

To Have and to Hold, The said premises aforeseid, with all and singular the rights, privileges, franchiese and immunities therato belonging, for burial purposes only, unto the said party of the second part, and unto her heirs and ascigns forever, the said City of Pleasant Hill hereby covenanting that it is lawfully seized of an indefeasible estate in few simple in the premises hereby and herein conveyed, and has good right to convey the same, and that the said City

or Pleasan, Will will Engrant and defend the title to said premises unto the said party of the decred part, and unto her beirs and assigns.

The sold lite of Pleasant Pill hereby expressly reserves the sole right to aproint Sexuons to account to and same for said dematery Grounds, and the right of making and enforcing all rules, ordinances and regulations pertaining in any Filed for record December 4, 1953 at 2:20 PM.

By Parline Roader Doputy

Recorder

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THIS INDENTURE, Made this 20th day of July, 1953, by and between William A. Howell and Leola D. Howell, husband and wife and Alvin H. Howell and Joyce G. Howell, husband and wife of the County of Jackson, State of Missouri, parties of the first part, and the STATE OF MISSOURI, for the use of the STATE HIGHWAY COMMISSION OF MISSOURI, party of the second part,

WITNESSETH, that the said parties of the first part, in consideration of the sum of EIGHTEEN HUNDRED THIRTY AND NO/100 DOLLARS, to them paid by the said party of the second part, the receipt of which is hereby acknowledged, do by these presents grant, bargain and sell, convey and confirm unto the said party of the second part, its successors and assigns, the following described real estate and interests in real estate situate in the County of Cass, State of Missouri, to-wit:

Two tracts of land designated A and B. Said tracts being in Lot 1 of NWt and part of the SWt of Sec. 1, T46N, R33W, and containing a total of 0.121 of an acre in an old road and 5.872 acres of new land.

Tract A lies to the right and left of a survey centerline for a proposed relocation of a State Highway designated Route US 71, and is included between Stations 47/25 and 61/99 of the survey of said centerline.

Station 61/99 on said centerline is located at a point 2145.84 feet north and 448 feet east of the southwest corner of said Section 1, and from said Station the centerline extends north 210-13:-30" west, 1267.41 feet to the P.T. of a 20 curve to the right, said curve having an interior angle of 210-48:-30"; thence northerly along said curve 206.6 feet to Station 47/25.

Tract A is bounded as follows: Beginning at Station 61/99 on said centerline; thence west along south property line, 151.4 feet to a point; thence northwesterly paralleling and 140 feet westerly from said centerline, 341 feet to a point opposite Station 56/00; thence northwesterly 102 feet to a point opposite and 140 feet westerly from Station 57/00; thence northerly paralleling and 160 feet westerly from said centerline, 350.5 feet to a point on west property line opposite Station 53/49.5; thence north 37.5 feet to Station 49/40.4; on said centerline; thence continuing north 211.7 feet to a point eppenite and 75 feet easterly from Station 47/42; thence seutheasterly paralleling and

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75 feet easterly from said centerline, 875 feet to a point oppersite Station 56,400; thence southeasterly 76.5 feet to a point opposite and 90 feet easterly from Station 56,475; thence southerly 76.5 feet to a point opposite and 75 feet easterly from Station 57,450; thence southeasterly paralleling and 75 feet easterly from said centerline, 480 feet to a point; thence west 81.5 feet to the point of beginning.

Tract 5 is located as follows: Beginning at a point in the center line of a County road, 977.33 feet east and 802 feet, more or less, north of the southwest corner of said Section 1; said point being also survey Station 76/54 on the centerline of said highway; thence east along the center of county road, 91.9 feet to a point; thence north 21°-13'-30" west, paralleling and 85 feet easterly from the centerline of said highway a distance of 235 feet to a point opposite Station 7/4/50; thence south 220 feet to the point of beginning.

Grantors, for themselves, their heirs, successors, assigns, and invitees, convey and relinquish all abutter's rights of direct access between their property located in Lot 1, of NW $^1_{\star}$  and part of SWL of Sec. 1, TAON, R33W, in Cass County, Missouri (outside the right-of-way) and the adjacent outer roadway shown from Station 74/50 and Station 76/54 on the road plans for State Highway now designated Route US 71, and also any other adjacent outer roadway which may be maintained by a governmental agency on said highway, and along such outer roadway to the thruway; and during (and only during) such time as no other adjacent outer roadway is being so maintained, the right of direct access is reserved to and from such thruway at three places as shown on the road plans, each having a travel surface width of 14 feet and shown, one as a "F.E." and two as "P.E.". The "F.E." is centered on the easterly right-of-way line opposite Station 45/00, and one "P.E." is centered on the easterly right-of-way line east of Station 61/49, and one centered on the westerly right-of-way line west of Station 61/89; and ownership of said abutting property shall not give any other right of access greater than, or different from, those belonging to the general traveling public.

TO PAVE AND TO HOLD the same for the purpose of constructing and main-taining a state highway, or for the purpose above set out accoding to the plans of the State Highway Commission of Missouri, together with all and singular the rights, privileges, appurtenances and immunities thereto belonging, or anywise appartaining, unto the said party of the second part, and unto its successors and appartaining. Contents

IN WITNESS WHEREOF, the said parties of the first part have executed the above the day and year first above written.

William A. Howell Leola D. Howell Alvin P. Howell Joyce G. Powell

William A. Howell et al. Cass Co. Route US 71

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#### ACKNOWLEDGMENT BY INDIVIDUALS

STATE OF Missouri ) ss. County of Jackson )

On this 21st day of July, 1953, before me personally appeared William A. Howell and Leola D. Howell, husband and wife and Alvin H. Howell and Joyce G. Howell, husband and wife, to me known to be the persons described in and who executed the foregoing instrument, who being duly sworn by me, acknowledged that they executed the same as their free act and deed and for the consideration stated therein and no other.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the County and State aforesaid, the day and year first above written.

My term expires February 28, 1955.

(SEAL)

George E. Sleppy Notary Public Title

Filed for record November 30, 1953 at 11:40 AM.

By Tauline Rander

Deputy 6 Q. Jarrage

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EXECUTOR'S DEED

WHEREAS, Davis T. Parrish of the County of Cass and State of Missouri, by his last will and testament duly proven and admitted to probate by the Prohate Court within and for the County of Cass and State of Missouri did appoint the undersigned James L. Phillips Executor of his last will and testament:

AND WHEREAS Letters Testamentary were, on the 26th day of December A.D. 1952 granted to the undersigned by the Probat Court within and for the County of Cass and State of Missouri according to law:

AND WHEREAS, the said Davis T. Parrish deceased, by his will so probated as aforesaid, did empower and direct his Executor in said will named to sell and convey the real estate hereinafter described for the purpose of payment of debts, legacies and the final settlement of his astate, according to the provisions of decedent's Last Will and Testament, and did also give said Executor the power to sell at public on private sale as might seem to him heat!

AND WHEREAS, William W. Moses and Bensis M. Moses, his wire, of the County of Cass and, brate of Missouri have bought of the undersigned Executor the real estate hereinafter described, and have paid to me therefor the same of Three Thousand Five Fundred and Two sty-five Dellars, and no Cents, ble receipt of which I do tereby acknowledge.

NOW THEREFORE, in consideration of the premises and of the sum of Three Thousand Five Hundred and Twenty-Live Dellars and no Cents, and by virtue of the

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Ind Br. 98

IN THE CIRCUIT COURT OF THE COUNTY OF CASS

STATE OF MISSOURI, AT HARRISONVILLE

STATE OF MISSOURI, ex rel.,

STATE HIGHWAY COMMISSION OF MISSOURI.

Plaintiff.

30602

VB.

)NO.

SOUTHVIEW GOLF CLUB, INC.,

Defendanta."

REPORT OF COMMISSIONERS

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ind J. B. Trillyman , who were heretofore duly

appointed commissioners in the above entitled cause, and report that they forthwith accepted said appointment; they met together; took and filed in this cause their QUALIFYING OATH; all three viewed all the properties together; that the lands and properties were staked and laid out at the time in accordance with the descriptions in the PETITION; that they examined the respective descriptions while viewing the corresponding properties; that they considered and weighed the damages, if any, which the Defendants owning the several properties will sustain by reason of the appropriation set out in the petition, and took into consideration the benefits to be derived by the owners as well as the damages sustained thereby, as is required by law, -all to the extent of their effect on, and as reflected in, the market values of the several entire properties, of which the respective parcels described herein are parts; and that they do herein and hereby forthwith return, under oath, to the circuit clerk their report in duplicate, setting forth and stating separately as to each property or group of properties held under the same ownerships, (1) the amount of net damages, if any, together with, and immediately following, (2) a specific description of the property, for the taking or use of which the damages are assessed, to-wit:

Lands, properties or interests, ownership of or legal rights in which are claimed by HELEN MOLINARO, JOSEPH A. HOSKINS, MARY ELIZABETH HOSKINS, HARLOW B. KING, LUCILLE E. KING, ANDY M. KLEIN, LAVONNE KLEIN, HARRY C. FEINGOLD, ELAINE E. FEINGOLD, J. J. JONES, Collector of Revenue of Cass County, Missouri, and the unknown heirs, grantees, successors or assigns of LAVONNE KLEIN and of ANDY M. KLEIN, to-wit:

10.10 A tract of land for the improvement of state highway designated Route 71, Cass County, Missouri, located in that part of the SW4 of Section 1, T46N, R33W, lying South of the centerline of public road as now established. Said highway improvement is included between defondants North property line passing through Station 76+55 and the South line of the SW4 of said Section 1 passing through Station 85+57 of a survey of the centerline of the median of Highway 71. Said tract joining on the East side of existing highway includes all that part of defendants' land lying within the widths as hereinafter designated on the left or East side of the following described centerline of a proposed outer-roadway extending in a Northerly - Southerly direction along the Easterly side of highway and also, all that part on the right of said outer-roadway centerline between said centerline and the Easterly line of existing highway; containing 2.05 acres of new land for right-of-way.

in .11 The survey centerline of the median of said highway is located and described as follows: Starting at an iron pipe marking the NW corner of the SW% of Section 1, Then, R33W; thence North 71 58! East a distance of 198.1 feet to Station 55+64.2 on said survey centerline; thence from said Station 55+64.2 the survey centerline of the median of said highway extends South 18° 02! East 2090.8 feet to center of public road at Station 76+55; thence continues South 18° 02! East 287.7 feet to point of curve Station 79+42.7 of a 1° 58.7! curve to the left having an interior angle of 30° ll! and a forward tangent bearing of South 48° 13! East; thence extends Southerly along the curve 614.3 feet to the South line of the SW% of said Section 1 at Station 85+57; thence continues Southerly along the curve 153 feet to Station 87+10.

10.12 The centerline of the outer-roadway is located and described as follows: Starting at Station 76+00 on the above described median survey centerline of said highway; thence at right angles North 71° 58! East 150 feet to Station 76+00 on the outer-roadway centerline; thence from said Station 76+00 the outer-roadway centerline extends South 18° 02! East paralleling the median centerline of highway a distance of 342.7 feet to point of curve Station 79+42.7 of a 2° 05! curve to the left having an interior angle of 24° 52 and a forward tangent bearing of South 42° 54! East; thence the outer-roadway centerline extends Southeasterly along the curve 725.3 feet to Station 86+68.

10.13 The widths of right-of-way on the left or East side of the above described outer-roadway centerline are as follows: A width increasing uniformly from 50 feet at Station 76+20 to 130 feet at Station 77+31; thence decreasing uniformly to a width of 98 feet at Station 78+10; thence decreasing uniformly to a width of 50 feet at Station 78+50; thence 50 feet in width from said Station 78+50 to South line of 'SW's of said Section 1 at Station 86+68.

10.14 Also, all abutters rights of direct access to and from the highway now known as Route 71 and defendants' abutting land in the SW4 of Section 1, T46N, R33W, being between highway median centerline Stations 76+11 and 84+72 on the West side of highway and between outer-road-way centerline Stations 77+64 and 86+68 on the East side of highway; except that there is reserved to defendants the usual right of direct access (1) to any adjacent outer-roadway if, and while it may be maintained by proper authority in front of said land, and (2) along it to and from the nearest lane of the thruway or public highway. Relator will construct and maintain such an adjacent outer-roadway along all of defendants! frontage on the East side of the highway, being from outer-roadway centerline Station 77+64 to outer-roadway centerline Station 86+68.

Tract #3

(\$10,125.00) is assessed by the Commissioners

as net damages for the appropriation of the above.

11.0 Lands, properties or interests, ownership of or legal rights in which are claimed by SCOTT WILSON, SUE WILLIAMS WILSON, RICHARD L. DUNLAP. LUCY WILSON DUNLAP, JOHN R. VAN BRUNT, JR., GRACE WILSON VAN BRUNT, SUSAN W. GREENE, SCOTT WILSON, Trustee for SUSAN W. GREENE, J. J. JONES, Collector of Revenue, Cass County, Missouri, and the unknown heirs, grantees, successors or assigns of SCOTT WILSON and of SUE WILLIAMS WILSON and of SCOTT WILSON as Trustee for SUSAN W. GREENE, to-wit:

11.10 A tract of land for the improvement of state highway designated U. S. Route No. 71, Cass County, Missouri, located in a part of the Wig of the Swing of Section 1, Theon, R33W, and is included between defendants! North property line passing through Station 62+19 and the centerline of public road passing through Station 76+55 on the median survey centerline of said highway. Said tract joining on the East side of existing highway includes all that part of defendants! land in the Wig of the Swing of said Section 1 which lies within the widths as hereinafter designated on the left or Easterly side of the hereinafter described survey centerline of a proposed outer-roadway along the Easterly side of highway and also, all that part on the right or Westerly side of said outer-roadway centerline between said centerline and the Easterly line of existing highway; containing 2.83 acres of new land for right-of-way.

ll.ll The survey centerline of the median of said highway is located and described as follows: Beginning at an iron pin marking the Northwest corner of the SW4 of Section 1, T46N, R33W; thence North 71 58' East a distance of 198.1 feet to Station 55+64.2 on said survey centerline; thence from said Station 55+64.2 the survey centerline of the median of said highway extends South 18 02' east 654.8 feet to North property line extended West passing through Station 62+19; thence continues South 18 02' East 1436 feet to center of public road at Station 76+55.

l1.12 The centerline of the outer-roadway is located and described as follows: Beginning at Station 76+00 on the above described median survey centerline of Highway 71; thence at right angles North 71° 58! East 150 feet to Station 75+00 on the outer-roadway centerline; thence from said Station 75+00 the outer-roadway centerline extends North 18° 02! West paralleling the median centerline of highway a distance of 824.7 feet to point of tangent Station 66+75.3 of a 12° 44! curve to the right having an interior angle of 19°; thence extends Northerly along the curve 149.3 feet to point of curve Station 65+26; thence North 0° 58' East 99.3 feet to point of tangent Station 64+26.7 of a 38° 12' curve to the right having an interior angle of 90°; thence Northeasterly along the curve 235.6 feet to point of curve Station 61+91.1.

ll.13 The widths of right-of-way on the left or Easterly side of said outer-roadway centerline are as follows: A width of \$60 feet at Station 61+91.1; thence along a straight line to a width of 50 feet at Station 64+26.7; thence 50 feet in width from said Station 64+26.7 to Station 75+00.

access between the highway now known as U. S. Route No. 71 and defendants' abutting land in the Who of the SWho of Section 1, Theon, R33W; except that there is reserved to defendants the usual right of direct access (1) to any adjacent outer-roadway if, and while it may be maintained by proper authority in front of said land, and (2) along it to and from the nearest lane of the thruway or public highway. Relator will construct and maintain such an adjacent outer-roadway along all of defendants' frontage on the Easterly side of the highway (being between Station 61+91.1 and Station 72+90 on the outer-roadway centerline) and there is reserved to defendants, the usual right of direct access between the abutting land and such outer-roadway.

Tract #4

DOLLARS

(\$25,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

- 12.0 Lands, properties or interests, ownership of or legal rights in which are claimed by SHEROD L. BRADLEY, ALICE JOYCE BRADLEY, W.H.L. BRADLEY, MABEL M. BRADLEY, PHILLIPS PETROLEUM COMPANY, A Delaware Corporation, J. J. JONES, Collector of Revenue Cass County, Missouri, unknown heirs, grantees, successors and assigns of W.H.L. BRADLEY and of MABEL M. BRADLEY, TO-WIT:
- 12.10 Two tracts of land hereinafter designated A and B for additional right-of-way for state highways U.S. Route 58 gRt.71 in Cass County, Missouri: containing a total of 0.83 of an acre of new land for right-of-way. Said tracts located in the SW4 of the SE½ of Section 7, T46N, R32W, are included between Station 167+22.8 and Station 170+42.2 on the survey centerline of highway U.S. Route 71 and between Station 20+00 and Station 38+00 on the centerline of Route 58 (Station 168+04.8 on centerline Route 71 equals Station 20+00 on centerline of Route 58).
- 12.11 The survey centerline of U.S. Route 71 is located and described as follows: Starting at an iron pin marking the NE corner of the NW4 of Section 12, T46N, R33W; thence South 19° 36' 30" West a distance of 948.2 feet to Station 99+51.2 on said survey centerline; thence from said Station 99+51.2 the survey centerline extends South 48° 13' East a distance of 6160.9 feet to point of curve Station 161+12.1 of a 2° curve to the right having an interior angle of 23° 04' and a forward tangent bearing of South 25° 09' East; thence Southeasterly along the curve 692.7 feet to centerline of Route 58 at Station 168+04.8 (Route 58 centerline Station 20+00); thence continues Southeasterly along the curve 237.8 feet to Station 170+42.6.
- 12.12 The centerline of Route 58 is located and described as follows: Station 20+00 on said centerline is equal to Station 168+04.8 on the centerline of U.S. Route 71 as above located; thence from said Station 20+00 the centerline of Route 58 extends South 86° 43' East a distance of 1800 feet to Station 38+00.
- 12.13 Tract A for additional right-of-way for U.S. Route 71 includes all that part of defendants land in the SW½ of the SE½ of Section 7, T46N, R32W, lying within the widths as designated on the left side of the above described centerline as follows: A width increasing along a 469.29 foot radius curve to the right tangent to a line having a bearing of South 62° 15' East from a width of 534.9 feet at Route 71 centerline Station 167+22.8 to a width of 570.8 feet at Route 71 centerline Station 170+42.6; thence along a straight line to a width of 70 feet at Route 58 centerline Station 27+10.
- 12.14 Also, all abutters rights of direct access between the highway now known as U.S. Route 71 and defendants abutting land in the SW $_{1}$  of the SE $_{2}$  of Section 7, T46N,R32W.
- 12.15 Tract B on which access is not limited for additional right-of-way for Route 58, aaid tract includes all that part of the SW4 of the SE4 of Section 7, lying within the widths as designated on the left or North side of the above described Route 58 centerline, as follows: A width decreasing uniformly from 70 feet at Station 27+10 to 60 feet at Station 29+00; thence 60 feet in width from said Station 29+00 to Station 35+00; thence decreasing uniformly to a width of 30 feet at Station 37+00.

12.20 Also, a temporary easement across 1.61 acres of land for the construction of a By-Pass, said tract includes all that part of the SW% of the SE% of Section 7, T46N,R32W, which lies within the boundaries of the following described tract: Beginning on the Easterly right-of-way line of highway 71, 570.8 feet left of highway 71 survey centerline Station 170+42.6; thence Southeasterly along said right-of way line to a point 70 feet North, as measured at right angles thereto, Route 58, centerline Station 27+10; thence Easterly along North line of Route 58 to a point 30 feet left of Route 58 centerline Station 38+00; thence North 760 20' West to a point 85 feet left of Station 35+00; thence North 860 43' West paralleling Route 58 centerline to a point opposite Station 30+67.2: thence North 620 15' West to the West line of the SW4 of the SE4 of Section 7, T46N, R32W; thence South along West line of said quarter quarter section to the easterly right-of-way line of Route 71: thence Southerly along said right-of-way line to the beginning. After completion of the construction of the interchange of highways U.S. Route 71 and Route 58 and the return of travel to the thruways, the easement rights in said last described tract shall cease and be no longer in effect.

- DOLLAR

(\$5,000,00) is assessed by the Commissioners as net damages for the appropriation of the above.

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- 13.0 Lands, properties or interesting ownership of or legal rights in which are claimed by PROMOTIONAL SPECIALISTS, INC., a Missouri Corporation, JAMES D. HARRINGTON, JESSIE KATHLEEN HARRINGTON, WILLIAM L. MUNDY, YVONNE MUNDY, J.J. JONES Collector of Revenue, Cass County, Missouri, The unknown heirs, grantees successors and assigns of WILLIAM L. MUNDY, and of YVONNE MUNDY, TO-WIT-
- 13.10 A tract of land for the improvement of state highway designated Poute 71, Cass County, Missouri, located in the NW% of SW% of Section 7, T46N, R32W, said tract includes all that part of defendants land in said quarter quarter section lying within 50 feet on the left or Northeasterly side of the following described centerline for a proposed outer-roadway along the Northeasterly side of existing highway Route 71 and also, all that part of defendants land on the right of said outer-roadway centerline, between said centerline and the Northeasterly right-of-way line of existing highway; containing 3.22 acres of new land for right-of-way.
- 13.11 The centerline of the median of said highway Route 71 is located and described as follows: Starting at an iron pipe marking the NE corner of the NW% of Section 12, T46N, R33W; thence South 19° 36' 30" West a distance of 948.2 feet to Station 99+51.2 on said survey centerline: thence from said Station 99+51.2 the median survey centerline of Route 71 extends South 48° 13' east a distance of 3648.8 feet to Station 136+00 a point 531.9 feet south of the E% corner of said Section 12, T46N, R33W: thence continues South 48° 13' East a distance of 1405 feet to Station 150+05.
- cated and described as follows: Station 131+87.7 on said centerline is located at the E½ corner of Section 12, T46N, R33W, a point 531.19 feet North of Station 136+00 on median centerline of Route 71, said Station 131+87.7 on the outer-roadway centerline being point of curve of a 70 30' curve to the left having an interior angle of 50° 30' and a back tangent bearing of South 2° 17' west; thence the outer-roadway centerline extends Southeasterly along the curve 673.3 feet to point of tangent Station 138+61, a point 146 feet Northeasterly as measured at right angles to Station 138+61 on the median survey centerline of highway 71; thence the outer-roadway centerline extends South 48° 13' east paralleling the median survey centerline of Highway 71 a distance of 1144 feet to Station 150+05, a point 146 feet northeasterly as measured at right angles to Station 150+05 on the median survey centerline of highway 71.
- 13.13 Also all abutters' rights of direct access between the highway now known as Route 71 and defendants abutting land in the NWk of the SWk of Section 7, T46N, R32W, except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants frontage on the Northeasterly side of the highway (being from outer-roadway centerline Station 135+40 to Station 150+04) and there is reserve to defendant the usual right of direct access between the abutting land and such outer-roadway.

13.20 Also an easement for the construction of a drainage ditch over and across 0.06 of an acre of land said tract includes all that part of the NW4 of SW4 of said Section 7 lying outside the above described right-of-way which lies within 25 feet on each side of a centerline beginning at outer-roadway centerline Station 145+24.3: thence extending North 11° 47' East a distance of 57.7 feet to Northeast right-of-way line of highway (a point opposite and 50 feet northeasterly of Station 144+95.5); thence continuing North 11° 47' east 50 feet to a point. The drainage ditch will be constructed on only part of said land, the extra land being included for men and machinery to work end turn on. After completion of the construction of the drainage ditch, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditch.

\_\_DOLLARS

(8 19,500.00) is assessed by the Commissioners as net damages for the appropriation of the above.

comporation of interests, ownership of or legal rights in which are claimed by JAMES D. HARRINGTON, JESSIE KATHLEEN HARRINGTON, WILLIAM L. MUNDY, YVONNE MUNDY, SPRINGDALE LAKE MOBIL HOMES ESTATES; INC., a Missouri Corporation, BANK OF ODESSA, a Missouri Corporation, WILLIAM C. PARTIN, Trustee, CORPORATION SERVICE & INVESTMENT COMPANY, a Missouri Corporation, J. J. JONES, Collector of Revenue of Cass County, Missouri, and the unknown heirs, grantees, successors or assigns of WILLIAM L. MUNDY and of YVONNE MUNDY, to-wit:

14.10 A tract of land for the improvement of state highway designated Route 71, Cass County, Missouri, located in the NW4 of SW4 and SW4 of NW4 of Section 7, T46N, R32W. Said tract includes all that part of defondants! land in said NW4 of SW4 and SW4 of NW4 of Section 7 which lies within 50 feet on the left or Easterly side of the following described centerline for a proposed outer-roadway along the northeasterly side of existing highway 71 and also, all that part on the right of said outer-roadway centerline, between said centerline and the northeasterly line of existing highway; containing 0.37 of an acre of new land for right-of-way.

lt.11 Station 131+00 on the outer-readway centerline is a point North 2° 17' East 87.7 feet from the E½ corner of Section 12, Th6N, R3W; thence from said Station 131+00 the outer-readway centerline extends South 20 West 87.7 feet to point of curve Station 131+87.7 of a 7° 30' curve to the left having an interior angle of 50° 30' and a forward tangent bearing of South 48° 13' East; thence the outer-readway centerline extends Southeasterly along the curve 673.3 feet to point of tangent Station 138+61, a point 146 feet Northeasterly as measured at right angles to Station 138+61 on median survey centerline of highway 71.

14.12 Also all abutters rights of direct access between the highway now known as Route 71 and defendents' abutting land in the NWA of SWA and SWA of NWA of Section 7, T46N, R32W; except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants' frontage on the northeasterly side of the highway (being from outer-roadway centerline Station 131+00 to outer-roadway centerline Station 135+40) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway.

Tract #12

DOLLA

(\$3,000.00 ) is assessed by the Commissioners as not damages for the appropriation of the above.

15.0 Lands, properties or interests, ownership of or legal rights in which are claimed by RICHARD A. ERICKSON, ELIZABETH M. ERICKSON, C. K. WEATHERFORD, Trustee, The Prudential Insurance Company of America, a New Jersey Corporation, Dean Colberston, Slyvia Colberston, J. J. Jones, Collector of Revenue Cass County, Missouri, TO-WIT:

15.10 A tract of land for the relocation and construction of state highway designated U.S. Route 71 over and across all that part of defendants land in Lots 1 and 2 of the NE% of Section 5, T45N, R32W, Cass County, Missouri, lying within the widths as hereinafter designated on the right or Westerly side and on the left or easterly side of the following described survey centerline of said highway; containing 11.87 acres.

15.11 The survey centerline of said highway is located and described as follows: Beginning at the Southeast corner of Section 32, T46N, R32W; thence North 84° 01' West a distance of 815.7 feet to Station 399+56.8 on said survey centerline; thence from said Station 399+56.8 the survey centerline extends South 23° 17' East 2483.7 feet to point of curve Station 424+40.5 of a 1° curve to the left having an interior angle of 13° 06'; thence extends southerly along the curve 104.5 feet to Station 425+45. Also beginning at above located Station 399+56.8, the survey centerline extends North 23° 17' west 46.8 feet to Station 399+10.

15.12 The widths of right-of-way on the right or westerly side of said survey centerline are as follows: a width decreasing uniformly from 169.9 feet at Station 399+10 to 160 feet at Station 400+00; thence decreasing uniformly to a width of 130 feet at Station 403+00; thence 130 feet in width from said Station 403+00 to Station 408+00; thence decreasing uniformly to a width of 125 feet at Station 409+34.5: thence 125 feet, in width from said Station 409+34.5 to Station 422+30; thence along a straight line to a width of 256 feet at Station 425+45, a point on west line of existing highway (east line of St. louis-San Franciso Railroad).

15.13 The widths of right-of-way on the left or east side of said survey centerline are as follows:; A width decreasing uniformly from 175 feet at Station 399 +25 to 140 feet at Station 401+00; thence 140 feet in width from said Station 401+00 to Station 420+00.

15.14 Also all abutters' rights of direct access between the highway, now known as U.S. Route 71 and defendants abutting land in the NE% of Section 5, T45N,R32W.

15.20 Also an easement on two tracts of land hereinafter designated A and B for the construction of drainage ditches; containing a total of 0.33 of an acre. Tract A beginning at the intersection of the north line of Section 5, T45N, R32W, with the westerly line of highway opposite Station 399+10; thence west along section line, 100 feet; thence south 23° 17' east paralleling highway centerline, 75 feet; thence east paralleling north line of section 5 a distance of 100 feet to westerly right of way line of highway; thence northwesterly along Westerly line of highway to the beginning. Tract B joining on the westerly right of way line above described and extending westerly with a width of 50 feet between Station 422+25 and Station 422+75 to the easterly line of existing highway.

15.21 The drainage ditches will be constructed on only part of said land, the extra land being included for man and machinery to work and turn on. After completion of the construction of the drainage ditches, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tracts, subject only tothe Relators right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditches.

(\$/2,500.00...) is assessed by the Commissioners

as not damages for the appropriation of the above.

# IN THE CIRCUIT COURT OF CASS COUNTY, MESSOURI AT HARRECONVILLE

STATE OF HESSOURI, OR POL., STATE HIGHMAY COMMESSION OF MESSOURI,

Plaintiff,

no. 30602

~~V!)~~

SCUTIVIET GOLF CLUB, INC., ot al., a Missouri Corporation

Defendants.

### AMENDMENT

Comes now Relator, SEARN HIGHMAY CONTESSION OF IMESCURE, by and through its attorneys of record and with comment of the Court, amends its petition heretofore filed, by deleting Paragraph [J.M; and inserting in lieu thereof Paragraph [J.M]

Also, all abuttors' rights of direct secoss between relocated highery V.S. Routo 71, as above located and described, and defendants abutting land in the ITM; of Section 5, TMMI, R324. However, the existing highery adjacent and easterly of the costerly right-of-way line of the St. Louis and San Francisco Railroad, between the north line of the ITM; of said Section 5 passing through Station 399496 and the south line of said quarter section passing through Station 126403, shall remain in place as a Service Road and defendant shall have the usual right of direct access between their obutting land and each Service Road.

John H. Casey, Assistant Counsel and Earl H. Schrader, Jr., Assistant Counsel PESSOURT STATE HICHMAY CONTESSION 5117 East 31st Stroot Konsas City, Missouri, 64128 WA 1-7104

ATTORNEYS FOR PLAINTIFF

- 16.0 Lands, properties or interests,
  ownership of or legal rights
  which are claimed by FRANK C. DENNEY,
  FRANCES E. DENNEY, WALTER R. BROWN,
  Trustee, Federal Land Bank of St.
  Louis, a National Banking Institution,
  WILLIAM G. DENNEY, BEVERLY DENNEY, J. J.
  JONES, Collector of Revenue, Cass County
  Missouri, TO-WIT:
- 16.10 A tract of land for the relocation and construction of State Highway designated U.S. Route No. 71 Cass County, Missouri, over and across all that part of the SW4 of NW4 of Section 4, T45N, R32W, lying on the right or Westerly side and within the widths as hereinafter designated on the left or easterly side of the following described survey centerline of said highway; and containing, together with an additional tract hereinafter described a total of 4.17 acres of new land for right-of-way.
- 16.11 The survey centerline of said highway is located and described as follows: Beginning at the Southeast corner of Section 32, T46N, R32W; thence North 84° 01' West a distance of 815.7 feet to Station 399+56.8 on said survey centerline; thence from said Station 399+56.8 the survey centerline extends South 23° 17' East a distance of 2483.7 feet to point of curve Station 424+40.5 of a 1° curve to the left having an interior angle of 13° 06' and a forward tangent bearing of South 36° 23' East; thence continues southerly along the curve 334.5 feet to Station 427+75.
- 16.12 The widths of right-of-way on the left or easterly side of the above described survey centerline are as follows: A width of 140 feet from Station 416+87 to Station 423+00; thence decreasing uniformly to a width of 125 feet at Station 424+40.5; thence 140 feet in width from said Station 424+40.5 to Station 427+50.
- 16.13 Also, all aubtters rights of direct access Setween the highway, now known as U. S. Route No. 71 and effendants abutting land in the SW% of NW% of Section 4, T45N, T832W.
- 16.20 Also, an additional strip of land on which oaccess is not limited for the construction of a service road falong the easterly side of highway. Said tract includes tall that part of the SWA of NWA of Section 4, T45N, R32W, glying outside the above described right-of-way of highway which lies within the widths as designated on the left or Easterly side of the highway survey centerline as follows: A width increasing along a straight line from 125 feet at Station 427+00 to 200 feet at Station 427+50; thence 200 affect in width from said Station 427+50 to Station 427+75.
- 16.30 Also a temporary easement on two tracts of land hereinafter designated A and B containing a total of 20.30 of an acre. Tract A for the removal of a building, said stract lying along and joining on the easterly side of high-gway having a width of 30 feet and a length of 80 feet in-cluded between Station 419+44.6 and Station 420+24.6.

  After B for the purpose of obliterating a pond, said tract beginning on easterly line of highway opposite Station 421+85; thence north 56 43' East at right angles to said right of way line, 75 feet; thence South 230 17' East, 140 feet; thence South 56 43' West 77.7 feet to easterly line of highway; thence northerly along easterly line of highway to the beginning. After completion of the construction of said highway and final acceptance of same by the Relator the easement rights in said tracts A and B shall cease and be no longer in effect.

- 17.0 Lands, properties or interests, ownership of or legal rights which are claimed by MARGARET J. CONRAY, J. J. JONES, Collector of Revenue of Cass County, Missouri to-wit:
- 17.10 A tract of land for the relocation and construction of State Highway designated U. S. Route 71, Cass County, Missouri, over and across all that part of defendants land in the NW½ of Section 9, T45N, R32W, lying within the widths as hereinafter designated on the right or westerly side and on the left or easterly side of the following described survey centerline of said highway and containing, together with an additional strip of land hereinafter described, a total of 5.86 acres of new land for right-of-way.
- 17.11 The survey centerline of said highway is located and described as follows: Beginning at an iron pin marking the northeast corner of the NW4 of Section 9, T45N, R32W; thence North 89° 39' West a distance of 611.3 feet to Station 458+52.2 on said survey centerline; thence from said Station 458+52.2 the survey centerline extends South 36° 23' East 1347.8 feet to Station 472+00. Also beginning at Station 458+52.2 as above located; the survey centerline extends North 36° 23' West 76.2 feet to Station 457+76.
- 17.12 The widths of right-of-way on the right or Westerly side of the above described survey centerline are as follows: A width of 140 feet from Station 457+76 to Station 464+00; thence decreasing uniformly to a width of 135 feet at Station 465+00; thence 135 feet in width from said Station 465+00 to Station 469+65.7; thence decreasing uniformly to a width of 130 feet at 472+00.
- 17.13 The width of right-of-way on the left or easterly side of said survey centerline is 125 feet from Station 458+72 to Station 468+34.
- 17.14 Also all abutters right of direct access between the relocated highway designated U.S. Route No. 71 and defendants abutting land in the NW% of Section 9, T45N, R32W.
- 17.20 Also an additional tract of land on which access is not limited for a service road connection to a side road and includes all that part of definedants land in the NE% of NW% of Section 9, T45N, R32W, lying within the widths as hereinafter designated on the right or south side of the following described service road centerline; beginning at Station 457+76 on the survey centerline of U. S. Route 71 as above located; thence at right angles to said survey centerline North 53° 37' East 160 feet to Station 457+76 on service road centerline; thence from said Station 457+76 the service road centerline extends South 36° 23' East 52.2 feet to point of curve Station 458+28.2 of a 20° curve to the left having an interior angle of 54° 15'; thence Southeasterly along the curve 271.3 feet to point of tangent Station 460+99.5; thence north 89° 22' East 160.5 feet to Station 462+60.
- 17.21 The widths of right-of-way on the right or south side of said survey centerline are as follows: A width decreasing along a straight line from 80 feet at Station 459+70 to 40 feet at Station 460+20; thence 40 feet in width from said Station 460+20 to Station 462+10; thence decreasing uniformly to a width of 20 feet at Station 462+60.

Lands, properties or interests, ownership of or legal rights in which are claimed by RAY E. PLANK, ESTHER C. PLANK, PRUDENTIAL INSURANCE COMPANY OF AMERICA, a New Jersey Corporation, ARTHUR R. RUTBERG, Trustee, J. J. JONES, Collector of Revenue, Cass County, Missouri, to-wit:

18.10 A tract of land for the relocation and construction of state highway designated U. S. Route No. 71, Cass County, Missouri, over and across all that part of the NEA of Section 9, TLSN, R32W, lying within the widths as hereinafter designated on the right or Westerly side and on the left or easterly side of the following described survey centerline of said highway and containing, together with an additional tract of land hereinafter described, a total of 15.19 acres.

18.11 The survey centerline of said highway is located and described as follows: Beginning at an iron pin marking the Northeast corner of the NW% of Section 9, T45N, R32W; thence north 89 39' West a distance of 611.3 feet to Station 458+52.2 on said survey centerline; thence from said Station 458+52.2 the survey centerline extends South 36 23' East a distance of 3425.8 feet to the South line of the NE% of said Section 9 at Station 492+78; thence continues South 36 23' East 122 feet to Station 494+00.

18.12 The widths of right-of-way on the right or westerly side of said survey centerline are as follows: A width of 135 feet from Station 468+34 to Station 469+65.7; thence decreasing uniformly to a width of 130 feet at Station 472+00; thence 130 feet in width from said Station 472+00 to Station 477+50; thence increasing uniformly to a width of 165 feet at Station 482+50; thence 165 feet in width from said Station 482+50 to Station 484+50; thence decreasing uniformly to a width of 125 feet at Station 487+25; thence 125 feet in width from said Station 487+25 to Station 492+78.

18.13 The widths of right-of-way on the left or easterly side of said survey centerline are as follows: A width of 125 feet from Station 466+78 to Station 477+00; thence increasing uniformly to a width of 150 feet at Station 481+00; thence 150 feet in width from said Station 481+00 to Station 485+25; thence decreasing uniformly to a width of 125 feet at Station 486+25; thence 125 feet in width from said Station 486+25 to Station 492+00; thence increasing uniformly to a width of 135 feet at Station 493+00; thence 135 feet in width from said Station 493+00 to Station 493+83.

18.14 Also, all abutters rights of direct access between the relocated highway designated U. S. Route No. 71 and defendants' abutting land in the NE% of Section 9, T45N, R32W.

18.20 Also, an easement on three (3) tracts of land hereinafter designated A, B and C for the construction of drainage ditches, containing a total of 0.57 of an acre. Tract A includes all that part of the SWM of NEW of Section 9 lying outside the highway right-of-way which lies within 50 feet on each side of a centerline extending so thwesterly from Station 484+10 to a point on westerly right-of-way line of highway opposite Station 483+32, thence extending South 78 37 West 190 feet. Tract B includes all that part of SWM of NEW of Section 9 lying cutside the highway right-of-way which lies within 30 feet on each side of a centerline extending northeasterly from Station 483+88 to a point on easterly right-of-way line of highway opposite Station 484+58; thence extending North 78 37' East, 60 feet. Tract C joining on the Easterly side of highway includes all that part of the SEM of NEM of Section 9 which lies within a strip having a width of 40 feet and a length of 60 feet included between Station 493+33 and

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Station 493+93. The drainage ditches will be constructed on only part of said land, the extra land being included for men and machinery to work and turn on. After completion of the construction of the drainage ditches, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditches.

18.30 Also a temporary easement on two tracts of land for the purpose of filling the old channel of a branch; containing a total of 0.10 of an acre. Tract No. 1 joining on the easterly side of highway having a width of 25 feet and a length of 70 feet included between Station 483+55 and Station 484+25. Tract No. 2, beginning at a point on the westerly right-of-way line of highway opposite Station 484+50; thence North 36° 23' West along westerly line of highway 62.8 feet; thence South 78° 37' West along south line of permanent easement described in Tract A above to a point 40 feet south-westerly as measured at right angles to said westerly right-of-way line; thence south 36° 23' East 62.8 feet; thence north 78° 37' West to the beginning. Upon completion of filling the old branch, the easement rights in said last described tracts numbered 1 and 2 shall cease and be no longer in effect.

18.40 Also an additional tract of land on which access is not limited for the construction of a service road, said tract includes all that part of the NE4 of said Section 9 lying within the widths as designated on the westerly side of the westerly right-of-way line of highway as follows: A width increasing uniformly from 00 feet at Station 490+50 to a width of 65 feet at Station 491+00; thence 65 feet in width to the south line of said quarter section passing through Station 492+78.

Tract #34

(8 30,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

19.0 Lands, properties or interests
ownership or legal rights in which
are claimed by CLAUDE L. HASKINS,
CHARITY HASKINS, NATIONAL BUILDERS
AND SUPPLY COMPANY, a Missouri Corporation, RAYMOND PELTZMAN, Trustee,
AALCO ROOFING AND SIDING COMPANY, a
Missouri Corporation, H. L. ISAAK,
Trustee, ATLAS SUBSIDIARIES OF MISSOURI,
INC., a Missouri Corporation, ALEX
PEEBLES, Trustee, CLINTON L. PERKEY,
FLOSSIE JANE PERKEY, DEWEY W. DAY,
Trustee, GEORGE T. SWEIT .. JR., Trustee,
WORNALL BANK, a Missouri Corporation,
I.D.S. CREDIT CORPORATION, a Delaware
Corporation, J. J. JONES, Collector
of Revenue, Cass County, Missouri,
to-wit:

19.10 A tract of land for the relocation and construction of state highway designated U. S. Route 71, Cass County, Missouri, over and across all that part of Lots 45 to 52, both inclusive, in Block 3, High School Addition to the Town of Peculiar, Cass County, Missouri, lying within the widths as hereinafter designated on the right or westerly side of the following described survey centerline of said highway; containing 0.08 of an acre.

19.11 The survey centerline for the relocation of said highway is located and described as follows: Beginning at the SW corner of Section 10, T45N, R32W; thence North 68° 15' East 383.1 feet to a point; thence North 56° 37' East 451.8 feet to Station 523+15.9 on the survey centerline of Route 71; thence from said Station 523+15.9 the survey centerline extends south 36° 23' East a distance of 2284.1 feet to Station 546+00.

19.12 The widths of right-of-way on the right or westerly side of the above described survey centerline are as follows: A width decreasing uniformly from 330 feet at Station 535+25 to 155 feet at Station 545+00; thence 155 feet in width from said Station 545+00 to Station 546+00.

19.13 Also all abutter's rights of direct access between the highway U. S. Route 71 and defendants abutting land in Lots 45 to 52, both inclusive, in Block 3, High School Addition to the Town of Peculiar, Cass County, Missouri.

Tract #47

\_\_DOLLARS

(32,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

## IN THE CERCUIT COURT OF CASE COUNTY, MISSOURI AI HANDESONVILLE

STATE OF HISSOURI, on rol.,

STATE FEMILIAR CONTESSION OF HECCOURT,

110. 30602

Plaintiff,

vo.

COUTIVITY COLF CLUB, IN., ot al., a Historia Corporation

Defondants.

Comes now Rolator, SENER MICHARY COMMISSION OF MISSCINI, by and through its ottomors of record and with comsont of the Colmb, amonds its potition horotoforo filed, by incording in the caption and in Paragraph 19.0 the name Sholden P. Sendler, Trustee and Plaza Sevings Association, s Missouri Corporation.

Tour H. Casoy, Assistant Counsel and Borl H. Sehrador, Jr., Assistant

Loggesol MISSOURI STATE HICKMAY CONTESSION 5117 East 31st Dyroot Kansan City, Missouri, Gyl28

WJ 1-710b

ATTOMEYS FOR PLAINTIFF

- 20.0 Lands, properties or interests,
  ownership or legal rights in which
  are claimed by HAROLD R. DUNHAM,
  VERNELLE DUNHAM, WILLIAM F. CARTWRIGHT, JR.,
  LONITA V. CARTWRIGHT, J. J. JONES, Collector
  of Revenue, Cass County, Missouri.,
  Unknown heirs, grantees, successors and
  assigns of HAROLD R. DUNHAM and of VERNELLE
  DUNHAM, to-wit:
- 20.10 A tract of land for the relocation and construction of State Highway designated U.S. Route 71 Cass County, Missouri. Said tract includes all that part of defendants land in the NW% of the SE% of Section 15, T45N, R32W, lying within the widths as hereinafter designated on the right or Westerly side and on the left or Easterly side of the following described survey centerline for said highway; containing 6.85 acres.
- 20.11 The survey centerline for the relocation and improvement of said highway is located and described as follows: Beginning at an iron pin marking the E½ corner of Section 26, T45N, R32W; thence South 1° 38' East 96.35 feet to Station 693+49.5 on said survey centerline; thence from said Station 693+49.5 the survey centerline extends North 24° 47' West a distance of 3798.7 feet to point of tangent Station 655+50.8 of a 1° curve to the left having an interior angle of 11° 36'; thence Northwesterly along the curve 1160 feet to point of curve Station 643+90.8; thence North 36° 23' West 6927.8 feet to the East line of the NW½ of the SE½ of Section 15, T45N, R32W, at Station 574+63; thence continues North 36° 23' West 1221 feet to centerline of County Road along the North line of said quarter quarter section at Station 562+42; thence continues North 36° 23' west 166 feet to Station 560+76.
- 20.12 The widths of right-of-way on the right or westerly side of the above described survey centerline are as follows: A width of 150 feet from Station 561+20 to Station 566+00; thence increasing uniformly to a width of 165 feet at Station 568+00; thence 165 feet in width from said Station 568+00 to Station 572+00; thence decreasing uniformly to a width of 150 feet at Station 574+00.
- 20.13 The widths of right-of-way on the left or Easterly side of said survey centerline are as follows: A width of 200 feet from Station 562+42 to Station 563+57.4 thence increasing uniformly to a width of 285 feet at Station 564+25.4; thence 285 feet in width from said Station 564+25.4 to Station 565+15; thence decreasing uniformly to a width of 200 feet at Station 565+75; thence 200 feet in width from said Station 565+75 to Station 569+00; thence increasing uniformly to a width of 210 feet at Station 569+50; thence 210 feet in width from said Station 569+50 to Station 571+50.
- 20.14 Also, all abutters' rights of direct access between the highway, now known as U.S. Route No. 71 and defendants abutting land in the NW% of the SE% of Section 15, T45N, R32W; except that the State will construct and maintain an adjacent outer-roadway along all of defendants frontage on the Easterly side of the highway (being from Station 565+15 to Station 571+19) and there is reserved to defendants, the usual right of direct access between the abutting land and such outer-roadway, except the portion of said outer-roadway between Station 565+15 and Station 565+75 on which all direct access will be prohibited.

20.20 Also, a permanent easement for the control of drainage on two tracts of land hereinafter designated A and B, containing a total of 1.07 acres. Tract A for a channel change and the blocking of the old channel includes all that part of defendants land on the Westerly side of highway which lies within 175 feet of said Westerly right-of-way line between Station 569+75 and Station 572+00. Tract B for the construction of a drainage ditch, said tract joining on the Easterly side of highway beginning on said Easterly right-of-way line opposite Station 570+65; thence Northwesterly along said rightof-way line 75 feet to a point opposite Station 569+90; thence Northeasterly at right angles to right-of-way line, 128 feet; thence Southwesterly along West line of County road to a point opposite and 278 feet Northeasterly of Station 570+65; thence Westerly 68 feet to the beginning. The drainage control will be constructed on only part of said land, the extra land being included for men and machinery to work and turn on. After completion of the construction of the drainage control, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage control.

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(8/2,000.00) is assessed by the Commissioners as not damages for the appropriation of the above.

- 21.0 Lands, properties or interests, ownership or legal rights in which are claimed by WILLIAM F. CARTWRIGHT JR., LONITA V. CARTWRIGHT, ELVIN S. DOUGLAS, JR., Trustee, HAROLD R. DUNHAM, VERNELLE DUNHAM, H. R. DUNHAM, JR. J. J. Jones, Collector of Revenue, Cass County, Missouri, unknown heirs, grantees, successors and assigns of Harold R. Dunham and of Vernelle Dunham and of H. R. Dunham, Jr., to-wit:
- 21.10 A tract of land for the relocation and construction of State Highway designated U.S. Route No. 71 Cass County, Missouri, Said tract includes all that part of defendants land in the west half of the southeast quarter of Section 15, T45N, R32W, lying within the widths as hereinafter designated on the right or westerly side and on the left or easterly side of the following described survey centerline of said highway; containing 2.53 acres.
- 21.11 The survey centerline for the relocation and improvement of said highway is located and described as follows: Beginning at an iron pin marking the East quarter corner of Section 26, T45N, R32W; thence South  $1^{\circ}$  38' east 96.35 feet to Station 693+49.5 on said survey centerline; thence from said Station 693+49.5 the survey centerline extends North  $24^{\circ}$  47' west a distance of 3798.7 feet to point of tangent Station 655+50.8 of a  $1^{\circ}$  curve to the left having an interior angle of  $11^{\circ}$  36'; thence northwesterly along the curve 1160 feet to point of curve Station 643+90.8; thence North  $36^{\circ}$  23' West 6927.8 feet to the East line of the West half of the Southeast quarter of Section 15, T45N, R32W, at Station 574+63; thence continues North  $36^{\circ}$  23' west 463 feet to Station 570+00.
- 21.12 The widths of right-of-way on the right or Westerly side of the above described survey centerline are as follows: A width of 165 feet from Station 570+92 to Station 572+00; thence decreasing uniformly to a width of 150 feet at Station 574+00; thence 150 feet in width from said Station 574+00 to Station 576+53.
- 21.13 The widths of right-of-way on the left or Easterly side of said survey centerline are as follows: A width of 210 feet from Station 570+00 to Station 571+50; thence decreasing uniformly to a width of 200 feet at Station 572+08; thence 200 feet in width from said Station 572+08 to Station 574+63.
- 21.14 Also, all abutters' rights of direct access between relocated highway U.S. Route No. 71 and defendants abutting land in the west half of the Southeast quarter of Section 15, T45N, R32W; except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants' frontage on the easterly side of the highway (being from Station 571+19 to Station 572+08) and there is reserved to defendants' the usual right of direct access between the abutting land and such outer-roadway.

Tract #56

- 22.0 Lands, properties or interests
  ownership or legal rights in which
  are claimed by FRED G. RIEDER, NEOMEA
  RIEDER, CHARLES F. RIEDER, ORENE RIEDER,
  DONALD L. RIEDER, BECKY RIEDER,
  ARTHUR R. RUTBERG, Trustee, PRUDENTIAL
  INSURANCE COMPANY OF AMERICA, INC.,
  ROBERT W. SPANGLER, Trustee, JAMES C.
  WELBORN, MILDRED WELBORN, J. J. JONES,
  Collector of Revenue, Cass County, Missouri,
  unknown heirs, grantees, successors and
  assigns of FRED G. RIEDER and of NEOMEA
  RIEDER and of CHARLES F. RIEDER and of
  ORENE RIEDER and of DONALD L. RIEDER and of
  BECKY RIEDER, to-wit:
- 22.10 A tract of land for the relocation and construction of State Highway designated U. S. Route No. 71., Cass County, Missouri. Said tract includes all that part of defendants land in the Eb of the SE4 of Section 15 and the SW4 of the SW4 of Section 14, all in T45N, R32W, lying within the widths as hereinafter designated on the right or Westerly side and on the left or Easterly side of the following described survey centerline of said highway: containing 18.06 acres of land.
- 22.11 The survey centerline for the relocation and improvement of said highway is located and described as follows: Beginning at an iron pin marking the E¼ corner of Section 26, T45N, R32W; thence South 1° 38' East 96.35 feet to Station 693+49.5 on said survey centerline; thence from said Station 693+49.5 the survey centerline extends North 24° 47' West a distance of 37 98.7 feet to point of tangent Station 655+50.8 of a 1° curve to the left having an interior angle of 11° 36'; thence northwesterly along the curve 1160 feet to point of curve Station 643+90.8; thence north 36° 23' West 4739.8 feet to the South line of Section 14, T45N, R32W, at Station 596+51; thence continues North 36° 23' west 2188 feet to the west line of the E¼ of the SE¼ of Section 15, T45N, R32W at Station 574+63; thence continues North 36° 23' west 255 feet to Station 572+08.
- 22.12 The widths of right-of-way on the right or westerly side of the above described survey centerline are as follows: A width of 150 feet from Station 574+63 to Station 589+00; thence decreasing uniformly to a width of 140 feet at Station 590+00; thence 140 feet in width from said Station 590+00 to Station 596+51.
- 22.13 The widths of right-of-way on the left or easterly side of said survey centerline are as follows: A width of 200 feet from Station 572+08 to Station 584+00; thence increasing uniformly to a width of 220 feet at Station 586+00; thence 220 feet in width from said Station 586+00 to Station 588+00; thence decreasing uniformly to a width of 200 feet at Station 590+00; thence 200 feet in width from said Station 590+00 to Station 598+16.
- 22.14 Also, all abutters' rights of direct access between the highway, now known as U.S. Route 71 and defendants abutting land in the E½ of the SE½ of Section 15 and the SW½ of the SW½ of Section 14, all in T45N, R32W; except that the State will construct and maintain an adjacent outer-roadway along all of defendants frontage on the easterly side of the highway (being from Station 572+08 to Station 598+16) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway.

22.20 Also, a permanent easement for the construction of a drainage ditch over and across all that part of the SE½ of the SE½ of Section 15, lying within 50 fe feet on each side of a centerline extending North 53° 37' East a distance of 90 feet from a point on the Easterly right-of-way line left of Station 587+20; containing 0.21 of an acre. The drainage ditch will be constructed on only part of said land, the extra land being included for man and machinery to work and turn on. After completion of the construction of the drainage ditch, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditch.

22.30 Also, a temporary easement for the removal of a building and the construction of an entrance to the outer-roadway on a strip of land 25 feet in width joining on the Easterly side of highway between Station 574+60 and Station 575+60; containing 2500 sq. ft. Upon completion of the removal of said building and the construction of the entrance, the easement rights in said last described tract shall cease and be no longer in effect.

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(\$30,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

23.0 Lands, properties or interests,
ownership or legal rights in which
are claimed by CHARLES HAROLD COWGER,
DOROTHY COWGER, J. J. JONES, Collector
of Revenue, Cass County, Missouri, to-wit:

23.10 A tract of land for the relocation and construction of state highway designated U.S. Route no. 71 Class County, Missouri. Said tract includes all that part of defendants land in the northeast quarter of the northeast quarter of section 22 and the northwest quarter of section 23, all in T45N, R32W, lying within the widths as hereinafter designated on the right or Westerly side and on the left or easterly side of the following described survey centerline of said highway; containing 27.53 acres of new land for right-of-way.

23.11 The survey centerline for said highway is located and described as follows: Beginning at an iron pin marking the E4 corner of Section 26, T45N, R32W, thence South 10 38' East 96.35 feet to Station 693+49.5 on said survey centerline; thence from said Station 693+49.5 the survey centerline extends North 240 47' west a distance of 3108.5 feet to the south line of section 23, T45N, R32W, at Station 662+41; thence continues North 240 47' west 690.2 feet to point of tangent Station 655+50.8 of a 10 curve to the left having an interior angle of 110 36'; thence extends Northwesterly along the curve 1160 feet to point of curve Station 653+90.8; thence north 360 23' west 4739.8 feet to the north line of Section 23 at Station 596+51; thence continues North 360 23' west 121 feet to Station 595+30.

23.12 The widths of right-of-way on the right or westerly side of the above described survey centerline of said highway are as follows: A width of 140 feet from Station 595+37 to Station 611+50; thence all of defendants land which lies between said centerline and the easterly line of existing highway from said Station 611+50 to Station 630+40.5.

23.13 The widths of right-of-way on the left or Easterly side of said survey centerline are as follows: A width of 200 feet from Station 596+51 to Station 599+50; thence increasing uniformly to a width of 210 feet at Station 600+50; thence 210 feet in width from said Station 600+50 to Station 613+00; thence increasing uniformly to a width of 230 feet at Station 615+06; thence 230 feet in width from said Station 615+06 to Station 624+50; thence decreasing uniformly to a width of 200 feet at Station 626+00; thence 200 feet in width from said Station 626+00 to Station 632+00.

23.14 Also, all abutters' rights of direct access between relocated highway U.S. Route No. 71 and defendants abutting land in the northeast quarter of the northeast quarter of Section 22 and the northwest quarter of Section 23, all in T45N, R32W; except that Relator will construct and maintain an adjacent outer-roadway along all of defendants frontage on the Easterly side of the highway (being from Station 598+16 to Station 632+00) and there is reserved to defendants, the usual right of direct access between the abutting land and such outer-roadway.

23.20 Also, easement for the construction of a drainage ditch over and across all that part of the Southeast quarter of the Northwest quarter of Section 23 which lies within 50 feet on each side of a centerline extending North 53° 37' east a distance of 150 feet from a point on the easterly line of highway left of Station 622+80; containing 0.34 of an acre. The drainage ditch will be constructed on only part of said land, the extra land being included for men and machinery to work and turn on. After completion of the construction of the drainage ditch, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditch.

23.30 Also, a temporary easement on two tracts of land hereinafter designated A and B, containing a total of 0.16 of an acre. Tract A fcr the removal of a building on a strip of land joining on the Westerly side of the highway, said strip having a width of 25 feet and a length of 60 feet included between Station 596+50 and Station 597+10. Tract B for the removal of a silo on a strip of land joining on the Westerly side of highway waid strip having a width of 55 feet and a length of 100 feet included between Station 601+45 and Station 602+45. Upon completion of the removal of the building and silo, the easement rights in said Tracts A and B shall cease and be no longer in effect.

(3.50,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

24.0 Lands, properties or interests, ownership of or legal rights in which are claimed by JAMES SWOGER, ELSIE E. SWOGER, J. J. JONES, Collector of Revenue of Cass County, Missouri, to-wit:

24.10 Two tracts of land hereinafter designated A and B for additiona right-of-way for State Highway designated U. S. Route No. 71, Cass County, Missouri; containing a total of 0.86 of an acre.

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24.11 Tract A, all of a private road specifically described as follows: Beginning at the Southwest corner of the South half of the Southeast quarter of the Southeast quater of Section 23, T45N, R32W, thence North 40 feet, thence West to the Easterly line of existing highway Route 71, thence in a Southeasterly direction along the Easterly line of existing highway to the South line of said Section 23, there exist along the South line of said Section 23 to the point ginning.

24.12 Tract B, includes all that part of defendants' land in the South half of the Southeast quarter of the Southeast quarter of Section 23, T45N, R32W, lying within 215 feet on the left or Easterly side of the following described survey centerline for said highway improvement: Beginning at an iron pipe marking the Southwest corner of the Southeast quarter of said Section 23; thence North 26 22' 30" East 357.9 feet; thence North 53 51' 30" East, 864.54 feet; thence South 24 47' East 264.25 feet to Station 655+50.8 on said survey centerline; thence from said Station 655+50.8 the survey centerline of highway 71 extends South 24 47' East a distance of 795.2 feet to Station 663+46.

24.13 Also all abutters' rights of direct access between the highway now known as Route 71 and defendants' abutting land in the South half of the Southeast quarter of the Southeast quarter of Section 23, T45N, R32W; except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants' frontage on the Easterly side of the highway (being from Station 659+62 to Station 663+46) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway.

24.14 Also an easement for the construction of a drainage ditch on a strip of land joining on the Easterly side of highway, said tract having a width of 50 feet and a length of 150 feet included between Station 659+62 and Station 661+12. The drainage ditch will be constructed on only part of said land, the extra land being included for men and machinery to work and turn on. After completion of the construction of the drainage ditch, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditch.

Tract #62

(35,000,00 ) is assessed by the Commissioners as not damages for the appropriation of the above."

25.0 Lands, properties or interests, ownership of or legal rights in which are
claims by JAMES C. WELBORN, MILDRED D.
WELBORN, JAMES MUCKE, KAY MUCKE, D/B/A
JIMS PHILLIP 66 SERVICE, J. J. JONES,
Collector of Revenue of Cass County,
Missouri, to-wit:

way for state highway designated U. S. Route No. 71, Cass County, Missouri. Said tract includes all that part of defendants' land in the S½ of the SW¼ of Section 25' and the NW¼ of NW¼ of Section 36, all in T¼5N, R32W, which lies within the widths as hereinafter designated on the left or Easterly side of the following described survey centerline for said highway improvement, and also all that part of defendants' land on the right or westerly side of said survey centerline, between said centerline and the easterly line of existing highway; and containing, together with an additional tract hereinafter described, a total of 10.06 acres of new land for right-of-way.

25.11 The survey centerline for said highway improvement is located and described as follows: Beginning at an iron pin marking the  $W_4^1$  corner of Section 25, T45N, R32W, thence South 1 38! East 96.35 feet to Station 693+49.5 on said survey centerline; thence from said Station 693+49.5 the survey centerline extends South 24  $P_7$ ! East 2835.4 feet to point of curve Station 721+84.9 of a 2 curve to the left having an interior angle of 24 05! and a forward tangent bearing of South 480 52! East; thence southeasterly along the curve 515.1 feet to Station 727+00.

25.12 The widths of right-of-way on the left or easterly side of said centerline are as follows: A width of 240 feet from Station 707+44 to Station 708+00; thence increasing uniformly to a width of 285 feet at Station 708+72: thence 285 feet in width from said Station 708+72 to Station 709/43; thence decreasing uniformly to a width of 215 feet at Station 710+25; thence 215 feet in width from said Station 710+25 to Station 723+80.

25.13 Also all abutters' rights of direct access between the highway, now known as Route 71, and defendants' abutting land in the St of the SW4 of Section 25 and the NW4 of NW4 of Section 36, all in T45N, R32W; except that the Relator will construct and maintain an adjacent outerroadway along all of defendants frontage on the easterly side of highway (being from Station 709+43 to Station 723+80) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway, except the portion of the outer-roadway between Station 709+43 and Station 710+85 on which all direct access will be prohibited. Also the Relator will maintain the roadway of existing highway as an outer-roadway along all of defendants frontage on the westerly side of highway (easterly line of St. Louis and San Francisco Railroad, being from Station 699+00 to Station 727+00) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway.

25.20 Also an easement on 0.23 of an acre of land for the construction of a drainage ditch, said tract joining on the easterly right-of-way line of highway is 100 feet square and included between Station 714+70 and Station 715+70. The drainage ditch will be constructed on only part of said land, the extra land being included for men and machinery to work and turn on. After completion of the construction of the drainage ditch, the owners of said land may fence, and shall have the free and uninterrupted possession and use of said tract, subject only to the Relator's right, if it should so elect, to enter thereon from time to time for the purpose of maintaining said drainage ditch.

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25.30 Also an additional tract of land on which access is not limited for the construction of a connection between the outer-roadway and a side road over and across all that part of the SW4 of SW4 of Section 25 lying outside the above described right-of-way and within the widths as hereinafter designated on the south side of the following described centerline for said side road connection. The centerline for the side road connection is located and described as follows: Beginning at Station 709+00 on the survey centerline of highway as above located; thence North 65° 13' East at right angles to highway survey centerline, 150 feet to Station 10+00 on the centerline of side road connection (Station 709+00 on outer-roadway centerline); thence the side road connection centerline extends North 65° 13' East 78.6 feet to point of tangent Station 9+21.4 of a 20 curve to the right having an interior angle of 28°; thence Easterly along the arve 140 feet to Station 7+81.4; thence South 86° 47' East 131.4 feet to Station 6+50.

25.31 The widths of right-of-way on the south side of said connection centerline are as follows: A width increasing uniformly form 18 feet at Station 6+50 to 35 feet at Station 7+00; thence 35 feet in width from said Station 7+00 to Station 8+75.

Tract #67

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(\$15,050.00) is assessed by the Commissioners as not damages for the appropriation of the above."

Lands, properties, or interests, ownership of or legal rights in which are claimed by BESSIE MAE MC CREIGHT, a/k/a BESSIE MAE FREEMAN, a single woman, JAMES EDWARD MC CREIGHT, ARLENE MC CREIGHT, ROBERT DEAN MC CREIGHT, a singleman, J. J. JONES, Collector of Revenue of Cass County, Missouri, DEWEY W. DAY, Trustee, CHARLES HAROLD COWGER, DOROTHY COWGER, ROBERT RIDGE, VERA RIDGE, ROBERT RIDGE & VERA RIDGE D/B/A BOB'S 71 CLUB, TRI-COUNTY SALES, INC., a Missouri Corporation, THEO. HAMM BREWING COMPANY, INC., a Minnesota Corporation, STANDARD BEVERAGE COMPANY, INC., a Missouri Corporation, JOSEPH SCHLITZ BREWING COMPANY, INC., a Wisconsin Corporation, and the unknown heirs, grantees, successors and assigns of JAMES EDWARD MC CREIGHT and of ARLENE MC CREIGHT, to-wit:

27.10 An easement for right-of-way for the relocation and construction of State Highway U. S. Route 71, Cass County, Missouri over and across all that part of the Northeast quarter of the Southeast quarter of the Northwest quarter of Section 36, Township 45 North, Range 32 West, in Cass County, Missouri, lying North and East of the right-of-way of existing highway U. S. Route No. 71; containing 1.11 acres of land.

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27.11 Said tract is included between Station 739+09 and Station 743+56 on the survey centerline of the median of relocated U. S. Route No. 71.

Tract #70

(\$ 30,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

Lands, properties or interests, ownership of or legal rights in which are claimed by ANDREW GEORGE KIMMELL, DOLORES KIMMELL, J. J. JONES, Collector of Revenue, Cass County, Missouri, CC:MO SCAVUZZO, Trustee, ANNA SCAVUZZO, DEWEY DAY, Trustee, KATHRYN M. KIMMELL, ROBERT W. SPANGLER, Trustee, CITIZEN'S NATIONAL BANK OF HARRISONVILLE, a Missouri State Banking Corporation, KIMMELL ENGINEERING COMPANY, INC., a Missouri Corporation, ROBERTS ENTERPRISES, INC., a Kansas Corporation, to-wit:

28.10 A tract of land for additional right-of-way for state highway designated U. S. No. 71, Cass County, Missouri, Said tract includes all that part of defendants! land in the South half of the Northeast quarter and the Northeast quarter of the Southeast quarter of Section 36, T45N, R32W, lying within the widths as hereinafter designated on the left or Easterly side of the following described survey centerline for said highway improvement and also, all that part of defendants! land on the right of said survey centerline, between said survey centerline and the Easterly line of existing highway U. S. Route No. 71; containing 30.26 acres of new land for right-of-way.

28.11 The survey centerline for said highway improvement is located and described as follows: Beginning at an iron pin marking the East quarter corner of Section 26, T45N, R32W, thence South 01° 38' East 96.35 feet to Station 693+49.5 on said survey centerline; thence from said Station 693+49.5 the survey centerline extends South 24° 17' East a distance of 2835.4 feet to point of curve Station 721+84.9 of a 2° curve to the left having an interior angle of 24° 05'; thence Southeasterly along the curve 1204.2 feet to point of tangent Station 733+89.1; thence South 48° 52' East 775.9 feet to the North line of the Southwest quarter of the Northeast quarter of said Section 36 at Station 741+65; thence the centerline continues South 48° 52' East 2914.3 feet to point of curve Station 770+79.3 of a 1° curve to the left having an interior angle of 10° 51' and a forward tangent bearing of South 59° 43' East; thence the survey centerline continues Southerly along the curve 486.7 feet to the South line of the Northeast quarter of the Southeast quarter of said Section 36 at Station 775+66; thence continues Southerly along the curve 234 feet to Station 778+00 as hereinafter referred to.

28.12 The widths of right-of-way on the left or Easterly side of said survey centerline are as follows: A width of 215 feet from Station 741+65 to Station 749+44; thence increasing uniformly to a width of 300 feet at Station 745+56; thence 300 feet wide to Station 746+40; thence decreasing uniformly to a width of 200 feet at Station 747+00; thence 200 feet in width from said Station 747+00 to Station 751+00; thence increasing uniformly to a width of 220 feet at Station 753+00; thence 220 feet in width from said Station 753+00 to Station 761+50; thence increasing uniformly to a width of 310 feet at Station 767+00; thence along a straight line to a width of 310 feet at Station 773+00; thence decreasing along a straight line to a width of 240 feet at Station 778+00.

28.13 Also, all abutters' rights of direct access between the highway now known as U. S. Route No. 71 and defendants' abutting land in the South half of the Northeast quarter and the Northeast quarter of the Southeast quarter of Section 36, T45N, R32W; except that the Relator. will construct and maintain an adjacent outer-roadway along all of defendants' frontage on the Easterly side of the highway (being from Station 746+30 to Station 773+37) and

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there is reserved to defendants, the usual right of direct access between the abutting land and such outer-roadway, except that portion of the outer-roadway between Station 746+40 and Station 747+00 on which all direct access will be prohibited. Also, the State will maintain the roadway of existing highway as an outer-roadway along defendants' frontage on the westerly side of highway (easterly line of St. Louis and San Francisco Railroad) between Station 745+00 and Station 757+40 and there is reserved to defendants, the usual right of direct access between the abutting land and such outer-roadway.

28.20 Also, an additional tract of land on which access is not limited for the construction of a connection between the outer-roadway and a side road over and across all that part of defendants' land in the Southwest quarter of the northeast quarter of said section 36 lying outside the above described right-of-way and within the widths as hereinafter designated on the South side of the following described centerline for said side road connection and also, all that part of the north side of said centerline between said centerline and the North line of said quarter quarter section. Station 10+00 on said side road connection centerline is a point in the centerline of the outer-roadway 150 feet left as measured at right angles to Station 745+60 on the survey centerline of said highway; thence from said Station 10+00 the side road connection centerline extends North 510 08' east 72.9 feet to point of tangent Station 9+27.1 of a curve to the right having a radius of 250.0 feet and an interior angle of 43°; thence easterly along the curve 187.6 feet to point of curve Station 7+39.5; thence south  $85^{\circ}$  52' east 39.5 feet to Station 7+00.

28.21 The widths of right-of-way on the south side of centerline of said side road connection are as follows: A width increasing uniformly from 25 feet at Station 7+00 to 35 feet at Station 7+37.9; thence 35 feet in width from said Strtion 7+37.9 to Station 8+60.

Tract #71

DOLLARS

(\*55,750.00) is assessed by the Commissioners

(\* assessed by the commissioners

the appropriation of the above.

29.0 Lands, properties or interests, ownership of or legal rights in which are claimed by EARL C. MILLER, STELLA A. MILLER, J. J. JONES, Collector of Revenue of Cass County Missouri, to-wit:

29.10 An easement for right-of-way over a tract of land for the improvement of State Highway designated U. S. Route No. 71, Cass County, Missouri, described as follows:

29.11 All that part of the Northwest Quarter of the Southeast Quarter of Section 36, Township 45 North, Range 32 West, lying North and East of the right-of-way of existing highway U. S. Route No. 71, Cass County, Missouri; containing 0.20 of an acre. Said tract is located in the Northeast corner of said quarter quarter section and is included between Station 759+40 and Station 761+41 on the median survey centerline of said highway.

Tract #72

DOLLAR

(\$200.00 ) is assessed by the Commissioners as net damages for the appropriation of the above.

Jands, properties or interests, ownership of or legal rights in which are claimed by KIMMELL ENGINEERING COMPANY, INC., a Missouri Corporation, J. J. JONES, Collector of Revenue, Cass County, Missouri, ROBERT W. SPANGLER, Trustee, CITIZEN'S NATIONAL BANK OF HARRISONVILLE, a Missouri State Bahking Corporation, DEWEY W. DAY, Trustee, W. D. DALDRUP, KATHRYN DALDRUP, BERTRICE DALDRUP, CHARLES W. HIGHT, Trustee, ANDREW GEORGE KIMMELL, DOLORES KIMMELL, +o-wit:

30.10 An easement for right-of-way for relocation  $\frac{V}{V}$ of U. S. Highway 71 over and across all that part of the Northeast quarter of the Southeast quarter of Section 36, Township  $^{i\downarrow}$ 5, Range 32, described as follows: Beginning at a point on the Northerly line of original U. S. Highway No. 71, 365 feet northwesterly of the east line of said quarter quarter section, measured along the Northerly line said original Highway U. S. Route 71; thence North and parallel to the East line of said quarter quarter section, 550 feet; thence West at right angles to last described course, 400 feet; thence South and parallel to the East line of said quarter quarter section 326.76 feet to a point on the Northerly line of original U.S. Highway No. 71; thence Southeasterly along said Northerly line, 458.08 feet to the point of beginning; except that portion as heretofore secured for highway purposes by condemnation proceedings, Case Number 29276. Said tract after said exception contains 2.08 acres.

The Property of the Property o

(\$115,000.00) is assessed by the Commissioners as net damages for the appropriation of the above.

31.0 Lands, properties or interests, ownership of or legal rights in which are claimed by ERNEST J. CORBIN, ETHEL M. CORBIN, J. J. JONES, Collector of Revenue, Cass County, Missouri, VENCIL E. HAYES, Trustee, OLLA J. PORTER, deceased, WILLIAM E. HUDDLESTON, Executor of the Estate of OLLA J. PORTER, NANCY WILLIAMS, AGNES GOODWIN, ANNA HERRING, JESS RAINBOLT, D. A. RAINBOLT, WILLIAM RAINBOLT, AUSTIN RAINBOLT, unknown heirs, grantees, successors and assigns of NANCY WILLIAMS, AGNES GOODWIN, ANNA HERRING, JESS RAINBOLT, D. A. RAINBOLT, WILLIAM RAINBOLT, and of OLLA J. PORTER, deceased, to-wit:

31.10 A tract of land for the improvement of state highway designated U. S. Route No. 71, Cass County, Missouri, over and across all that part of defendants' land in the North 1/2 of Lot 2 of the SW 1/4 of Section 31, T45W, R31W, lying within the widths as hereinafter designated on the left or Northerly side of the following described survey centerline of the median of said highway; containing 1.34 acres of new land for right-of-way.

31.11 The survey centerline of the median of said highway is located and described as follows: Beginning at a nail in the center of original highway marking the Northeast corner of Section 6, T44W, R31W; thence South 05° 17' East 159.8 feet to a point; thence north 88° 12' West 3,479.4 feet to point of tangent Station 873+56.4 of a 01° 30' curve to the right having an interior angle of 15° 44'; thence the survey centerline extends Westerly along the curve 1,048.9 feet to point of curve Station 863+07.5; thence north 72° 28' West 2,228.3 feet to point of tangent Station 840+79.2 of a 01° curve to the right having an interior angle of 12° 45'; thence northwesterly along the curve 1,275 feet to point of curve Station 828+04.2; thence north 59° 43' West 1,260 feet to point of tangent and equation Station 815+44.2 ahead equals Station 781+64.3 back; thence extends Northwesterly along the curve, 1,085 feet to point of curve Station 770479.3; thence north 48° 52' West 79.3 feet to Station 770+00.

31.12 The widths of right-of-way on the left or northerly side of the above described median survey centerline are as follows: A width decreasing along a straight line from 310 feet at Station 773+00 to 240 feet at Station 778+00; thence 240 feet in width from said Station 778+00 to equation Station 781+64.3 back equals Station 815+44.2 ahead; thence 240 feet in width from said Station 815+44.2 ahead to Station 820+00.

31.13 Also all abutters rights of direct access between the highway, now known as U. S. Route No. 71, and defendants' abutting land in the N 1/2 of Lot 2 of the SW 1/4 of Section 31, T45N, R31W; except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants' frontage on the northerly side of highway (being from Station 773+37 to Station 823+92) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway.

Jacob Lands, properties or interests, ownership of or legal rights in which are claimed by ELVIN J. GORDON, HILDA M. GORDON, J. J. JONES, Collector of Revenue, Cass County, Missouri, to-wit:

32.10 A tract of land for the improvement of state highway designated U. S. Route No. 71, Cass County, Missouri, over and across all that part of defendants' land in the West 30 acres of the South half of Lot 1 of the SW 1/4 of Section 31, T45N, R31W, lying within 240 feet on the left or northerly side of the following described survey centerline of the median of said highway; containing 0.85 of an acre of new land for right-of-way.

32.11 The survey centerline of the median of said highway is located and described as follows: Beginning at a nail in the center or original highway marking the Northeast corner of Section 6, T44N, R31W, thence South 05° 17' East 159.8 feet to a point; thence North 88° 12' West 249.9 feet to Station 905+85.9 on said survey centerline; thence from said Station 905+85.9 the survey centerline extends North 88° 12' West 3,229.5 feet to point of tangent Station 873+56.4 of a 01° 30' curve to the right having an interior angle of 15° 44'; thence Westerly along the curve 1,048.9 feet to point of curve Station 863+07.5; thence North 72° 28' West 2,228.3 feet to point of tangent Station 840+79.2 of a 01° curve to the right having an interior angle of 12° 45'; thence Northwesterly along the curve 1,275 feet to point of curve Station 828+04.2; thence North 59° 43' West 277.2 feet to Station 825+27.

32.12 Also all abutters' rights of direct access between the highway, now known as U. S. Route No. 71 and defendants' abutting land in the West 30 acres of the South half of Lot 1 of the SW 1/4 of Section 31, T45N, R31W; except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants' frontage on the northerly side of highway (being from Station 825+27 to Station 834+57) and there is reserved to defendants the usual right of direct access between the abutting land and such outer roadway.

Tract #78

DOLLARS

(8 750.00 ) is assessed by the Commissioners as net damages for the appropriation of the above.

J3.0 Lands, properties or interests, ownership of or legal rights in which are claimed by RAYMOND CARROLL, SUPERIOR OUTDOOR ADVERTISING COMPANY, INC., a Missouri Corporation, J. J. JONES, Collector of Revenue of Cass County, Missouri, and the unknown heirs, grantees, successors and assigns of RAYMOND CARROLL, to-wit:

33.10 A tract of land for the improvement of state highway designated U. S. Route No. 71, Cass County, Missouri, over and across all that part of defendants! land in the W½ of Lot 6 of NW¼ of Section 6, T¼¼N, R3lW, Lot 7 of NE¼ of Section 1, T¼¼N, R32W, the SE¼ and Lot 1 of SW¼ of Section 31, T¼5N, R3lW, lying within the widths as hereinafter designated on the left or Northerly side of the following described survey centerline of the median of said highway; containing 6.73 acres of new land for right-of-way.

33.11 The survey centerline of the median of said highway is located and describe as follows: Beginning at a nail in the center of original highway marking the Northeast corner of Section 6, T44N, R3lW; thence South 05° 17' East 159.8 feet to a point; thence north 88° 12' West 249.9 feet to Station 905+85.9 on said survey centerline; thence from said Station 905+85.9 the survey centerline extends North 88° 12' West 3,229.5 feet to point of tangent Station 873+56.4 of a 01° 30' curve to the right having an interior angle of 15° 44'; thence Westerly along the curve 1,048.9 feet to point of curve Station 863+07.5; thence North 72° 28' West 2,228.3 feet to point of tangent Station 840+79.2 of a 01° curve to the right having an interior angle of 12° 45'; thence Northwesterly along the curve 629.2 feet to Station 834+50.

33.12 The widths of right-of-way on the left or northerly side of the above described median survey centerline are as follows: A width of 240 feet from Station 834+57 to Station 840+79.2; thence decreasing uniformly to a width of 230 feet at Station 842+00; thence 230 feet in width from said Station 842+00 to Station 861+00; thence decreasing in width along a straight line to 215 feet at Station 863+07.5; thence along a straight line to a width of 215 feet at Station 866+20.

33.13 Also all abutters rights of direct access between the highway, now known as U. S. Route No. 71, and defendants abutting land in the W½ of Lot 6 of NW¼ of Section 6, T¼¼N, R31W; Lot 7 of NE¾ of Section 1, T¼¼N, R32W; SE¾ and Lot 1 of SW¾ of Section 31, T¼5N, R31W; except that the Relator will construct and maintain an adjacent outer-roadway along all of defendants frontage on the northerly side of highway (being from Station 83¼+57 to Station 865+90) and there is reserved to defendants the usual right of direct access between the abutting land and such outer-roadway. Also there is excepted to defendants the usual right of direct access to a service roadway extending easterly from defendants East property line on the southerly side of the highway between a point on said property line 125 feet right of Station 864+44 and a point 185 feet right of Station 864+59.

33.20 Also a temporary easement for the conuction of a roadway entrance to a service road along the
southerly side of the highway; containing 1.15 of an acre.
Said tract located in the W½ of Lot 6 of the NW½ of Section 6,
Thun, R3lW, is described as follows: Beginning on the
Southerly line of existing highway 135 feet southerly as
measured at right angles to Station 858+00; thence southerly
at right angles to highway centerline 225 feet; thence
easterly at right angles to last described line, 75 feet;
thence northerly 110 feet to a point 250 feet southerly as
measured at right angles to Station 858+75; thence north-

·V

easterly to a point 185 feet southerly as measured at right angles to Station 859+50; thence easterly and 185 feet distant southerly of highway centerline to a point on east property line opposite Station 864+59; thence north on property line to southerly line of existing highway 125 feet southerly as measured at right angles to Station 864+44; thence Westerly along the Southerly line of highway to the beginning. After completion of the constrution of said roadway, the easement rights in said last described tract shall cease and be no longer in effect.

33.30 Also, a temporary easement across 0.08 of an acre of land for construction of an entrance to an outer-roadway. Said tract is 60 feet square and lies along and joins the above described Northerly right-of-way line of highway between Stations 857+94 and 858+54. Upon completion of the construction of said entrance, the easement right in said last described tract shall cease and be no longer in effect.

Tract #79

(\$.2000.00.) is assessed by the Commissioners as net damages for the appropriation of the above."

34.0 Lands, properties or interests, owner-ship of or legal rights in which are claimed by J. U. HAYES, BYRDA M. HAYES, CHARLES W. HIGHT, Trustee, FRANK H. DAVIDSON, EHTELEEN DAVIDSON, J. J. JONES, Collector of Revenue of Cass County, Missouri, to-wit:

34.10 A tract of land for the improvement of state highway designated U. S. Route No. 71, Cass County, Missouri, over and across all that part of defendants' land in Lot 6 of the NE% of Section 6, TAAN, R3LW, lying within the widths as hereinafter designated on the right or southerly side of the following described survey centerline of the median of said highway; containing 0.88 of an acre of new land for right-of-way.

34.11 The survey centerline of the median of said highway is located and described as follows: Beginning at a nail in the center of original highway marking the northeast corner of said Section 6, T44N, R31W; thence South 05° 17' East 159.8 feet to a point; thence north 88° 12' West 249.9 feet to Station 905+85.9 on said survey centerline; thence from said Station 905+85.9 the survey centerline extends North 88° 12' West a distance of 2385.9 feet to Station 882+00.

34.12 The widths of right-of-way on the right or southerly side of the above described survey centerline are as follows: A width increasing uniformly from 185 feet on the West line of Lot 6 of the NE\(^1\) of said Section 6 at Station 882+15 to a width of 350 feet on the northerly line of relocated County road at Station 883+00; thence Easterly along the Northerly line of said road by a curve to the right having a 623 foot radius and decreasing to a width of 125 feet on the Southerly line of existing highway at Station 886+30, except portion as heretofore secured for the relocation of the County road between Station 885+00 and 886+30.

34.13 Also all abutters' rights of direct access between the highway, now known as U. S. Route No. 71, and defendants' abutting land in Lot 6 of the NE's of Section 6, Thun, R31W; except that the Relator will construct a service road connecting with the relccated county road along defendants frontage on the southerly line of highway between Station 882+15 and Station 883+00 and there is reserved to defendants the usual right of direct access between the abutting land and such service road.

Tract #81

(8.2750.00 ) is assessed by the Commissioners met damages for the appropriation of the above."

WHEREFORE, having acted in all things in compliance with law and with the terms of the ORDER APPOINTING COMMISSIONERS, your commissioners pray that this, their report of their proceedings thereunder, be accepted, and that they be discharged.

5/ J.C. KNORph

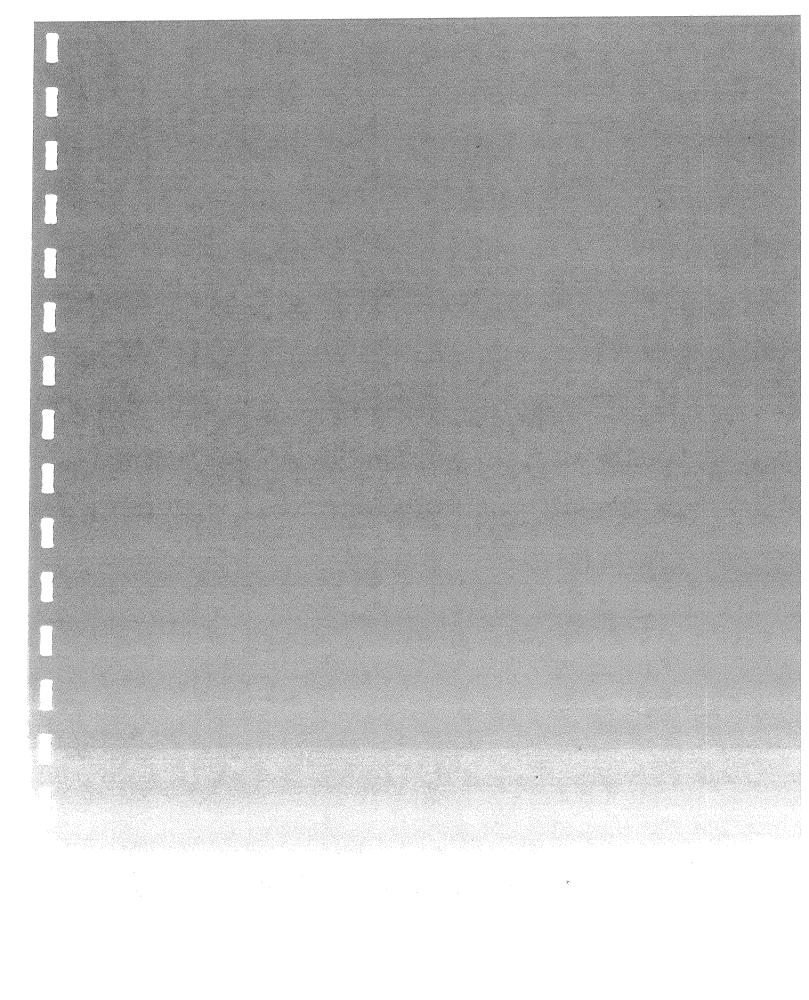
5/ T. B. Prettyman

5/ Kenneth Gron

Commissioners.

$\cdot$
ACKNOWLEDGEMENT
State of Missouri )
County of Cass )
Country of Cass
On this Feb. 1, 1968, before me personal-
ly appeared J.C. KNORPH , T.R. Prettorna,
and warrieth GRoh, to me known to be the commissioners heretofore appointed in the above-entitled cause and who executed the foregoing duplicate original REPORT OF COMMISSIONERS, and being by me first duly sworn, acknowledged that they executed the same as their free act and deed; and further said that all the facts stated therein are true; and that each assessment of net damages inserted therein is, to the best of their individual judgments and abilities, fair and just, both to those who will receive and to those who must pay said damages, if any.  By:  By:  Deputy Clerk
CERTIFICATION OF THE CIRCUIT CLERK
State of Missouri )
County of Cass )
I, Some of the Circuit Court within and for the County and State aforesaid do hereby certify that the above and foregoing is a full, true and complete copy of the REPORT OF COMMISSIONERS filed in the above styled cause as the same appears on record in my office.
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seal of said Court at my office in MORRISONVILL, 1122,
$\mathcal{L} = \mathcal{L} \cup $
this 1st day of Fabruary, 1960.
Clerk of the Court
By: Muth d. Harrs hand

10463 Filly March 19.1968 •



# APPENDIX D

**Environmental Database Information** 



# The EDR Radius Map<sup>TM</sup> Report

Southview Golf Course 16001 S US Highway 71 Belton, MO 64012

Inquiry Number: 1957437.1s

June 18, 2007

# The Standard in **Environmental Risk** Information

440 Wheelers Farms Road Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050 1-800-231-6802 Fax: Internet: www.edrnet.com

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Government Necords Searcheardata Sarrondy Hacking	

#### GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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## **EXECUTIVE SUMMARY**

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

# TARGET PROPERTY INFORMATION

#### ADDRESS

16001 S US HIGHWAY 71 BELTON, MO 64012

#### COORDINATES

Latitude (North):	38.835900 - 38* 50' 9.2"
Longitude (West):	94,523500 - 94* 31' 24,6"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	367766.5
UTM Y (Meters):	4299461.5
Flevation:	1076 ft. above sea level

# USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:

38094-G5 BELTON, MO

Most Recent Revision:

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

#### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

#### FEDERAL RECORDS

NPL	, National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
RCRA-SQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System

#### **EXECUTIVE SUMMARY**

HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
	Superfund (CERCLA) Consent Decrees
ROD.	Records Of Decision
	Uranium Mill Tailings Sites
ODL	
TRIS	Toxic Chemical Release Inventory System
	Toxic Substances Control Act
FTTS	FIERA/ TSCA Tracking System - FIERA (Federal Insecticide, Fungicide, & Rodenticid
· · · <del>-</del>	Act)/TSCA (Toxic Substances Control Act) Section 7 Tracking Systems
2722	Section 7 Tracking Systems
i iicis	Land Use Control Information System
NOT OPS	Incident and Accident Data
icis	Integrated Compliance Information System
LICT ETTE	FIFRA/TSCA Tracking System Administrative Case Listing
US CDL	
DADINEO	Radiation Information Database
LIEUR 2	CERCLA Lien Information
	PCB Activity Database System
MLIS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System RCRA Administrative Action Tracking System
DEL SHWS	
U31	Petroleum Storage Tanks Leaking Aboveground Storage Tanks
LAS I	Aboveground Petroleum Storage Tanks
MOI	Environmental Response Tracking Database
AUL	Cita with Controls
AUL	Voluntary Cleanup Program Site Listing
VCP	, Voluntary Cleanup Program Site Listing
DRYCLEANERS	Drycleaners in Missouri Listing
BROWNFIELDS	Brownfields Site List
CDL	Environmental Emergency Response System
MO RRC	Certified Hazardous Waste Resource Recovery Facilities
NPDES	Permitted Facility Listing
TRIBAL RECORDS	
INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land
EDR PROPRIETARY RECOR	DS
ZZ	

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

TC1957437.1s EXECUTIVE SUMMARY 1

TC1957437.1s EXECUTIVE SUMMARY 2

# **EXECUTIVE SUMMARY**

#### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed

data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

#### FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 03/21/2007 has revealed that there is 1 CERC-NFRAP site within approximately 0.75 miles of the target property.

Equal/Higher Elevation	Address		Map ID	Page
ABANDONED DRUM SITE	1016 N SCOTT	1/2 - 1 WSW		6

#### STATE AND LOCAL RECORDS

LUST: Leaking Underground Storage Tanks.

A review of the LUST list, as provided by EDR, and dated 04/03/2007 has revealed that there is 1 LUST site within approximately 0.75 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir Map ID	Page
JOE'S SERVICE CENTER INC Date Of NFA Letter From DNR: 2/18/2005	1008 N SCOTT	1/2 - 1 WSW A2	6

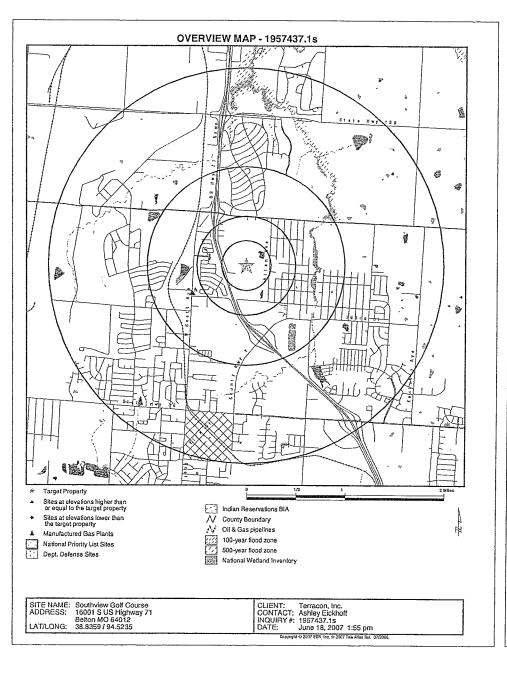
#### **EXECUTIVE SUMMARY**

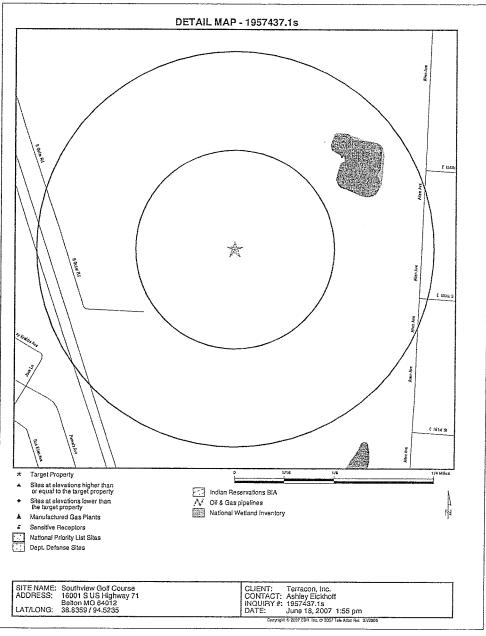
Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
BELTON (EX) 1ST OUT MRX AX GRANDVIEW (EX) RADIO BEACON #2 ALDI PROPERTY (FORMER DX) SHELL PAYLESS CASHWAYS INC COTTER AND COMPANY EXPRESS MART #1 US ARMY CORPS/RICHARD GEBAUR AFB RETAIL PETROLEUM FACILITY CASEYS GENERAL STORE #2235 BUDS DISCOUNT CITY NO 4083 MIDWEST DIV/RVH LLC DBA RESEARCH B PUBLIC STORAGE RESEARCH BELTON HOSPITAL DONS SCRAP METAL RECYCLING BELTON MARKETPLACE ROCK BROOK CHURCH EXPANSI CARNEGIE VILLIAGE BELTON 9TH GRADE CENTER ALDI CRITICAL SITE PRODUCTS WA PICKERING PLACE, INC WWTF CORNERSTONE POINTE AARON'S FAMILY FUN CENTER CHERRY HILL COMMERCIAL PA PLATEAU FIRST PLAT BELTON TOWN CENTRE ADD.#2 Y HIGHWAY IMPROVEMENTS - AQUA AUTO SPA SUNSET HILL SUBDIVISION 2 ROBIE BROTHERS 2ND ADDITI THE TRADITIONS MEADOW CREEK 1ST PLAT SEMCO DISTRIBUTING BELTON AUTUMN RIDGE EMERSON PARK SUBDIVISION.	Databases(s)  CERCLIS, FINDS CERCLIS, FINDS LUST LUST LUST LUST, UST RCRA-SQG, FINDS, LUST, US' LAST LAST LAST LAST RCRA-SQG, FINDS RCRA-SQG RCRA-SQG RCRA-SQG MLTS ICIS NPDES
	<del></del>

TC1957437.1s EXECUTIVE SUMMARY 3

TC1957437.1s EXECUTIVE SUMMARY 4





TC1957437.1s Page 4

# MAP FINDINGS SUMMARY

Total Plotted		0000-000
~	000KRR0KRRRR00R00R00KRRRRRRRRRRRRRRRRR	008888888
1/2 - 1	00080+0088880000000088888888888888888	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
114 - 112	000 <u>R</u> 00000 <u>R</u> 000000000RRRRRQRRRRRRRRRRR	9999999
1/8 - 1/4		0000000
× 1/8		00000000
Search Distance (Miles)	1,250 1,250	1.250 1.250 0.750 0.750 0.750 0.500 0.500
Target		
Database	PEDERAL RECORDS  NPL Proposed NPL NPL LIENS CERCLIS CERCLIS CERCLIS CORRACTS CORRACTS CORRACTS RCRA 15. Quan. Gen. ERNS RCRA 15. Quan. Gen. ERNS US INST CONTROL US ENG CONTROL US ENG CONTROL US ENS	State Haz, Waste DEL SHWS State Landfill HIST LF LUST UST AST

# MAP FINDINGS SUMMARY

Total Plotted	0000000	000	0
<u> </u>	X X X X X X X X X X	OKK	0
1/2 - 1	X 0 0 X 0 X X X	0 0 N	0
1/4 - 1/2	Koooo KK K	000	0
1/8 - 1/4	0000000	000	0
< 1/8	0000000	000	0
Search Distance (Miles)	0.250 0.750 0.750 0.500 0.750 0.250 0.250 0.250	1.250 0.750 0.500	1.250
Target Property			S
Database	SPILLS AUL VCP DRYCLEANERS BROWNFIELDS CDL MO RRC NPDES	TRIBAL RECORDS INDIAN RESERV INDIAN LUST INDIAN UST	EDR PROPRIETARY RECORDS  Manufactured Gas Plants

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance
Siles may be listed in more than one database

EDR ID Number Database(s) EPA ID Number	CERC-NFRAP 1003876880 MOD98172110						LUST 7000138083 UST N/A	•
		0701680 Not a Federal Facility Not on the NPL NFRAP	): BERNARD DRAKEY 51-7400 Sessment Manager (SAM)	VERY onted 987 onted	ARCHIVE SITE Not reported 09/30/1994 Not reported	PRELIMINARY ASSESSMENT 03/01/1994 09/30/1994 NFRAP (No Futher Remedial Action Planned		STD000387 KC Not reported R001723 Not reported Not reported SIR1930 Not reported UNDERGROUND STDRAGE TANK UNDERGROUND STDRAGE TANK Not reported
	ABANDONED DRUM SITE 1016 N SCOTT BELTON, MO 64012	Site 1 of 2 in cluster A  CERCANFAP: Site ID: Federal Facility: Not a Fer NPL Status: Not on NPL Status: Not NPL Status: Not NPL Status: Not NPL Status: NPL STATU	CERCLIS-NFRAP Site Contact Name(s): Contact Name: JAMIE BERNARD DRAKEY Contact Tei: (913) 551-7400 Contact Title: Site Assessment Manager (SAM)	Site Description: Not reported CERCLIS-NFRAP Assessment History; Action: Date Started: Not reported Date Completed: 0/120/1937 Priority Level: Not reported	Action: Date Started: Date Completed: Priority Level: Not reported 09/30/1994	Action: PRELIM Date Started: 03/01/19 Date Completed: 09/30/19 Priority Level: NFRAP	JOE'S SERVICE CENTER INC 108 N SCOTT BELTON, MO 64012 Site 2 of 2 in cluster A	Facility 10: Facil

Map ID Direction		MAP FINDINGS	
Distance (ft.) Elevation Site	o o	Database(s)	EDR ID Number EPA ID Number
<b>Y</b>	JOE'S SERVICE CENTER ING (Continued) Remediation Techniques: RBCA NFA. Date Of NFA Letter From DNR: No Date Of NFA Letter From DNR: Next Conrespondence/Lpdate With Fac: Nat Remediate Of Editing Record: Tablilly Sent To State Archive: Nat Selection Unit Closed The File: No Site Affactd By Funding Level From PSTIF:No Letts 2 Files Date Letts 2 Files Date: No Lust 2 Files Date:	Excavation Not reported Not reported Not reported Signal 1997 Not reported Signal 1997 Vot reported Not reported Not reported Not reported Not reported Not reported	1000138083
	agg: agg: agg: agg: agg: agg: agg: agg:	Yes 93/30/2003 No reported Yes 93/30/2003 No reported Yes 93/30/2003 No reported Not reported No	
	Facility ID: Region: Date Record Meast Archive Criteria: Pate Remediation ID: Date Gleanup Finished: Referred To Dolts for investigation: Not Referred To Dolts for investigation: Not Contraction Prinching: Not Referred To Dolts for investigation: Not Contraction Prinching: Referred To Dolts for investigation: Not Remediation Techniques:	KC Not reported No	

MAP FINDINGS

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		Annual Company of the	
MAP FINDINGS	Map ID Direction		MAP FINDINGS
(1,) EDR ID Number Site Database(s) EFA ID Number	Distance Distance (ft.) Elevation Site		
RECA NEX.  RECA NEX.  Bat of KFA Letter From DNR:  1. 1272004  Data of KFA Letter From DNR:  1. 1272004  Data of AFA Letter From DNR:  Data of KFA Letter From DNR:  1. 1272004  Data of Addood C Editing Record:  Data Remediation Unit Closed The File:  Not reported  List 26 Figg:  List 26 Figg:  List 26 Figg:  List 36 Figg:  Not reported  List 46 Figg:  Not reported  List 47 Figg:  Not reported  List 56 Figg:  Not reported  List 47 Figg:  Not reported  List 48 Figg:  List 48 Figg:  Not reported  List 48 Figg:  List 58 Figg:  List 48 Figg:  Not reported  List 48 Figg:  List 48	JOE'S SERVICE CENTER INC (Continued) Geospatial Source Data Location: Geospatial Source Data Location: Geospatial Elevation Method: Geospatial Elevation Method: Geospatial Elevation Reference Datum: Data Gils Data Collected By. Registration Start: Not reported Centificate Printed: Di Centificate Printed: Di Centificate Printed: Not reported Active Date: Not reported Resp Party: Not reported Resp Party Addr: Not reported Resp Party City, St. Zip: Not reported Owner Class: Not reporte	S SERVICE CENTER INC (Continued) Geospatial Source Data Location: Geospatial Elevation Marboi: Geospatial Elevation Marboi: Date Gis Data Collected By: Active Active: Date Gis Data Collected By: Active Coefficial Privation: Di Conficial Privation: Di Conficial Privation: Di Conficial Privation: No In Conficial Privation: No Constituent	D4 CRAWSHAW, J Not raported Z/10/2004
1931; Pacliny ID: ST0000387 Contact JASON TORRES Contact JASON TORRES Solner Title: Not reported Signer Title: JOSEPH A, PUSAFERI		1-2000 GAL GAS, 3-400 correspondence, letter s floor sweeps prior to dis	1-2000 GAL, GAS, 3-4000 GAL GAScharacterizat correspondence, letter sent 11/19/04 requesting profesor wheeps prior to disposal. Notes LL will revie
Title: Sorty: Cotty: (dms): Of Tanks Upgra	Tank ID: Owner ID: Tank Type: Tank Sptus: Gapacity: Meet 98: Date 12nk Installed:		
: racy; rop; Score; rdicator; nce Datum; rded On Site;	Date Piping Insalled: Not regulation: Substance: Substance: Substance: Other Type Of Tank Material: Tank Infernal Protection Date: Tank Infernal Protection Tank Infernal Protection Tank External Protection Tank Infernal Protection Tank Infernal Protection Tank Infernal Protection Date: Tank External Protection Date:	ed: Not reported S S S K Material: cdion Date: I Protection: cclion Date: ec Date:	Not reported Not linit Not reported Not reported Painted, e.g. Asphalifo

Map ID Direction Distance Distance (ft.) Elevation Site

EDR ID Number EPA ID Number 1000138083 Database(s) terization due in 60 days. Reviewed sling proper characlerization of I review WP. ET sent NFA

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Map ID		MAP FINDINGS		
Distance Distance (ft.) Elevation Site			Database(s)	EDR ID Number EPA ID Number
JOC	JOE'S SERVICE CENTER ING (Continued)			1000138083
	Other Type Tank Extrn Protec:	Not reported		
	Lank External Protec Date: Dt Tank Realease Defection Installed:	Not reported		
	Other Tank Rei Detection Methods: Or Tank Baclases Detection Installad:	Not reported		
	Types Of Overfill:	Not reported		
	Piping System; Pipe Material:	Not reported S		
	Other Type Of Pipe Mat:	Not reported		
	Pipe Protection: Pipe Protection Date:	Not reported Not reported		
	Pipa Release Detection:	Not reported		
	Other Type Of Pripe Rei Delcuri: Type Of Subst Tank Holds:	Rock Person Gasoline, Including blends		
	Other Type Of Tank Subst:	Not reported		
	Name Of riaz, Substance: Case # Of The Primary Haz Sub:	Not reported		
	Haz Substance A Mixture:	No		
	Tank Last Used: Tak Permanently Closed/ Removed:	3/22/1990		
	Tank Fees Walved:	No.		
	Admin Fee 585: Registration Fee 585:	Not reported 0		
	Date Record Added:	6/30/1995		
	Date Record Edited:	4/13/2004		
	Person Adding / Editing Record: Amt Assessed By The Current Cycle:	HOENEN, KEVIN		
	Amount Curently Due:	0		
	Tank Equiped With Spill Protection:	No AMADOL		
	Date Of Nr A Letter. Tank Used For Emergency Gentfr:	1211381 No		
	Closure Notice Number:	Not reported		
	rec_date:	3/22/1890		
	Firm Closing Tank:	CHERRY AND ASSOCIATES		
	Date Closure Report Recvd; Registration End: Not reported	8/28/1990		
	& Statu	en Sys Converted To Access: No		
	Facility ID: ST0000387			
	Tank ID: 10			
	Tank Status: Removed Canadiv 550			
	Installed:			
	Substance: Used oil Other Type Of Tank Material:	Notreported		
	Tank Internal Protection Date:	Not reported		
	Tank Internal Protection Date:	Not reported		
	i ank External Protec Date: Other Type Tank Extrn Protec:	Not reported		
	Tank External Protec Date:	Not reported		

Map ID Direction		MAP FINDINGS		
Distance Distance (ft.) Elevation Site			Database(s)	EDR ID Number EPA ID Number
JOE	JOE'S SERVICE CENTER INC (Continued)			1000138083
	Dt Tank Realease Detection installed:	Not reported		
	Other Tank Rei Detection Methods: Dt Tank Realease Detection Installed:	Not reported Not reported		
	Types Of Overfill:	Not reported		
	Piping System:	Not reported		
	Other Type Of Pipe Mat:	Not reported		
	Pipe Protection:	Not reported		
	Pipe Protection Date:	Not reported		
	Pipe Kelease Detection: Other Type Of Pipe Rel Detctn:	Not reported		
	Type Of Subst Tank Holds:	- a.		
	Other Type Of Tank Subst:	Not reported		
	Name Of Haz, Substance: Case # Of The Polman, Haz Sub:	Not reported		
	Haz Substance A Mixture:	No.		
	Tank Last Used:	2/10/2004		
	Thk Permanently Closed/ Removed:	1/1/1986		
	lank Fees Walved:	No responsed		
	Redistration Fee 585:	Not reported		
	Date Record Added:	9/22/2004		
	Date Record Edited:	3/1/2005		
	Person Adding / Editing Record:	CHAPMAN, P		
	Amt Assessed By The Current Cycle:	0		
	Amount Curently Due:	Not reported		
	Date Of NEA Letter:	2/18/2005		
	Tank Used For Emergency Gentir:	No		
	Closura Notice Number.	Not reported		
	rec_date;	1/19/2004		
	Date Of Aprroval Letter:	1/21/2004		
	Firm Closing Tank:	MidWest Remediation		
	Date Closure Report Recyu; Registration End: Not reported	**************************************		
	& Statt	en Sys Converted To Access: No		
	Facility ID: ST0000387			
	Tank IO.			
	ö			
	::			
	Meet 98: No No Tongled: Not reported			
	Substance: S			
	Other Type Of Tank Material: Tenk Internal Protection Date:	Not reported		
	Other Tank Internal Protection:	Not reported		
	Tank Internal Protection Date:	Not reported Painted in Asphaltic		
	Other Type Tank Extrn Protec:	Not reported		
	Tank External Protec Date: Dt Tank Realease Defection installed:	Not reported		
	Other Tank Rel Defection Methods:	Not reported		

MAP FINDINGS

Map ID MAP FINDINGS Direction Distance	Ustance Distance (ft.) Elavation Site	Popug System: Phys Materials in Not reported Phys Potention Date: Phys Materials in Not reported Phys Potention Date: Phys Material Phys Related States and Paterials in Not reported Phys Potention Date: Phys Materials in Not reported Phys Materials in Potention: Phys Materials in Potention Place Phys Materials in Potential Place Place Phys Materials in Potential Place Place Phys Materials in Potential Place Place Phys Materials in Place P	
	EDR ID Number Database(s) EPA ID Number	1000138083	TC1957437.1s Page 12
MAP FINDINGS		Not reported Not specified Not specified Not reported	
	t.) Site	DI Tank Realease Detection Installed: Not reported Phote System: Phote System: Phote Material: Other Types of Ovarility Pages Of Ovarility Phote Material: Other Type of Photection Phote Material: Other Type of Photection Phote Material: Other Type of Photection Phote Types Of Tank Reluction Type of Subst Tank Holds: Other Type of Tank Subst. Not reported Date Of Not Letter: Not reported Date Of Not Letter: Not reported Date Of Not Not reported Date Of Not reported Other Type Of Tank Ratelease Detection installed; Not reported Not reported Of Not reported	

EDR ID Number
Database(s) EPA ID Number

Map ID Direction Distance Distance (ft.) Elevation Site 1000138083

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Map ID Direction	And the state of t	MAP FINDINGS		
Distance Distance (ft.) Elevation Site			Database(s)	EDR ID Number EPA ID Number
BOF	JOE'S SERVICE CENTER INC (Continued)			1000138083
	Other Type Of Pipe Mat:	Not reported		
	Pipe Protection:	Not reported		
	Pipe Release Detection:	Not reported		
	Other Type Of Pipe Rel Detcin:	Not reported		
	Type Of Subst Tank Holds:	Gasolina, including blends Not reported		
	Name Of Haz. Substance:	Not reported		
	Case # Of The Primary Haz Sub:	Not reported		
	Haz Substance A Mixture:	No 3/22/1880		
	Tank Last Used.  The Permanently Closed/ Removed:	3/22/1990		
	Tank Fees Walved:	No		
	Admin Fee 585;	Not reported		
	Registration ree 505: Date Record Added:	6/30/1995		
	Date Record Edited:	4/13/2004		
	Person Adding / Editing Record:	THOENEN, KEVIN		
	Amount Curently Die:			
	Tank Equiped With Spill Protection:	NO.		
	Date Of NFA Letter:	4/12/1991		
	Tank Used For Emergency Gendr:	No No		
	Closure Notice Number:	Not reported		
	Date Of Aprroval Letter	3/22/1990		
	Firm Clasing Tank;	CHERRY AND ASSOCIATES		
	ort Re	8/28/1990		
	Registration Ent.  Not reputed Date Closed Null & Status Not C Or T When Sys Converted To Access: No	nen Sys Converted To Access: No		
	Facility ID: ST0000387			
	Tank Type: Refow Graind			
	Tank Status: Removed			
	Meet 98: No			
	Date Plping Installed; Not reported			
	Other Type Of Tank Material:	Not reported		
	Tank internal Protection Date: Other Tank Internal Protection:	Onknown Not reported		
	Tank Internal Protection Date:	Not reported		
	Tank External Protec Date:	Painted, e.g. Asphaltic		
	Other Type Tank Extra Protec:	Not reported		
	park External Protect Date:	Not reported		
	Other Tank Rel Detection Methods:	Not reported		
	Dt Tank Realease Detection Installed:	Not reported		
	Types Of Overfill:	Not reported		
	Piping System: Pine Material:	Not reported		
	Other Type Of Pipe Mat:	Not reported		
	Pipe Protection:	Not reported		

Map ID Direction		MAP FINDINGS		
Distance (ft.) Elevation Site			Database(s)	EDR ID Number EPA ID Number
300	JOE'S SERVICE CENTER INC (Continued)			1000138083
	Pipe Protection Date:	Not reported		
	Pipe Release Detection:	Not reported		
	Type Of Subst Tank Holds:	Diesel		
	Other Type Of Tank Subst:	Not reported		
	Name Of Haz, Substance: Case # Of The Primary Haz Sub;	Not reported		
	Haz Substance A Mixture:	ON		
	Tank Last Used:	3/22/1990		
	ink Permanently Closed/ Kemoveo: Tank Fees Walved:	3/22/ (330 No		
	Admin Fee 585:	Not reported		
	Registration Fee 585:	0		
	Date Record Added:	6/30/1995 4/13/2004		
	Person Adding / Editing Record:	THOENEN, KEVIN		
	Amt Assessed By The Current Cycle:	. 0		
	Amount Curently Due:	ō		
	Tank Equiped With Spill Protection:	No 412,000		
	Date Of NFA Letter: Tank (lead For Emergency Gendri	18171/5		
	Closure Notice Mumber	Deported of		
	rec date:	3/22/1990		
	Date Of Aprroval Letter:	3/22/1990		
	Firm Closing Tank:	Not reported		
	oort Re	8/28/1990		
	Registration End: Not reported Date Closed Nuil & Status Not C Or T When Sys Converted To Access: Yes	en Sys Converted To Access: Yes		
	Facility ID: ST0000387			
	Owner ID: OW2051/			
	is			
	Date Tank Installed: 1/1/1990			
	Substance: F			
	Other Type Of Tank Material:	Not reported		
	Tank Internal Protection Date:	Not reported		
	Other Tank Internal Protection. Tank Internal Protection Date:	Not reported		
	Tank External Protec Date:	Not reported		
	Other Type Tank Extrn Protec:	Not reported		
	Tank External Protec Date:	Not reported		
	Dt Tank Realease Detection Installed:	Not reported		
	Other Lank Kel Delection Metroos: Of Tank Realease Defection installed:	Not reported		
	Types Of Overfilt:	Not reported		
	Plping System:	Pressurized		
	Pipe Material:	Fiberglass reinforced plastic		
	Other Type Of Pipe Matt Pine Protection	Not reported		
	Pipe Protection Date:	Not reported		

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Map ID Direction Distance Distance Distance Elevation Site	Other Yope of Tank Subst:  Not reported  Case of O'The Primary Has Sub:  Tank Lest Urber  Tank Lest Urber  Tank Lest Urber  Tank Lest Urber  Admin Fee Sibt; Registration Fee Sibt; And Assessed By The Ourrent Oyole: Date Record Edited: And Assessed By The Ourrent Oyole: And Assessed By The Ourrent Oyole: Tank Edited y Editing Record: And Assessed By The Ourrent Oyole: Tank Cladidy Vith Spil Protection: Tank Cladidy With Spil Protection: Tank Urber Fee Emergency Gentt; The Cladidy With Spil Protection: Tank Urber Fee Emergency Gentt; The Cladidy Tank Lester: Tank Cladidy Tank Cladid Testing Sent; The	Tank ID: 0W20517  Tank Status: Below Ground Tank Status: Renoved Capacity: No Data Tank Installed: 1/1/1890 Data Piping installed: 1/1/1890 Data Tank Internal Protection Date: Not reported Other Tank Caternal Protection Date: Not reported Other Tank Tank External Protect Date: Not reported Other Tank Realease Detection Installed: Not reported Other Type Of Overitt, Protect Date: Not reported Other Type Of Overitt, Protect Date: Not reported Other Type Of Open Mat Piping System: Protection Date: Not reported Other Type Of Pipe Mat Pipe Protection Date: Not reported Other Type Of Pipe Mat Pipe Protection Date: Not reported Pipe Release Detection: Not reported Pipe Release Detection Pipe Release Detection Pipe Release Detection Pipe Release D
EDR ID Number Database(s) EPA ID Number	1000138083	
MAP FINDINGS	Not reported  1/20/2004  1/20/2004  1/20/2004  1/20/2004  1/20/2004  1/20/2004  1/21/2004	Not reported
(t)	Other Type Of Pipe Rail Doctor:  Type Of Subst Tenk Holds: Other Type Of Subst Tenk Holds: Other Type Of Tank Bubst: Not reported Case of OT The Primary Haz Sub: Not reported Haz Substance Ankhure: Tank Last Used: Tank Fermannahi Cased Removed: Admin Fee Stick: Admin Fee Stick: Admin Fee Stick: Admin Fee Stick: And Research Added: Tank England Added: Tank England Added: Tank England Added: Tank England With Spill Protection: Tank Used For Emergency Genttr: Tank Cased Of Mark Letter: Tank Cased For Emergency Genttr: Tank Cased For Emergency Gentry Tank Cased For Emergency Gent	Tank ID:  Tank ID:  Tank ID:  Townsel ID:  T

EDR ID Number EPA ID Number

Database(s)

Map ID Direction Distance Distance (ft.) Elevation Site 1000138083

| MAP FINDINGS | Part |

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City	EDR ID	Site Name	Site Address	Ziρ	Database(s)
BELTON	\$108357560	BELTON MARKETPLACE	1105 / 1109 E NORTH AVE		NPDES
BELTON	1001488533	CASEYS GENERAL STORE \$2235	6069 E 163RD ST		RCRA-SQG, FINDS
BELTON	S10835204E	ROCK BROOK CHURCH EXPANSI	173RD STREET		NPDES
BELTON	\$108358015	CARNEGIE VILLIAGE	HWY 58 / HWY Y		NPDES
BELTON		BELTON 9TH GRADE CENTER	HWY 58 / CLEVELAND		NPDES
BELTON	\$108357223		HWY 56 W OF MULLEN RD		NPOES
BELTON		CRITICAL SITE PRODUCTS WA	16245 S. 71 HWY		NPDES
BELTON		PICKERING PLACE, INC WWIF	HWY 71	64012	NPDES
BELTON	1006334351		17065 S. 71 HIGHWAY	54012	MLTS
BELTON		BUDS DISCOUNT CITY NO 4083	HWY 71 & MO HWY 58		RCRA-SDG, FINDS
BELTON		CORNERSTONE POINTE	HWY 71/HWY 7(183RD ST)		NPDES
BELTON	S108357162	AARON'S FAMILY FUN CENTER	BEL RAY CR / HWY 58		NPDES
BELTON		CHERRY HILL COMMERCIAL PA	CHERRY HILL DR / HWY 58		NPDES
BELTON		PLATEAU FIRST PLAT	CLEVELAND AVE		NPDES
BELTON		BELTON TOWN CENTRE ADD.#2	NW CORNER-MO ST. HWY 58 /		NPOES
BELTON		US ARMY CORPS/RICHARD GEBAUR AF8	US HIGHWAY 71		LAST
BELTON		Y HIGHWAY IMPROVEMENTS -	YHWY	84012	NPOES
BELTON		AQUA AUTO SPA	MO HWY 58 / STARLIGHT DR	64012	NPDES
BELTON		MIDWEST DIV/RVH LLC DBA RESEARCH B	17065 S HWY 71	64012	RCRA-SQG
BELTON		PUBLIC STORAGE	15505 S HWY 71	64012	RCRA-SQG
BELTON	5108362821		INT OF 155TH / VALLEY RO	64012	NPDES
SELTON		ROBIE BROTHERS 2ND ADDITI	MILL ST. / S. CIRCLE DR	64012	NPDES
BELTON		THE TRADITIONS	NE OF CAMBRIDGE/MULLEN RD	84012	NPDES
BELTON		MEADOW CREEK 1ST PLAT	NE OF 71 / 58 HWY	84012	NPDES
BELTON		SEMCO DISTRIBUTING BELTON	PROSPECT AVE / HWY 58	64012	NPDES
BELTON		AUTUMN RIDGE	1.2 MLS OF HWY 58 /	64012	NPDES
BELTON	S106513977		913 SCOTT AVENUE	64012	LAST
BELTON	1009920887		521 SECOND STREET	64912	icis
BELTON	1003073163		203 RO ST	64012	CERCLIS, FINDS
BELTON	S108358947		HWYY / CAMBRIDGE RD	64012	NPDES
GRANDVIEW		ALDI PROPERTY (FORMER DX)	BARAT AVE / HWY 71 E ACCESS	64030	LUST
GRANDVIEW	\$105060292 \$108107109		12822 S HWY 71		LUST
GRANDVIEW	1003073162		N SIDE HWY 150	64030	CERCLIS, FINDS
KANSAS CITY	1000830453		14330 S 71 HWY	64147	LUST, UST
KANSAS CITY	1000831621	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	14800 U.S. HIGHWAY 71	64141	RCRA-SQG, FINDS, LUST, U
ROGERSVILLE		EXPRESS MART #1	409 8 MILLS ST (V V / HWY 60	84030	LUST

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# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

Source: EPA

#### FEDERAL RECORDS

#### NPL: National Priority List

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, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007 Date Data Arrived at EDR: 01/31/2007 Date Made Active in Reports: 03/12/2007

Telephone: N/A

Last EDR Contact: 05/03/2007 Next Scheduled EDR Contact; 07/30/2007

Number of Days to Update: 40

Data Release Frequency: Quarterly

#### NPL Site Boundaries

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6 Telephone: 214-655-6659

EPA Region 3

EPA Region 7 Telephone: 913-551-7247 Telephone 215-814-5418

EPA Region 8 EPA Region 4

Telephone 404-552-8033 Telephone: 303-312-6774

EPA Region 9 EPA Region 5

Telephone: 415-947-4246 Telephone 312-886-6686

EPA Region 10

Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the Issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006 Date Data Arrived at EDR: 11/01/2006 Date Made Active in Reports: 11/22/2006

Source: EPA Telephone: N/A

Last EDR Contact: 05/03/2007 Next Scheduled EDR Contact: 07/30/2007 Number of Days to Update: 21 Data Release Frequency; Quarterly

# DELISTED NPL: National Priority List Deletions

The National Oll and Hazardous Substances Poliution Contingency Plan (NCP) establishes the criteria that the FPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006 Date Data Arrived at EDR: 01/31/2007 Date Made Active in Reports: 03/12/2007 Source: EPA Telephone: N/A Last EDR Contact: 05/03/2007

Next Scheduled EDR Contact: 07/30/2007 Number of Days to Update: 40

Data Release Frequency: Quarterly

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#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens, Under the authority granted the USEPA by 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 received notification of potential liability. USEPA complies a listing of filed notices of Superfund Liens,

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 05/21/2007

Number of Days to Update: 56

Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: No Update Planned

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

CERCLIS contains data on potentially hazardous wasta sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL

Date of Government Version: 02/27/2007 Date Data Arrived at EDR: 03/21/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 37 Source: EPA Telephone: 703-412-9810 Last EDR Contact: 03/21/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Quarterly

#### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the Inventory of CERCLIS sites. Archived status indicates that, to the best of EPAS knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 03/21/2007 Date Data Arrived at EDR; 04/27/2007 Date Made Active In Reports; 05/25/2007 Number of Days to Update; 28 Source: EPA Telephone: 703-412-9810 Last EDR Contact: 05/15/2007 Next Scheduled EDR Contact: 05/17/2007 Data Release Frequency: Quarterly

#### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007 Date Data Arrived at EDR: 03/20/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Undata: 38 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 06/04/2007 Next Scheduled EDR Contact: 09/03/2007 Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

#### GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984, RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or loser for acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006 Date Data Arrived at EDR: 06/28/2006 Date Made Active in Reports: 08/23/2006 Number of Days to Update: 56 Sourca: EPA Telephone: 913-551-7003 Last EDR Contact: 06/05/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Quarterly

#### ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 01/24/2007 Date Made Active in Reports: 03/12/2007 Number of Days to Update: 47

Telephone: 202-267-2180 Last EDR Contact: 04/24/2007 Next Scheduled EDR Contact: 07/23/2007 Data Release Frequency: Annually

Source: National Response Center, United States Coast Guard

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials incident Report System, HMiRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 04/17/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 27 Source: U.S. Department of Transportation Telephone: 202-366-4555 Last EDR Contact: 04/17/2007

Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency; Annually

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 04/20/2007 Date Data Arrived at EDR: 04/26/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 29 Source: Environmental Protection Agency Telephone: 703-603-8905 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Varies

#### US INST CONTROL: Sites with institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 04/20/2007 Date Data Arrived at EDR: 04/26/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 29 Source: Environmental Protection Agency Telephone: 703-603-8905 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports; 01/11/2007
Number of Days to Update: 62

Source: USGS Telephone: 703-692-8801 Last EDR Contact: 05/11/2007 Next Schedulad EDR Contact: 08/06/2007 Data Release Frequency: Semi-Annually

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 09/20/2006 Date Made Active in Reports: 11/22/2006 Number of Days to Update: 63 Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Varies

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Demonstration Pilots-minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields intitlative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, turitories, and indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients was on a proposal and application process. BCRLF cooperative agreement recipients used through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/04/2007 Date Data Arrived at EDR: 04/04/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 51 Source: Environmental Protection Agency Telephone: 202-558-2777 Last EDR Contact: 06/11/2007 Next Scheduled EDR Contact: 09/10/2007 Data Release Frequency: Semi-Annually

#### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites, Released periodically by United States District Courts after settlement by parties to httgation matters,

Date of Government Version: 08/23/2006 Date Data Arrived at EDR: 03/06/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 35

Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 04/23/2007 Next Scheduled EDR Contact: 07/23/2007

#### ROD: Records Of Decision

Record of Decision, ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/27/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007

Number of Days to Update: 31

Source: EPA Telephone: 703-416-0223 Last EDR Contact: 03/27/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Annually

Data Release Frequency: Varies

# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

#### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the milis shut down, large piles of the sand-like material (mili latings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tallings were used as construction materials before the potential health hazards of the tallings were recognized.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/08/2006 Date Made Active in Reports: 01/29/2007 Number of Days to Update: 82 Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/17/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Varies

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 06/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### TRIS: Toxic Chemical Release Inventory System

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: 12/31/2004 Date Data Arrived at EDR: 06/22/2006 Date Made Active in Reports: 08/23/2006 Number of Days to Update: 62 Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Annually

#### TSCA: Toxic Substances Control Act

Number of Days to Update: 48

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.

Date of Government Version: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006

Source: EPA Telephone: 202-260-5521 Last EDR Contact: 04/16/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
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). To maintain currency, EDR contacts the
Agency on a quarterly basis.

Date of Government Version: 02/26/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Source: EPA/Office of Prevention, Pesticides and Toxic Substances Telephone: 202-566-1667

Date Made Active in Reports: 04/10/2007 Last EDR Contact: 06/15/2007

Number of Days to Update: 40 Next Scheduled EDR Contact: 09/17/2007

Data Release Frequency: Quarterly

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Funglide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports; 04/10/2007 Number of Days to Update; 40 Source: EPA Telephone: 202-565-1667 Łast EDR Contact: 06/15/2007 Next Scheduled EDR Contact: 09/17/2007

Data Release Frequency: Quarterly

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of posticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/13/2007 Date Made Active In Reports: 04/27/2007 Number of Days to Update: 45 Source: EPA Telephone: 202-564-4203 Last EDR Contact: 04/12/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Annually

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monites. These monites are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/08/2007 Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 32 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

#### **DOT OPS: Incident and Accident Data**

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2007 Date Data Arrived at EDR; 02/28/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 41 Source: Department of Transporation, Office of Pipeline Safety Telephone: 202-366-4595 Last EDR Contact: 05/30/2007

Next Scheduled EDR Contact; 08/27/2007 Data Release Frequency: Varies

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 05/01/2007 Date Data Arrived at EDR: 05/03/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 22 ations for radiation and radioactivity.

Source: Environmental Protection Agency
Telephone: 202-343-9775

Last EDR Contact: 05/03/2007 Next Scheduled EDR Contact: 07/30/2007

Data Release Frequency: Quarterly

#### CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that Indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006 Date Data Arrived at EDR: 01/08/2007 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 3 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 06/06/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Quarterly

# HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRATSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxis Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, t was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active In Reports: 04/10/2007 Number of Days to Update: 40 Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 06/15/2007 Next Scheduled EDR Contact: 09/17/2007 Data Release Frequency: No Update Planned

#### ICIS: Integrated Compliance Information System

The Integrated Compilance Information System (ICIS) supports the information needs of the national enforcement and compilance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/21/2007 Date Data Arrived at EDR: 04/03/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Lindate: 41 Source: Environmental Protection Agency Telephone: 202-564-5088 Last EDR Contact: 04/16/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Quarterly

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 31 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 06/11/2007 Next Scheduled EDR Contact: 09/10/2007 Data Release Frequency: Varies

#### PADS: PCB Activity Database System

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: 10/17/2006 Date Data Arrived at EDR: 11/29/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 43 Source: EPA Telephone: 202-566-0500 Last EDR Contact: 06/08/2007 Next Scheduled EDR Contact: 08/06/2007 Data Release Frequency: Annually

## MLTS: Material Licensing Tracking System

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: 04/05/2007 Date Data Arrived at EDR: 04/25/2007 Date Made Active in Reports: 05/25/2007 Number of Days to Update: 30 Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 04/02/2007 Next Scheduled EDR Contact: 07/02/2007 Data Refease Frequency: Quarterly

#### MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/06/2007 Date Data Arrived at EDR: 03/28/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 47 Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-9399
Last EDR Contact: 03/28/2007
Next Scheduled EDR Contact: 05/25/2007
Data Release Frequency: SemI-Annually

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report. PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007 Date Data Arrived at EDR: 01/23/2007 Date Made Active In Reports: 02/27/2007 Number of Days to Update: 35 Source: EPA Telephone: (913) 551-7003 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 07/02/2007 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records, it was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Source: EPA

Date of Government Version: 04/17/1995 Date Data Arrived at EDR; 07/03/1995 Date Made Active in Reports: 08/07/1995 Number of Days to Update: 35

Telephone: 202-564-4104 Last EDR Contact: 06/04/2007 Next Scheduled EDR Contact: 09/03/2007 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment. Storace, and Discosal Facilities.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/06/2007 Date Made Active in Reports; 04/13/2007 Number of Days to Update: 38 Source: EPA/NTIS Telephone: 800-424-9348 Last EDR Contact: 06/12/2007 Next Scheduled EDR Contact: 09/10/2007 Data Release Frequency: Biennially

#### STATE AND LOCAL RECORDS

SHWS: Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

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: 04/10/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 29 Source: Department of Natural Resources Telephone: 573-751-1990 Last EDR Contact: 04/09/2007 Next Scheduled EDR Contact: 05/25/2007 Data Release Frequency: Quarterly

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and includeds the following information: a general description of the site; a summary of any significant environmental problems at and near the site; a summary of any serious health problems in the immediate vicinity of the site; the status of any testing, monitoring or remedial actions in progress or recommended by the department,

Date of Government Version: 06/30/2006 Date Data Arrived at EDR: 04/27/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 13

Source: Department of Natural Resources Telephone: 573-751-3176 Last EDR Contact: 04/04/2007 Next Scheduled EDR Contact: 07/02/5007 Data Release Frequency: Annually

DEL SHWS: Registry Sites Withdrawn or Deleted

A list of sites that were removed from the Registry or for which Registry action was suspended due to cleanup.

Date of Government Version: 06/28/2006 Date Data Arrived at EDR: 06/29/2006 Date Made Active in Reports: 07/18/2006 Number of Days to Update: 19 Source: Department of Natural Resources Telephone: 573-522-3710 Last EDR Contact: 04/09/2007 Next Scheduled EDR Contact: 06/25/2007 Data Release Frequency: Annually

#### **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

SWF/LF: Solid Waste Facility List

Solid Waste Facilities/Landfill Sites. SWF/LF 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 maet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal

Date of Government Version: 12/18/2006 Date Data Arrived at EDR: 01/16/2007 Date Made Active in Reports: 02/16/2007 Number of Days to Update: 31 Source: Department of Natural Resources Telephone: 573-751-5401 Last EDR Contact: 04/18/2007 Next Scheduled EDR Contact: 07/16/2007 Data Release Frequency: Quarterly

HIST LF: Solid Waste Facility Database List

This database contains detailed information per site. It is no longer maintained by the Department of Natural Resources. For current information on solid waste facilities/landfills see the SWF/LF database.

Date of Government Version: 04/12/2005 Date Data Arrived at EDR: 07/19/2006 Date Made Active in Reports: 08/18/2006 Number of Days to Update: 30 Source: Department of Natural Resources Telephone: 573-751-5401 Last EDR Contact: 04/12/2007 Next Scheduled EDR Contact: 07/18/2007 Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tanks

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: 04/03/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 29 Source: Department of Natural Resources Telephone: 573-751-0135 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency; Semi-Annually

UST: Petroleum Storage Tanks

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; 04/03/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 05/03/2007 Number of Days to Update: 22 Source: Department of Natural Resources Telephone: 573-751-0135 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Seml-Annually

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 04/03/2007 Date Data Arrived at EDR: 04/11/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 29 Source: Department of Natural Resources Telephone: 573-751-6822 Last EDR Contact: 04/11/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tanks Registered Aboveground Storage Tanks.

> Date of Government Version: 04/18/2007 Date Data Arrived at EDR: 04/18/2007 Date Made Active in Reports: 05/08/2007 Number of Days to Update: 20

Source: Department of Agriculture Telephone: 573-751-7052 Last EDR Contact: 04/09/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Semi-Annually

## SPILLS: Environmental Response Tracking Database

Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 04/13/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active In Reports: 05/10/2007 Number of Days to Update: 24 Source: Department of Natural Resources Telephone: 573-525-3349 Last EDR Contact: 04/09/2007

Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Semi-Annually

#### AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 04/01/2007 Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 28

Source: Department of Natural Resources Telephone: 573-751-3176 Last EDR Contact: 04/10/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Varies

# VCP: Sites Participating in the Voluntary Cleanup Program

Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 04/01/2007 Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 28

Source: Department of Natural Resources Telephone: 573-526-8913 Last EDR Contact: 04/10/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Seml-Annually

# DRYCLEANERS: Drycleaners in Missouri Listing

A listing of drycleaner facilities that are potentially eligible for reimbursement of department approved cleanup costs under the Drycleaning Environmental Response Trust Fund.

Date of Government Version: 05/17/2007 Date Data Arrived at EDR: 05/17/2007 Date Made Active in Reports: 06/07/2007 Number of Days to Update: 21

Source: Department of Natural Resources Telephone: 573-526-8913 Last EDR Contact: 05/14/2007 Next Scheduled EDR Contact: 08/13/2007 Data Release Frequency: Varies

## BROWNFIELDS: Brownfields Site List

Brownfields are sites where redevelopment and reuse is hampered by known or suspected contamination with hazardous substances. While many brownfield sites are minimally contaminated, potential environmental liability can be a problem for owners, operators, prospective buyers and financial institutions. Because of the targe number of these sites, their economic impact especially in heavily industrial areas. Is substantial.

Date of Government Version: 04/01/2007 Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 28

Source: Department of Natural Resources Telephone: 573-526-8913 Last EDR Contact: 04/10/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency: Semi-Annually

# CDL: Environmental Emergency Response System

Incidents reported to the Department of Natural Resources where drug lab materials were involved.

Date of Government Version: 04/13/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/10/2007 Number of Days to Update: 24

Source: Department of Natural Resources Telephone: 573-751-3443 Last EDR Contact; 04/09/2007 Next Scheduled EDR Contact: 07/09/2007 Data Release Frequency; Varies

# RRC: Certified Hazardous Waste Resource Recovery Facilities

Facilities that take hazardous waste material, either from on-site or off-site, and make it re-usable.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/12/2007 Date Data Arrived at EDR: 03/14/2007 Date Made Active in Reports: 03/29/2007 Number of Days to Update: 15

Source: Department of Natural Resources Telephone: 573-751-3176 Last EDR Contact: 06/11/2007 Next Scheduled EDR Contact: 09/10/2007 Data Release Frequency: Seml-Annually

# NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Pollution Branch.

Date of Government Version: 05/01/2007 Date Data Arrived at EDR: 05/02/2007 Date Made Active in Reports: 06/07/2007 Number of Days to Update: 36

Source: Department of Natural Resources Telephone: 573-751-7023 Last EDR Contact: 04/30/2007 Next Scheduled EDR Contact: 07/30/2007 Data Release Frequency: Varies

#### TRIBAL RECORDS

#### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 339

Source: USGS Telephone: 202-208-3710 Last EDR Contact: 05/11/2007 Next Scheduled EDR Contact: 08/06/2007 Data Release Frequency: Seml-Annually

# INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming,

Date of Government Version: 02/19/2007 Date Data Arrived at EDR: 02/27/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 35

Source: EPA Region 8 Telephone: 303-312-5271 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly

# INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in lowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006 Date Data Arrived at EDR: 10/04/2006 Date Made Active in Reports: 11/08/2006 Number of Days to Update: 35 Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 05/20/2007 Data Release Frequency: Varies

# INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005 Date Data Arrived at EDR: 01/21/2005 Date Made Active in Reports: 02/28/2005 Number of Days to Update: 38

Source: EPA Region 6 Telephone: 214-865-8597 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Fiorida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 03/20/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 28

Sourca: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Semi-Annually

TC1957437.1s Page GR-10

TC1957437.1s Page GR-11

# INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006 Date Data Arrived at EDR: 12/01/2006 Date Made Active in Reports: 01/29/2007 Number of Days to Undate: 59 Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

# INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 34 Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly

#### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/30/2007 Date Data Arrived at EDR: 03/30/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 28

Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Quarterly

#### INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 34 Source: EPA Region 10 Telephone: 205-553-2857 Last EDR Contact: 05/21/2007 Next Schedulad EDR Contact: 08/20/2007 Data Release Frequency: Quarterly

## INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 03/26/2007 Date Data Arrived at EDR: 03/27/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 31 Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

#### INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 03/20/2007 Date Data Arrived at EDR: 04/16/2007 Date Made Active in Reports: 05/14/2007 Number of Days to Update: 28 Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Semi-Annually

#### INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007 Date Data Arrived at EDR: 01/12/2007 Date Made Active in Reports: 01/29/2007 Number of Days to Update: 17 Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land A listing of underground storage tank locations on Indian Land.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2006 Date Data Arrived at EDR: 12/01/2006 Date Made Active in Reports: 01/29/2007 Number of Days to Update: 59

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

#### INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004 Date Data Arrived at EDR: 12/29/2004 Date Made Active in Reports: 02/04/2005 Number of Days to Update: 37

Source: EPA Region 5 Telephone: 312-886-9136 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varles

## INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 02/19/2007 Date Data Arrived at EDR: 02/27/2007 Date Made Active in Reports: 04/04/2007 Number of Days to Update: 36 Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/21/2007
Next Scheduled EDR Contact: 08/20/2007
Data Release Frequency: Quarterly

# INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2008 Date Data Arrived at EDR: 10/04/2008 Date Made Active in Reports: 11/08/2006 Number of Days to Update: 35 Source: EPA Region 7 Telephona: 913-551-7003 Last EDR Contact: 05/21/2007 Next Scheduled EDR Contact: 08/20/2007 Data Release Frequency: Varies

#### EDR PROPRIETARY RECORDS

#### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whate oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

# CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004 Date Data Arrived at EDR: 02/17/2006 Date Made Active in Reports: 04/07/2006 Number of Days to Update: 49

Source: Department of Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 06/13/2007 Next Scheduled EDR Contact: 09/10/2007 Data Release Frequency: Annually

# NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

Date of Government Version: 10/26/2006 Date Data Arrived at EDR: 11/29/2006 Date Made Active in Reports: 01/05/2007 Number of Days to Update: 37

Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 06/01/2007 Next Scheduled EDR Contact: 08/27/2007 Data Release Frequency: Annually

#### PA MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 03/17/2006 Date Made Active in Reports: 06/06/2006 Number of Days to Update: 81

Source: Department of Environmental Protection Telephone: N/A

Last EDR Contact: 06/11/2007 Next Scheduled EDR Contact: 09/10/2007 Data Release Frequency: Annually

# RI MANIFEST: Manifest Information

Hazardous waste manifest information Date of Government Version: 04/09/2007

Date Data Arrived at EDR: 04/12/2007 Date Made Active in Reports: 04/27/2007 Number of Days to Update: 15

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 03/19/2007 Next Scheduled EDR Contact: 06/18/2007 Data Release Frequency: Annually

# WI MANIFEST: Manifest information

Hazardous waste manifest information. Date of Government Version: 12/31/2006

Date Data Arrived at EDR: 04/27/2007 Date Made Active in Reports: 06/08/2007 Number of Days to Update: 42

Source: Department of Natural Resources Telephone: N/A

Last EDR Contact: 04/24/2007 Next Scheduled EDR Contact: 07/09/2007

Data Release Frequency: Annually Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily

#### Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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fitness for any particular purpose. Such information has been reprinted with the permission of PennWeil.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-785-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicald Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities

Source: Department of Health & Senior Services

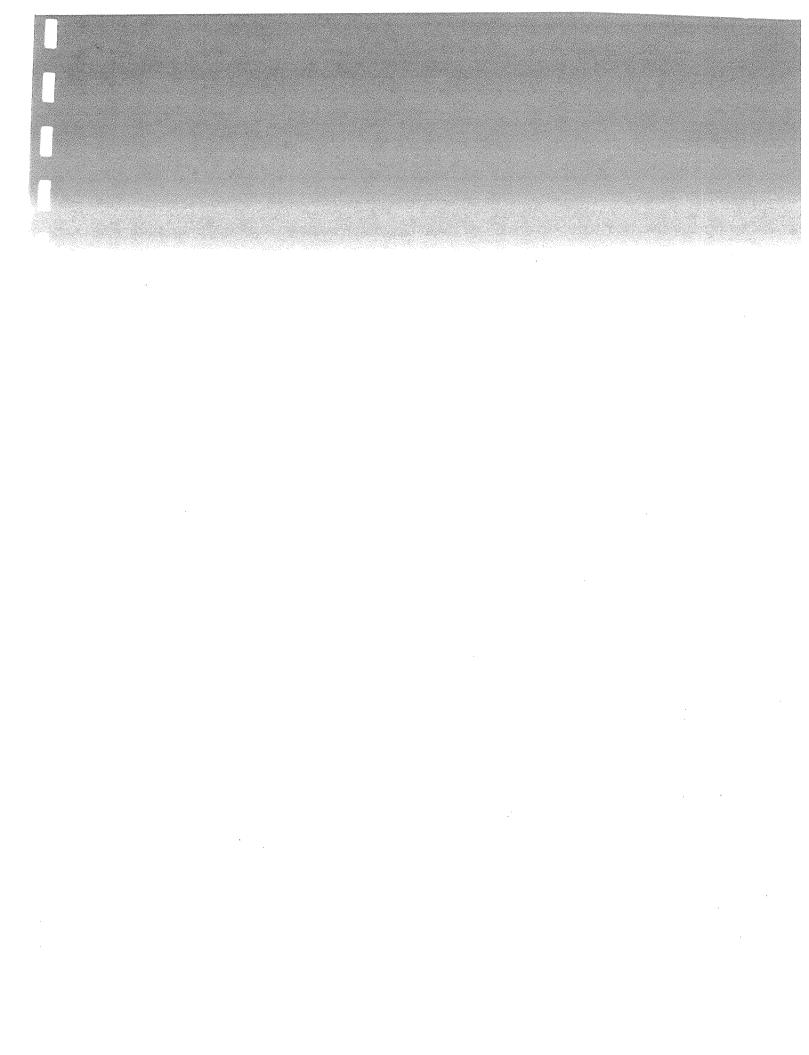
Telephone: 573-751-2450

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## STREET AND ADDRESS INFORMATION

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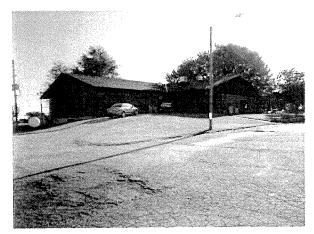
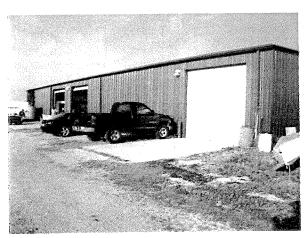


Photo #1 Clubhouse facing northeast



Photo #3 Access drive and shed facing south



**Photo #5** Maintenance building facing southwest



Photo #2 Parking lot followed by the clubhouse facing north



Photo #4 Maintenance building facing northeast



Photo #6 Maintenance building facing northwest

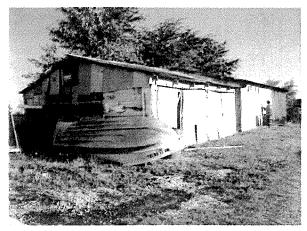


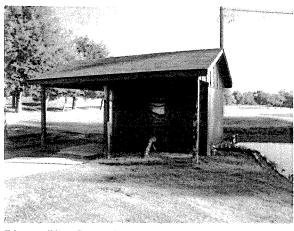
Photo #7 Shed facing northwest



**Photo #9** Pump house on the east-central portion of the site



**Photo #11** Facing southeast from the northwest corner of the site



**Photo #8** Pump house on the southeast corner of the site



**Photo #10** Facing east from northwest corner of the site

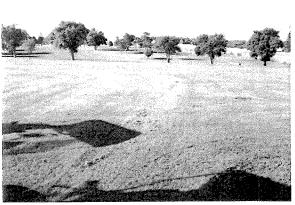


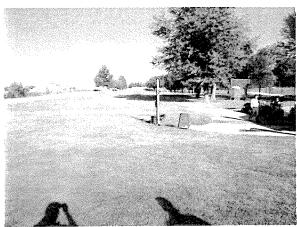
Photo #12 Facing south from the northwest corner of the site



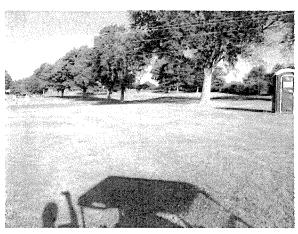
**Photo #13** Facing south from the northeast corner of the site



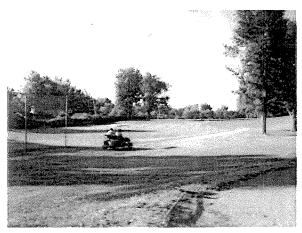
**Photo #15** Facing west from the northeast corner of the site



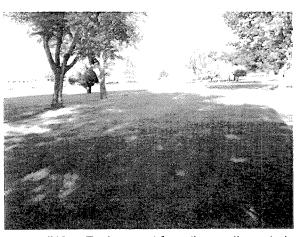
**Photo #17** Facing west from the southeast corner of the site



**Photo #14** Facing southwest from the northeast corner of the site



**Photo #16** Facing south from the east-central area of the site



**Photo #18** Facing west from the south-central portion of the site

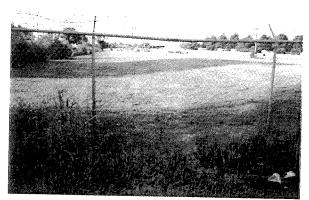


Photo #19 South-central area, west of the maintenance building, facing southwest

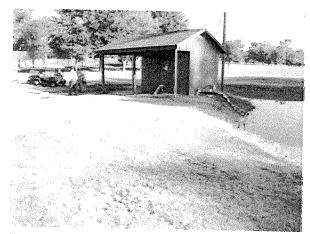


Photo #21 Area of water well (water well is below ground surface) near the southeast pond (located in area of missing vegetation)

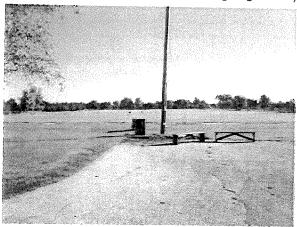


Photo #23 Driving range facing north

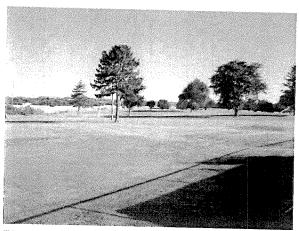


Photo #20 North-central area, facing north

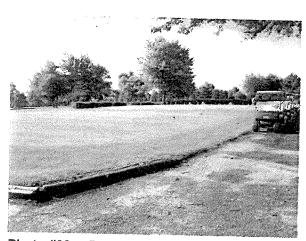


Photo #22 Putting area and area of water well (water well is below the ground surface)

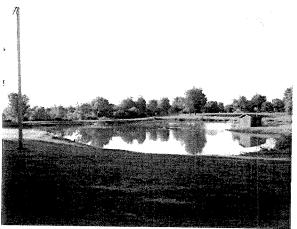
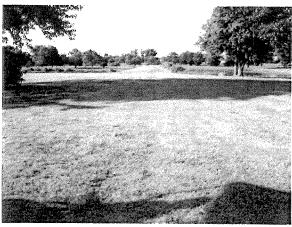


Photo #24 Pond on the northeast portion of the site



**Photo #25** Pond on the southeast corner of the site



**Photo #26** Area between the two south-central ponds on the southern portion of the property



Photo #27 The east, south-central pond



Photo #28 The west, south-central pond



Photo #29 Brush and wood chip area

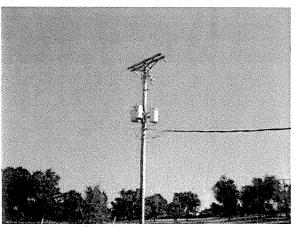


Photo #30 Typical pole-mounted transformers

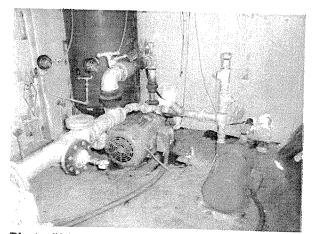


Photo #31 Inside the pump house near the northeast pond

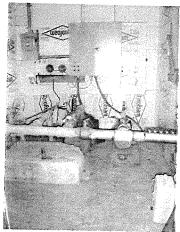
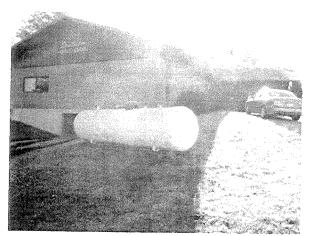


Photo #33 Inside the pump house near the southeast pond



**Photo #35** Propane tank followed by the clubhouse



Photo #32 Inside the pump house near the northeast pond

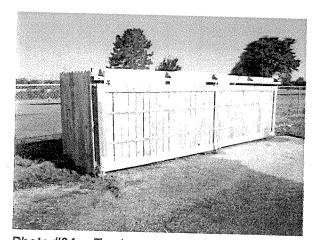


Photo #34 Trash containment structure



Photo #36 Pro Shop inside the clubhouse



Photo #37 Restaurant inside the clubhosue



Photo #38 Dining area inside the clubhouse

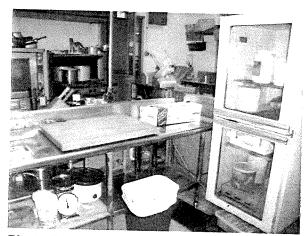
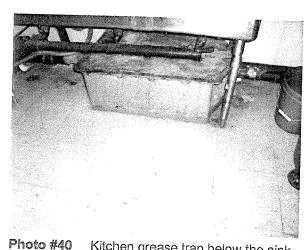


Photo #39 Kitchen inside the clubhouse



Kitchen grease trap below the sink



Basement inside the clubhouse (with a typical floor drain)

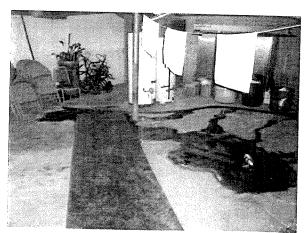


Photo #42 Basement inside the clubhouse (with a typical floor drain)



Photo #43 Cement pad where the carts are washed

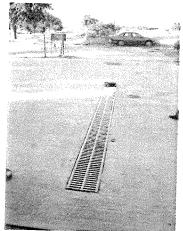


Photo #45 Facing south of the maintenance building: Trench drain followed by the cleanout and gravel (gravel pit)

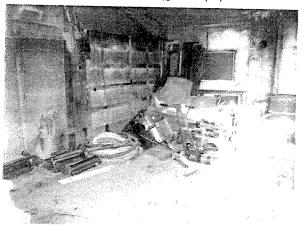


Photo #47 Inside the shed, storage

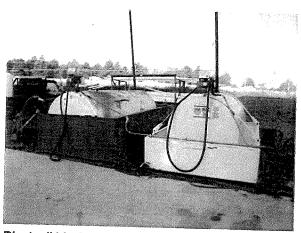


Photo #44 Gasoline and diesel ASTs



**Photo #46** Gravel pit followed by the maintenance building

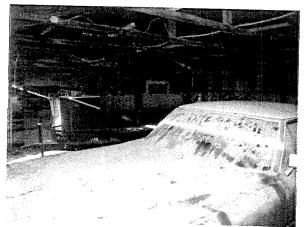


Photo #48 Inside the shed, storage



Photo #49 55-gallon drum containing water and staining at the edge of the concrete



Photo #51 55-gallon drum of used oil and staining in area where the used oil is typically sotred

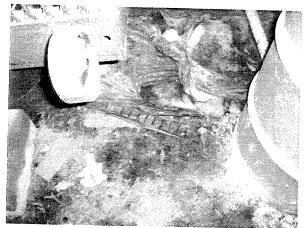


Photo #53 Staining on the soil in the south portion of the shed



Photo #50 Staining at the edge of the concrete

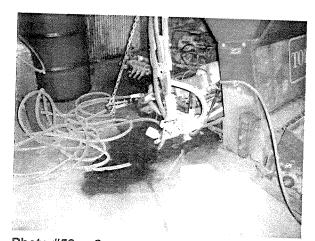


Photo #52 Cement crack and staining in area where the used oil is typically stored



**Photo #54** Staining on the soil in the south portion of the shed

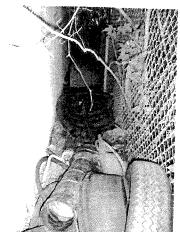


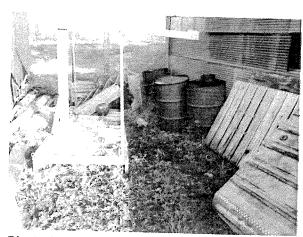
Photo #55 West side of the shed



Photo #57 Equipment and random storage on the south side of the maintenance building



**Photo #59** Facing north inside the maintenance building, north portion



**Photo #56** Storage area between the shed and maintenance building, empty 55-gallon drums



Photo #58 Air compressor

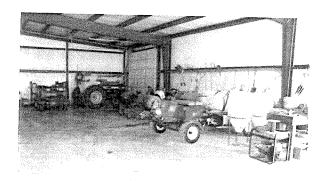


Photo #60 Facing north inside the maintenance building, north portion

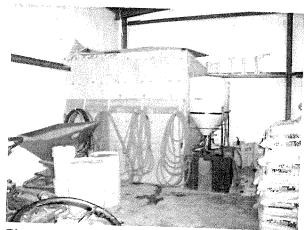


Photo #61 Pesticide storage room, empty 55gallon drums



Photo #63 Water wetter solution 55-gallon ASTs



Photo #65 55-gallon drums of used oil in maintenance building

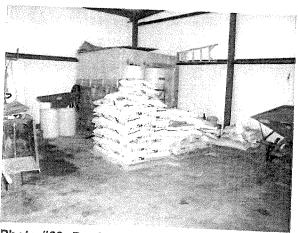


Photo #62 Dry fertilizer followed by pesticide room

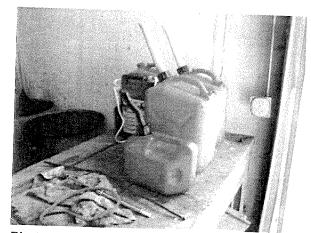


Photo #64 Typical gasoline containers



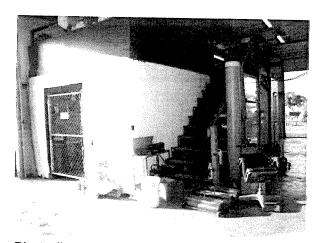
Photo #66 Staining in the area of the 55-gallon drums of used oil in maintenance building



Photo #67 Inside the pesticide room



Photo #69 Pesticide storage area, staining on the shelf



**Photo #71** Southeast corner of the building, storage area



Photo #68 Inside the pesticide room, minor staining and no secondary containment



Photo #70 Pesticide sprayer



**Photo #72** Southwest corner of the building, maintenance area followed by restrooms and kitchen

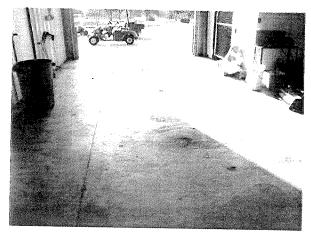


Photo #73 East bay door in the south portion of the building and floor drain

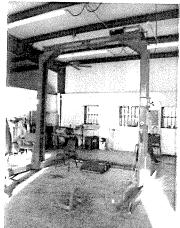


Photo #75 Above-grade hydraulic lift



Photo #77 Parts washer



**Photo #74** South bay door in the south portion of the building and floor drain



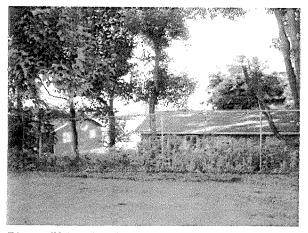
Photo #76 Used oil collection system



Photo #78 55-gallon drum of car wash solution



**Photo #79** 55-gallon drum of new oil with staining on the concrete



**Photo #81** North-adjoining property: Residential

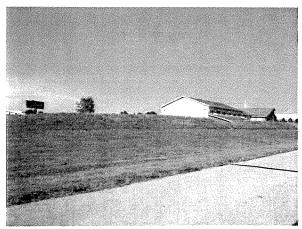


Photo #83 South-adjoining property: East 162<sup>nd</sup> Street followed by vacant land and a church

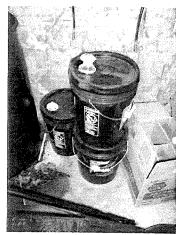
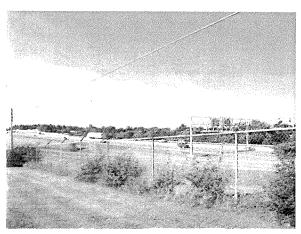


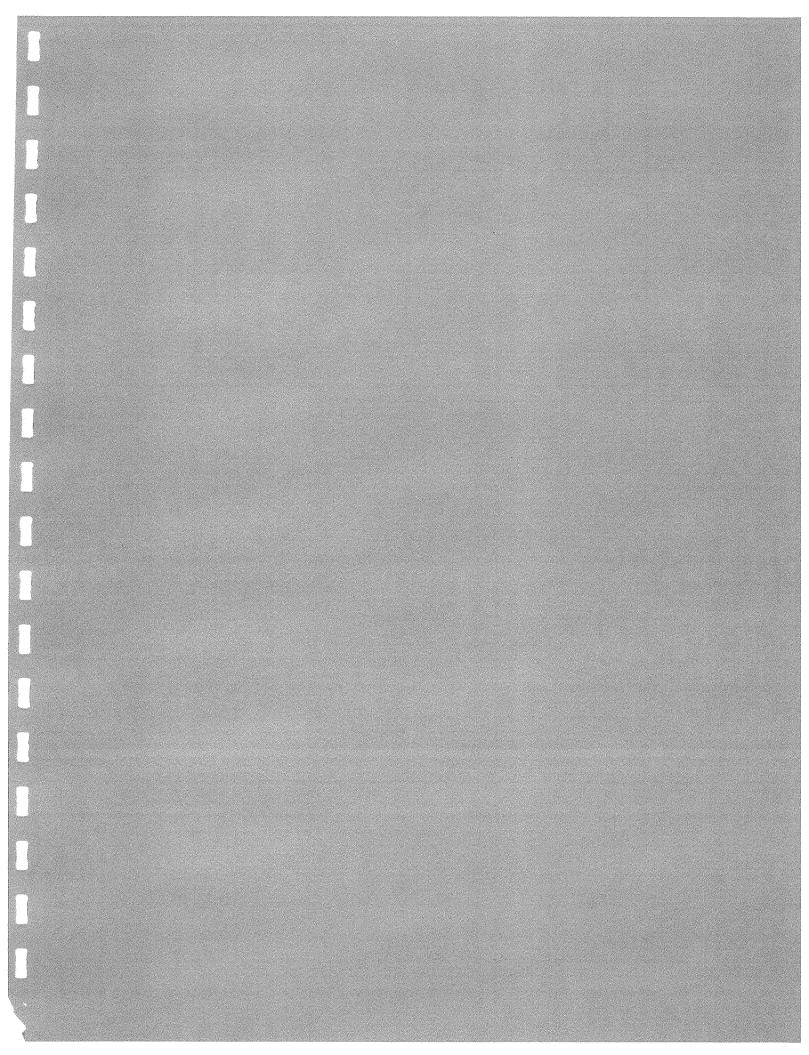
Photo #80 5-gallon containers of hydraulic fluid, and staining near the 55-gallon drum of new oil



Photo #82 East-adjoining property: Residential



**Photo #84** West-adjoining property: South Outer Road followed by US Highway 71



# ASHLEY D. EICKHOFF

# **ENVIRONMENTAL SCIENTIST**

#### PROFESSIONAL EXPERIENCE

Ms. Eickhoff performs various duties including Phase I Environmental Site Assessments (Phase I ESAs), Limited Site Investigations (LSIs), and asbestos inspections. Her duties include direct site contact interaction, scheduling and/or performing all phases of project fieldwork, interviews with site contacts, interviews with state and local government officials, interpretation of various research databases, research and analysis of historical records, analysis and incorporation of information relating to environmental site assessments, and preparation and production of client deliverables.

Ms. Eickhoff field experience includes identifying recognized environmental conditions (RECs), asbestos inspection and sampling, well gauging, soil and groundwater sampling, laboratory soil classification, direct push sampling using the GeoProbe®, and developing the soil lithologies associated with GeoProbe® core samples.

#### PROFESSIONAL DUTIES

Phase I Environmental Site Assessments (ESAs)
 Conducted and managed over 100 Phase I ESAs ranging from undeveloped land, cellular towers, multi-family residential structures, gasoline stations, multi-tenant shopping centers, manufacturing facilities, industrial facilities, dry cleaners, and office/commercial buildings.

# Limited Site Investigations (LSIs)

Conducted and managed LSIs in Kansas and Missouri. Specific sites of concern have included impact by dry cleaners, aboveground storage tanks (ASTs), and underground storage tanks (USTs).

Responsibilities include preparation of work scopes, collection of soil and groundwater samples, preparation of samples for shipment to a laboratory for analysis, and interpretation of analytical results. Specific sites of concern have included impact by dry cleaners, aboveground storage tanks (ASTs), underground storage tanks (USTs), and oil/gas wells.

## Asbestos Inspections and Sampling

In conjunction with Phase I ESAs, conducts limited asbestos inspections and sampling of properties ranging from multi-family residential structures to commercial developments in Kansas and Missouri.

#### PROJECT EXPERIENCE

# Completed single site Phase I Environmental Site Assessments and Limited Site Investigations

Managed and completed ESA's and LSI on various single site projects in Kansas, Missouri, and Nebraska.

#### Cellular Towers across Nebraska

Assisted with and helped manage a portfolio of Phase I ESAs on ten (10) cellular equipment on telecommunication towers in rural and urban environments.

# Atchison Brownfields Assessment Pilot Project

Under an EPA Brownfields assessment grant with the City of Atchison, Kansas, completed a Phase I ESA on a brownfield site located in the center of the downtown business district.

#### **EDUCATION**

Bachelor of Science, Environmental Geology, 2005, Northwest Missouri State University, Maryville, Missouri

#### **CERTIFICATIONS**

40-Hour OSHA Hazardous Waste Operations Training

AHERA Asbestos Inspector: Kansas, Missouri 2006

Restricted Monitoring Well Installers Permit (Missouri)

## **WORK HISTORY**

Terracon Consultants, Inc., Environmental Scientist, 2005 – Present

# ERIC J. GORMAN, CHMM, P.G. ENVIRONMENTAL DUE DILIGENCE MANAGER

## PROFESSIONAL EXPERIENCE

Mr. Gorman is manager of the Environmental Due Diligence services in Terracon's Lenexa, Kansas office. As a Professional Geologist in Kansas and Missouri and as a Certified Hazardous Material Manager, he is responsible for business development, management, and technical supervision of the due diligence personnel and projects in the Kansas City region.

Mr. Gorman has over 14 years of experience as an environmental geologist/professional and has had equal amounts of experience on Federal/Government projects and on commercial/industrial projects. He holds his bachelor's degree in geology from the University of Missouri-Rolla and will soon have his master's in engineering management from the University of Kansas.

Mr. Gorman has managed national services contracts including multi-state Phase I, II, and III environmental site assessments and Cell-Tower Phase I/NEPA. These activities included the oversight of hydraulic lift removal, UST removal, and remediation activities in many States across the Country. Additional responsibilities include determining environmental compliance of USTs, ASTs, waste and materials management, and wastewater discharged to local, State, and Federal rules and regulations. Mr. Gorman has also provided emergency response, monitoring, and remedial activities for two National retail petroleum clients with numerous local sites. Additionally, Mr. Gorman has become increasingly involved with site redevelopment activities through completion of Brownfields assessments and environment assessments of federal surplus property.

His environmental experience began in the government services arena working as a consultant under CERCLA/RCRA programs performing preliminary assessment, site investigation, hazard ranking scoring, and RI/FS activities. Additionally, Mr. Gorman has been involved with numerous investigations at active and inactive Army ammunition plants (AAPs), Air Force and Army bases, and a former ordinance plant. His responsibilities included performing large sampling events, installing monitoring wells, supervising drill crews, and fulfilling QA/QC officer requirements.

#### PROJECT EXPERIENCE

 Manager of General Motors Environmental Assessment Program – National

Developed a strong understanding of environmental compliance issues related to auto service facilities. Responsibilities included determining environmental compliance of USTs, ASTs, waste and materials management, and wastewater discharged to local, State, and Federal rules and regulations. Common projects included the assessment and mitigation of releases from underground structures, such as lifts, USTs, and oil/water separators.

## **EDUCATION**

Obtaining Master of Science, Engineering Management, University of Kansas, Edwards Campus

Bachelor of Science, Geology-Emphasis in Environmental Ground Water and Geochemistry, 1993, University of Missouri-Rolla

#### REGISTRATIONS

Certified Hazardous Materials Manager

Registered Geologist, Missouri

Licensed Geologist, Kansas

Permitted Missouri Monitoring Well Installer

#### CERTIFICATIONS

40 Hour OSHA Hazardous Waste Site Training – Annual 8 Hour Refreshers

#### AFFILIATIONS

Environment Committee, Kansas City Chamber of Commerce

KC Metro Centurions 2-Year Leadership Progam

# **WORK HISTORY**

Terracon, Environmental Due Diligence Manager, 2002-Present

Shaw E & I, Inc. Project Manager, 1997-2002

TapanAm Associates, Environmental Scientist/Geologist, 1994-1997

CDM Federal, Inc., Field Geologist, 1993-1994

ES & E, Inc., Assistant Field Geologist, 1990-1992

# PROJECT EXPERIENCE (continued)

# SPCC Plans, Sites in Kansas City, Missouri

A Spill Prevention Control and Counter-measures SPCC Plan was developed which described routes of potential releases, responsible personnel, spill prevention and control measures, facility inspection, recordkeeping, security, training procedures, clean-up criteria, location and type of spill response equipment.

#### Retail Petroleum – Missouri, Kansas

Managed and conducted initial site investigations, site monitoring, groundwater monitoring, soil and groundwater remediation activities and closure of numerous UST sites in Missouri, Kansas and across the country. UST clients have included three local and regional retail petroleum elements. Most sites have included the State UST Insurance Programs.

# Environmental Protection Plan (EPP), Fort Leanord Wood, MO

The scope of work for the EPP included such plans as a storm water pollution prevention plan (SWP3); traffic control plan; spill control plan; contaminant prevention plan; wastewater management plan; and historical archeological, cultural resources, biological resources and wetlands plan.

# Redevelopment Environmental Summary, Sunflower AAP, Kansas

Prepared an Environmental Summary Report providing a general overview of the 9,065-acre SAAP site regarding the status of identified contamination and environmental issues. The primary focus was on the larger environmental issues, to construct a comprehensive overview of environmental matters at the site along with making an initial determination if the issues/risks can be managed.

### Multi-State Phase I, II, and III Environmental Site Assessments

Managed national due diligence contracts for property assessment and determining various aspects of environmental compliance.

# Department of Corrections – State of Missouri

Conducted hazardous and flammable materials survey for disposal, proper handling and storage

#### Fort Drum—Gasoline alley, Fort Drum, New York

Corp of Engineers – Kansas City District; Conducted remedial investigation activities of groundwater contaminated with gasonline across a 4-mile area present will various levels of free-phase product and disolved concentrations related to former and active fueling stations.

## GATX, KDHE VCP – Argentine, Kansas

Former Railcar Maintenance Facility. KDHE – Voluntary Cleanup Program, Completed investigation work plans, site activities, reports and remedial activities for various areas of the site including a potential drum storage area, a former railcar cleaning facility, former UST area, and former transformer area.

## • Star Enterprise (Texaco) Tank Farm - Fairfax, Virginia

Groundwater contaminated with large diesel and aviation fuel plume. Operated hydrocarbon remediation system and collected routine environmental readings and samples

# • Department of Defense, Former Kentucky Ordinace Plant - Paducah, Kentucky

Managed a drill crew and conducted numerous investigations over several areas of concern. Assisted in managing the QA/QC program for the data collected during the eight month field investigation. Areas investigated included a former landfill, burn area, ordinance plant, and water treatment plant. Additional training included Rad Worker II training.

# Project Experience (CONTINUED)

- GSA, Hardesty Complex (excess property surplus) Independence, Missouri
  GSA proposed to evaluate disposal of this Federal property to non-federal private or public entities. A
  cooperative multi-agency participation of GSA, USEPA, and Missouri DNR (MDNR) evaluated the facility.
  Completed Phase I, PA/SI, and HRS scoring at the site along with several phases of soil and groundwater
  investigation borings.
- Former Perrin Air Force Base (FUDS site) -- Sherman, Texas
   Corp of Engineers Tulsa, Oklahoma District; Completed investigation of a test burn area and two landfill units for closure of units, TCE and TRPH contaminants of concern.
- Former Air Force Base Blytheville, Arkansas
   Performed remedial actions related to oil/water separators and underground storage tanks associated with the former hangers and maintence facilities. Treatment of impacted soils involved on-site bio-remediation. The purpose of the remedial actions were to eventually turn over use and operation of the facilities over the surrounding community.
- Lake City AAP Independence, Missouri
   Conducted investigations related to transfer of property through the Federal transfer program for commercial use of facilities/property on the active base.
- Shreveport AAP Minden, Louisiana
   Conducted numerous sampling events and several groundwater pumping and slug test in areas of former process lagoons and former burn areas.
- USEPA Region VII ARCS-Contract: Wright, Kansas; Conducted groundwater contamination study (RI/FS) of site present with VOC, herbicide, solvent, and pesticide impacted media
- USEPA Region VII RAC-Contract: Hastings, Nebraska: FMGP site remediation, SVE and groundwater pump and treat