



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**99.3 - ACRES OF VACANT LAND
7136 WEST FARM ROAD 144
REPUBLIC, GREENE COUNTY, MISSOURI**

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MASTER LIST OF ACRONYMS AND ABBREVIATIONS

AAI	All Appropriate Inquiry
ACM	Asbestos-containing material
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tank
ASTM	American Society for Testing Materials
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition
DTLs	Default Target Levels
EDR	Environmental Data Resources, Inc.
ESA	Environmental Site Assessment
EWI	Environmental Works, Inc.
HREC	Historical Recognized Environmental Condition
LAST	Leaking Aboveground Storage Tank
LLC	Limited Liability Company
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
MDNR	Missouri Department of Natural Resources
MPSTIF	Missouri Petroleum Storage Tank Insurance Fund
MSDIS	Missouri Spatial Data Information Service
NFA	No Further Action
NonGen	NonGenerator
PCBs	Polychlorinated Biphenyls
PSTIF	Petroleum Storage Tank Insurance Fund

MASTER LIST OF ACRONYMS AND ABBREVIATIONS

RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
ft ²	Square feet or square footage
SQG	Small Quantity Generator
US EPA	United States Environmental Protection Agency
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment/Intrusion Condition
VCP	Voluntary Cleanup Program

1.0 EXECUTIVE SUMMARY

Environmental Works, Inc. (EWI) was retained by Drury Properties, Inc. on July 10, 2015 to perform a Phase I Environmental Site Assessment (ESA) of the 99.3 - Acres of Vacant Land located at 7136 West Farm Road 144 in Republic, Greene County, Missouri. The Phase I ESA was conducted in accordance with the American Society for Testing Materials (ASTM) E 1527-13 Standard. The Vapor Encroachment Screening practices were conducted in accordance with ASTM E 2600-10 for a Tier 1 Level Screening. This report may be relied upon/used by Drury Properties, Inc. The property will hereafter be designated as "subject property", "subject site", or "Site". The subject property is owned by Drury Properties, Inc..

The subject property was utilized as a dairy farm from at least 1936 until the mid-to-late 1970's, at which time the onsite residence caught fire. A mobile home was placed onsite shortly thereafter. This mobile home still exists on the subject property. A second mobile home was placed on the Site adjacent to the existing mobile home in the early 1990's; however, it was removed sometime around 2001. A septic tank and water well are located west and southwest of the existing mobile home, respectively. The remaining portion of the Site is utilized as cropland.

The following recognized environmental conditions (RECs) and vapor encroachment conditions (VECs) were identified for the subject property during this assessment:

- Three (3) USTs (3,000-gallon red diesel, 3,000-gallon green diesel, and 2,000-gallon unleaded gasoline) installed in 2006 are located on the adjoining property to the south (BlueLine Rentals). These USTs are not registered with MDNR and are not insured by PSTIF. No documentation regarding tank inspections, tank tightness testing, or release detection could be obtained during this assessment. Additionally this property is located upgradient from the subject property. Any release from these tanks is not likely to have been documented or identified.
- The presence of a dump site was documented in a dry pond located on the southeastern portion of the Site during the review of a 2006 Phase I ESA performed for the subject property. Household hazardous wastes and white goods including a refrigerator, water heater, and other miscellaneous wastes were identified.

EWI recommends conducting a Limited Phase II Subsurface Investigation for the subject property to confirm or deny the RECs and VECs located on the subject property.

Additionally, EWI recommends if the onsite water well and septic tank are not planned to be utilized in the future, they should be closed according to State rules and regulations.

2.0 INTRODUCTION

2.1 Purpose

The purpose of the investigation is to identify and evaluate current RECs, conditional recognized environmental conditions (CREC), historical recognized environmental conditions (HREC), VECs, and potential environmental liabilities associated with the subject property and its neighboring properties, in accordance with the ASTM E 1527-13 and E 2600-10 standards. Areas of investigation included onsite activities and conditions, as well as offsite activities and conditions located within the researched area.

ASTM E 1527-13 defines a REC as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment." A material threat is "a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment." RECs do not include *de minimis* conditions, which are defined as "a condition that generally does not present a threat to human 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."

ASTM E 1527-13 defines a CREC as "a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Note: For example, if a leaking underground storage tank (LUST) has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a CREC. The "control" is represented by the restriction that the property use remains commercial. A condition considered by the environmental professional to be a CREC shall be listed in the findings section of the Phase I ESA report, and as a REC in the conclusions section of the Phase I ESA report. Note: A condition identified as a CREC does not imply that the environmental professional has

evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.”

ASTM E 1527-13 defines a HREC as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional must determine whether the past release is a REC at the time the Phase I ESA is conducted (for example, if there has been a change in regulatory criteria). If the environmental professional considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.”

ASTM E 2600-10 defines a VEC as “the presence or likely presence of chemical(s) of concern vapors in the subsurface of the target property caused by the release of vapors from contaminated soil or groundwater or both either on or near the target property as identified by Tier 1 or Tier 2 procedures.”

2.2 Detailed Scope of Service

This Phase I ESA was conducted in accordance with the ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. A visual inspection of the subject property was conducted to identify any evidence of historical and current uses that may contribute to environmental risk for the Site. Interviews with local, state, and federal agencies are included in this report. Photographic documentation of the Site is also included in the report. Adjoining properties were observed from the subject site or public rights-of-way to identify any conditions or actions which may have an adverse environmental impact on the subject site. Historical research was performed for the subject property to identify past ownership and land use which may be relevant to identifying potential environmental risks associated with the Site. This final report was prepared to describe and summarize the activities performed at the Site and identify any potential RECs, VECs, CRECs, or risks for the subject property. Findings and Opinions and Conclusions sections are included in this report.

Under ASTM E 1527-13, the client is responsible for providing information regarding title records, environmental liens, activity and/or land use limitations, a site diagram, site contact information, information regarding environmentally-related reduction(s) for the value of the subject property, and

the reason the Phase I ESA was performed.

The Scope of Work for this Phase I ESA is included as Appendix A to this report.

2.3 Significant Assumptions

All information regarding the subject property obtained from interviews with the current and past owner(s) of the Site and/or their representatives, agency officials, potential buyers of the property, etc., is assumed to be accurate and complete.

2.4 Special Terms and Conditions

All pertinent information obtained during this assessment is presented in this report. Conclusions and recommendations regarding the environmental condition of the subject property are based on information acquired from a facility site inspection, historical research of the subject property and its adjoining properties, regulatory agency file review, and interviews.

2.5 Limitations and Exceptions of the Report

This report has been prepared expressly for Drury Properties, Inc. for use in evaluation of the environmental condition of said property. EWI has performed the services in a manner consistent with that level of care and skill ordinarily exercised by other members of our profession currently practicing in the same locality and under similar conditions, within the limitations of the ASTM E 1527-13 standard and the All Appropriate Inquiries Rule established by the US EPA (40 CFR, Part 312) in accordance with an agreement with Drury Properties, Inc.. The Vapor Encroachment Screening practices were conducted in accordance with ASTM E 2600-10 for a Tier 1 Level Screening. The conclusions presented in this report are professional opinions, based solely upon visual observations of the Site and our interpretation of documents reviewed as described in this report. The conclusions are intended exclusively for the purpose outlined herein and at the site location, project, and timeframe indicated. This assessment did not include a certified Asbestos Hazard Emergency Response Act (AHERA) inspection or analysis of any soils, groundwater, or other materials at said property. The following limitations apply to the site inspection for this assessment:

- Tall crops and vegetation present on the Site limited the accessibility and observation of the ground surface at the subject property. As a result, the Site was not accessed in its entirety during the Site inspection. The Site was observed from the adjoining properties and traversed by foot, where accessible. EWI can make no representation of areas which could not be visually assessed during this assessment.

Further, the conclusions to this assessment are based upon the statements and representations of many individuals and/or agencies. EWI offers no opinion as to the correctness of these statements and representations and disclaims any liability thereof. No other warranty, expressed or implied, is made as to the contents, summary, and conclusions presented herein. This report may be relied upon/used by Drury Properties, Inc.. The scope of service performed in execution of this investigation may not be appropriate to satisfy the need of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said users.

It should be recognized that this assessment was not intended to be a definitive investigation of potential impacts at the subject property. It is possible that currently unrecognized impacts may exist at the Site. Conclusions and opinions presented herein apply to property conditions observed at the time of our investigation and those reasonably foreseeable. They cannot necessarily apply to changes to the subject property of which EWI is unaware and has not had the opportunity to evaluate.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property is located south of West Farm Road 144 in section 27, township 29 north, range 23 west on the Brookline Station, MO 7.5 – minute topographic quadrangle map.

The location of the Site is displayed on Figures 1.0 to 3.0 of this assessment.

A brief legal description of the subject property, as obtained from the Greene County Assessor's website, is as follows:

- REPUBLIC IRR 99.28A M/L BEG 2001.96 FT W SE COR 27/29/23 W 667.56 FT S 272.34 FT NWLY 1296.19 FT N 1187.9 FT W 359.76 FT N 809.14 FT E 1937.93 FT S TO BEG BEING PT 27&34/29/23 FT

3.2 Site and Vicinity Characteristics

The Site consists primarily of cropland and is located in an area of residential and other agricultural properties.

3.3 Current Use of the Subject Property

The subject property consists primarily of cropland. A vacant mobile home is present in the north-central portion of the Site.

3.4 Description of Structures, Roads, and Other Improvements

The subject property is 99.3-acres in size and has one approximately 900 square foot (ft²) mobile home in the northern portion of the Site. The remaining portions of the Site are cropland.

The subject property is illustrated in Figure 2.0.

3.5 Current Uses of the Adjoining Properties

Adjoining Property to the North	West Farm Road 144 and residences.
Adjoining Property to the West	Springfield Rugby Football Club Inc. and a vacant residence.
Adjoining Property to the Southwest	James River Freeway and pastureland.
Adjoining Property to the South	Carnahan Street and BlueLine Rental.
Adjoining Property to the East	Grass-covered, undeveloped land.

3.6 Physical Setting

Based on field observations, the subject property is located on a hilltop and slopes both to the north and south. Drainage from the northern portion of the Site enters an intermittent stream located to the north of the Site and drainage from the southern portion of the Site enters an intermittent stream located in the southwest portion of the Site. Drainage from the northern portion of the Site eventually enters an unnamed creek located approximately 1.1-miles northwest of the subject property. Drainage from the southern portion of the Site eventually enters Pond Creek located approximately 1.2-miles southwest of the subject property. The Area Topographic Map is included as Figure 3.0.

4.0 USER-PROVIDED INFORMATION

ASTM E 1527-13 defines a *user* as a person seeking a Phase I ESA of the subject property. A user may include, without limitation, a potential purchaser of the subject property, a potential tenant of the subject property, an owner of the subject property, a lender, or a Site manager.

In accordance with ASTM E 1527-13, the user/client is responsible for providing information to EWI regarding title records, environmental liens, land use, property value reduction due to environmental conditions, activity and/or land use limitations for the subject property, and any knowledge or experience they have pertaining to the environmental condition of the Site.

Mr. Mitch Drury, Vice President for Drury Properties, Inc., completed the Client Checklist. His comments are summarized in the following sections. A copy of the Client Checklist is included in Appendix B.

4.1 Title Records

Title records were not provided by the client to EWI for review.

4.2 Information Reported by the User Regarding Environmental Liens

Mr. Drury stated no environmental liens exist against the subject property.

4.3 Information Reported by the User Regarding Activity and/or Land Use Limitations

Mr. Drury stated no activity or land use limitations exist for the subject property.

4.4 Information Reported by the User Regarding Specialized Knowledge or Experience

Mr. Drury stated that the Site is currently used for agriculture use.

4.5 Valuation Reduction of the Site for Environmental Issues

In some instances, the environmental condition of a parcel of land has the potential to reduce the value of the subject property. The user must provide the environmental professional/consultant

information that the purchase price of the subject property is significantly less than the purchase price of comparable properties. The user should also identify an explanation for the lower price and make a written record of that explanation for the environmental professional/consultant.

Mr. Drury indicated that to his knowledge, the value of the subject property has not been reduced below the price of comparable properties in the immediate area.

4.6 Site Owner, Property Manager, and Occupant Information

Site Owner(s):	Drury Properties, Inc.
Site Manager(s):	Mitch Drury
Site Occupant(s):	Not Applicable

4.7 Reason for Performing the Phase I ESA

This Phase I ESA was performed by EWI for Drury Properties, Inc. in order to determine if any RECs exist at the subject property in accordance with ASTM E 1527-13 prior to selling the Site.

4.8 Previous Environmental Assessments

A Phase I ESA was performed by EWI for Drury Properties, Inc. on March 20, 2006. During the 2006 Phase I the subject property consisted primarily of pastureland with an approximately 900 ft² single-wide mobile home, an approximately 1,800 ft² wood barn, two dry ponds, a water well, and two septic tanks. No RECs were identified during that assessment.

Pertinent findings from the 2006 ESA are summarized below:

According to the owner representative, a dump site has been located on the Site for an unknown number of years. This dump area was identified as a "domestic landfill" in the 2006 ESA. The materials present were assumed, but not confirmed to contain solid waste and farm-related debris

Several 5-gallon containers with unknown contents are located in the southern portion of the barn. Any chemicals present in these containers should be removed from the Site and disposed of properly.

Based on the identification of the dry pond area as a "domestic landfill" for unspecified periods of time and with unknown contents, a potential exists for buried waste to be present that contains hazardous substances or petroleum products. The dump site/"domestic landfill" identified in the historic Phase I ESA is considered a REC to the subject property.

A copy of the EWI 2006 assessment is maintained on file at EWI.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Sources

The federal and state governments publish lists of facilities that have reported or suspected releases of hazardous materials and/or petroleum products to the environment, may store such chemicals, and/or generate hazardous waste. These lists were reviewed for the subject property and for facilities within the ASTM standard radius from the subject property for their record source. Information obtained from these lists may indicate if a recorded release of hazardous materials and/or petroleum products has occurred on the subject property or neighboring properties within the research area. The information obtained may also indicate if the subject property or neighboring properties are involved in any federal or state clean-up activities. If a facility appeared on any of these lists, it is indicated below.

The state and federal lists researched include the following:

ASTM-required Federal and State Data Sources Searched:

- ◆ NPL - National Priorities List and State and Tribal Equivalent (within 1.0-mile)
- ◆ DELISTED NPL- Delisted NPL Facilities (within 0.5-mile)
- ◆ CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Act Information System and Tribal Equivalent (within 0.5-mile)
- ◆ CERC-NFRAP - CERCLIS-No Further Remedial Action Planned Facilities (within 0.5-mile)
- ◆ SHWS - State Hazardous Waste Sites List (State CERCLIS Equivalent) (within 0.5-mile)
- ◆ DEL SHWS - Facilities removed from the SHWS list (State CERCLIS-NFRAP Equivalent) (within 0.5-mile)
- ◆ CORRACTS - RCRA Corrective Action Information System Facilities (within 1.0-mile)
- ◆ RCRA-TSDF - RCRA Transportation, Storage & Disposal Facilities (within 0.50-mile)
- ◆ RCRA - Resource Conservation and Recovery Act-Hazardous Waste Generator Facilities (Site and adjacent properties only)
 - ◆ RCRA-LQG - Large Quantity Generator

- ◆ RCRA-SQG - Small Quantity Generator
- ◆ RCRA-CESQG - Conditionally Exempt Small Quantity Generator
- ◆ RCRA-NonGen - No Longer a Generator
- ◆ US INST CONTROLS and US ENG CONTROLS - Institutional and Engineering Controls and Tribal Equivalents (subject property only)
- ◆ AUL - State Institutional and Engineering Controls Equivalent (subject property only)
- ◆ ERNS - Emergency Response Notification System Facilities (subject property only)
- ◆ SPILLS - State Emergency Response Notification System Facilities (subject property only)
- ◆ SWF/LF - Permitted Solid Waste and Landfill Facilities (within 0.5-mile)
- ◆ LUST - Leaking Underground Storage Tanks List (within 0.5-mile)
- ◆ LAST - Leaking Aboveground Storage Tank (within 0.5-mile)
- ◆ UST - Underground Storage Tank List (subject property and adjoining properties for registered tanks)
- ◆ AST - Aboveground Storage Tank (subject property and adjoining properties for registered tanks)
- ◆ VCP - Voluntary Cleanup Program (within 0.5-mile)
- ◆ BROWNFIELDS - State Listed Brownfields Facilities (within 0.5-mile)
- ◆ SMARS - Site Management and Reporting System for Superfund, Federal Facilities, BVCP, and Missouri's other state response programs (within 0.5-mile)

Additional Federal and State Data Sources Searched, not specified by ASTM:

- ◆ US BROWNFIELDS - United States Listed Brownfields Facilities
- ◆ CONSENT - Consent Decrees
- ◆ DRYCLEANERS - Drycleaning Facility

Environmental Data Resources, Inc. (EDR) was contracted by EWI to perform the agency search and generate a report of the available information. A copy of this report is included as Appendix C. The findings provided in the EDR report were reviewed and environmentally pertinent findings are summarized below. The facilities listed in the EDR report but not summarized below are not likely to have had an adverse environmental impact on the Site based on the information provided by EDR, their topographically downgradient locations, and/or distances. Environmentally pertinent findings are discussed below:

- BlueLine Rental addressed at 7096 West Carnahan Street located on the adjoining property to the south appeared in the AST database. EWI has knowledge that Missouri Department of Natural Resources (MDNR) classifies fuel dispenser cabinets as ASTs. Six fuel dispensers are

listed in the EDR report for this facility. Additionally, three USTs are reported in the AST database; however, this facility did not appear in the UST database. Three (3) USTs (3,000-gallon red diesel, 3,000-gallon green diesel, and 2,000-gallon unleaded gasoline) installed in 2006 are located on the BlueLine Rentals site. These USTs are not registered with MDNR and are not insured by PSTIF. No documentation regarding tank inspections, tank tightness testing, or release detection could be obtained during this assessment. Additionally this property is located upgradient from the subject property. Any release from these tanks is not likely to have been documented or identified with a potential to migrate to the subject property. The BlueLine Rentals site is considered a REC and VEC to the subject property.

- The subject property did not appear in the EDR report.

5.1.1 Vapor Encroachment

The Vapor Encroachment Screening practices were conducted in accordance with ASTM E 2600-10 for a Tier 1 Level Screening utilizing the EDR report and the other information obtained during this assessment. EWI reviewed the facility listed in the EDR report above and in the area of the Site to determine if any pose concerns for the subject property. Based on the discussion and findings for the BlueLine Rentals site presented in Section 5.1, in the event of a release to subsurface, this site is thought to pose a potential vapor encroachment source to the subject property.

5.2 Additional Environmental Records Sources

Additional environmental records sources related to USTs, hazardous materials use or storage, hazardous materials spills, and remedial investigations or clean-up activities were researched for the subject property and its adjoining properties. The following agencies were contacted or their files were personally reviewed by EWI:

- ◆ Greene County Assessor's Website
- ◆ City of Republic Public Works Department
- ◆ City of Republic Fire Department
- ◆ Missouri Department of Natural Resources (MDNR)
- ◆ MDNR Tanks Database
- ◆ Missouri Emergency Environmental Response Tracking System (MEERTS)
- ◆ Missouri Petroleum Storage Tank Insurance Fund (MPSTIF)

The results of the agency contacts and/or file research, which in our professional judgment are relevant to this investigation for the subject property and its adjoining properties, are presented below:

- The Greene County Assessor’s website was researched on July 13, 2015 for information regarding the subject property (Parcel# 881427300007). The Site has been owned by Drury Properties, Inc. since May 1, 2006. The previous owner of the subject property was Trogon Farms Inc.
- The following agencies/databases were contacted for information regarding the area of the Site. The telephone numbers, websites, and/or email addresses for these contacts are provided in Section 15.0 of this report.

Agency/Database	Agency Contact	Date of Contact	Reason for Contact	Conclusion
City of Republic Public Works Department	Robert Wilson	7/17/15	Regarding reported environmental issues relating to the sanitary and/or stormwater sewer systems in the area of the Site.	The Site is currently not connected to city water and sewer; however, city water and sewer lines are present along the subject property boundary and are accessible for use by the Site.
City of Republic Fire Department	Not Applicable	7/17/2015	Regarding reported environmental issues, chemical spills, and/or non-medical emergency responses in the area of the Site.	A representative did not respond in time to add their comments to this report.
MDNR – Hazardous Waste and Solid Waste Management Program	Megan Helming	7/14/15	Information regarding hazardous waste generators, storage tank facilities, and other environmental issues in the general area of the Site.	No records were identified for the general area of the Site.
MDNR – Southwest Regional Office	Jamie Gruhlke	7/14/15	Information regarding hazardous waste generators, storage tank facilities, and other environmental issues in the general area of the Site.	No records were identified for the area of the Site.

Agency/Database	Agency Contact	Date of Contact	Reason for Contact	Conclusion
MDNR –Geological Survey	Rhonda Wilks	7/15/15	Information regarding environmental issues in the general area of the Site.	No records were identified for the area of the Site.
MDNR Tanks Database	Not Applicable	7/24/15	Registered USTs in the area of the Site.	A tank file does not exist for the adjoining property to the south (BlueLine Rental).
MEERTS Database	Not Applicable	7/24/15	Environmental responses for the Site and nearby properties.	No records were identified for the area of the Site.
MPSTIF	Julie Shae	7/24/15	Information regarding insurance coverage for the adjoining property to the south.	No records were identified for the property south of the Site.

5.3 Historical Use Information

Historical research of the subject property and its neighboring properties was performed in order to identify land use and past sources of hazardous materials usage and storage/disposal areas that potentially affected the Site. The following sources were consulted for historical information

- aerial photographs
- city directories
- Sanborn Fire Insurance Maps
- topographic maps

5.3.1 Aerial Photographs Review

Aerial photographs for 1959, 1970, 1979, 1984, 1990, 1997, 2005, 2006, 2007, 2009, 2010, and 2012 were provided in EDR’s Aerial Photo Decade Package in Appendix D of this report. An aerial photograph of the subject property for the year 2014 was obtained from the <http://datagateway.nrcs.usda.gov> website and is included as Figure 1.0. The photographs were reviewed to identify evidence of past land uses, spills, stains, extensive land disturbance, ASTs, landfills, sumps, material storage areas, settling ponds, and other potential hazards at the subject and neighboring properties. Pertinent observations are as follows:

1959	
Subject Property	Appears as a residence, garage, and two barns
Adjoining Property to the North	Appears as a road, residential property, and grass-covered, undeveloped land.
Adjoining Properties to the East, South, and southwest	Appears as grass-covered, undeveloped land.
Adjoining Property to the West	Appears primarily as grass-covered, undeveloped land with a residential property visible near the northwest corner of the Site.
1970 and 1979	
Subject Property	The residence is no longer visible; a mobile home is present in its place.
Adjoining Property to the North	Appears as the 1959 photograph; however, an additional residential property is visible.
Adjoining Properties to the East, South, Southwest, and West.	Same as the 1959 photograph.
1984 and 1990	
Subject Property	Same as the 1979 photograph.
Adjoining Property to the North	Appears as a road and four residential properties.
Adjoining Properties East, South, Southwest, and West	Same as the 1979 photograph.
1997	
Subject Property	Appears similar to the 1990 photograph; however, an additional mobile home is visible.
Adjoining Properties to the North, East, South, Southwest, and West.	Same as the 1990 photograph.

2005	
Subject Property	Appears similar to the 1997 photograph; however, the original mobile home is no longer visible.
Adjoining Property to the North, East, and west	Same as the 1997 photograph.
Adjoining Property to the South	Appears as a road.
Adjoining Property to the Southwest	Appears as two roads and grass-covered, undeveloped land.
2006	
Subject Property	Same as the 2005 photograph.
Adjoining Properties to the North, East, Southwest, and West	Same as the 2005 photograph.
Adjoining Property to the South	Appears as a road and commercial property under development.
2007	
Subject Property	Same as the 2006 photograph.
Adjoining Properties to the West, East and Southwest	Same as the 2006 photograph.
Adjoining Property to the South	Appears as a road and a commercial building.
Adjoining Property to the West	Appears similar to the 2006 photograph; however, a building is visible in the southern portion of the property.
2009, 2010, 2012, and 2014 (Figure 1.0)	
Subject Property	Same as the 2007 photograph.
Adjoining Properties to the North, South, Southwest, and West	Same as the 2007 photograph.
Adjoining Property to the East	Appears as a road and exposed soil.

5.3.2 City Directories Review

City directories are researched to determine residences and/or businesses located historically on and near the subject property in order to determine the previous use of the Site and its adjoining properties. EDR provided their City Directory Image Report for the area of the Site. This report will be maintained on file at EWI. The directories cover 1981 to 2013 in approximately 5-year intervals.

- The subject property appeared as residential in the 1981 through 2013 directories.
- No environmentally pertinent occupants appeared in the directories reviewed.

5.3.3 Sanborn Fire Insurance Maps Review

Sanborn maps originated in the late 1800s and were published until the early 1960s. The maps were used by insurance underwriters to determine the risk involved in insuring individual buildings in urban areas against loss in fires or other disasters. These historical maps plot building details and provide comments concerning a building's former use. The availability of Sanborn maps is limited to urban areas that historically presented fire hazards. The Certified Sanborn Map Report was ordered from EDR; however, Sanborn coverage is not available for the area of the Site.

5.3.4 Topographic Maps Review

Historical topographic maps are reviewed to determine past land use for the subject property and the general area. Topographic maps can also illustrate the presence of structures and other improvements in the area of the Site. The 1980 map was obtained from www.mapcard.com and included as Figure 3.0 of this report. Maps for 1886, 1936, 1960, 1970, and 1975 were provided by EDR's Historical Topographic Map Report and are included in Appendix D of this report.

1886	
Subject Property	Due to the scale of the 1886 topographic map, no features or structures are illustrated.
Adjoining Properties to the North, East, South, and West	Due to the scale of the 1886 topographic map, no features or structures are illustrated.

1936	
Subject Property	A man-made structure is illustrated.
Adjoining Property to the North	A road and man-made structure are illustrated.
Adjoining Property to the East	A pond is illustrated.
Adjoining Property to the South	An intermittent stream is illustrated.
Adjoining Property to the West	A man-made structure is illustrated.
1960	
Subject Property	Two man-made structures and two ponds are illustrated.
Adjoining Property to the North	A road and two man-made structures are illustrated.
Adjoining Properties to the East and South	Same as the 1936 map.
Adjoining Property to the West	A two man-mad structures, pond, and intermittent stream are illustrated.
1970	
Subject Property	A pond is illustrated.
Adjoining Property to the North	A road and three man-made structures are illustrated.
Adjoining Properties to the East, South, and West	Same as 1960 map.
1975 and 1980 (Figure 3.0)	
Subject Property	Three man-made structures and three ponds are illustrated.
Adjoining Properties to the North, East, South, and West	Same as 1970 map.

6.0 INFORMATION FROM THE SITE RECONNAISSANCE

The site inspection consisted of investigating the subject property and surrounding grounds and adjoining properties. The purpose of the inspection is to note visual evidence of existing or potential contamination on the properties from present or past land use, hazardous materials usage, storage, and disposal practices. See Section 2.5 of this report for any limitations to the site reconnaissance. The Site was observed from each accessible adjoining property.

The site inspection was performed on July 17, 2015. The following personnel participated in the Site inspection:

- Ms. Laura Westfall, EWI

Photographic documentation of the inspection is included as Appendix E of this report. Observations made during the inspection are noted as follows:

6.1 Evidence of Storage Tanks

No evidence of storage tanks (ASTs or USTs) was observed at the subject property or its adjoining properties.

6.2 Surface Impoundments (includes Pits, Ponds, and Lagoons)

Two ponds are present in the western portion of the Site; however, they were not observed during the Site reconnaissance.

6.3 Chemical Storage/Disposal Areas, Storage Drums, and Chemical Containers

No chemical disposal areas were observed onsite.

6.4 Waste Disposal (Liquid and Solid Wastes)

No solid or liquid waste disposal was observed at the subject property.

6.5 Areas of Staining and/or Discolored Flowing or Pooled Waters

No areas of staining and discolored or pooled waters were observed at the Site.

6.6 Abnormal or Ambient Odors

No abnormal or ambient odors were observed at the subject property.

6.7 Drains and Sumps

No drains or sumps were observed at the subject property.

6.8 Water and Sewer Services (Municipal Utilities, Water Wells, Septic Tanks, etc.)

A well house was observed southwest of the mobile home.

6.9 Potential PCBs (includes Electrical Transformers, Light Ballasts, Hydraulic Systems, etc.)

According to federal guidelines, all transformers manufactured after July 1979 are required to contain less than 50 ppm PCBs. All untested transformers are assumed to contain 50 to 500 ppm PCBs. Two pole-mounted transformers were observed along the northern property boundary along West Farm Road 144. One pole-mounted transformer was observed east of the mobile home. These transformers had decals present on their casings that indicated the manufacturer claims they contain less than 2 ppm PCBs and City Utilities of Springfield certifies they contain less than 50 ppm PCBs. Springfield City Utilities owns these transformers and is responsible for any leaks or spills not caused by negligence on the part of the landowner. The transformers appeared in good condition with no visible staining on their casings or the ground beneath.

6.10 Vegetation Condition

The vegetation onsite seemed typical to summer conditions. The majority of the Site is covered by cropland.

6.11 Heating and Cooling

No heating and cooling systems were observed on the Site.

6.12 Other Items

A vacant mobile home was observed on the subject property.

7.0 INTERVIEWS

Personal interviews are typically conducted with individuals to determine current and historical uses and incidents at the subject or adjoining properties, which may or may not have had an adverse environmental impact on the subject property.

7.1 Interview with the Site Owner

Mr. Mitch Drury, Vice President of Drury Properties Inc., owner of the Site, was interviewed for information regarding the use of the subject property with the Owner/Occupant Environmental Questionnaire. Mr. Drury stated he has owned the subject property since 2006. He stated prior to his ownership the subject property was agriculture land and its use has not changed since he has owned the Site. According to Mr. Drury the adjoining properties to the north are residences and agriculture, the adjoining properties to the east and south have various commercial uses, and the adjoining property to the west is agriculture land. Mr. Drury stated he spoke to a representative of BlueLine Rentals Corporate Office who indicated there was a steel, fiberglass lined, 10,000-gallon compartmentalized UST with 4,000-gallons of red diesel, 4,000-gallons of green diesel, and 2,000-gallons of unleaded gasoline located on the adjoining property to the south.

Mr. Drury stated no ASTs, USTs, chemical disposal or storage areas, or hydraulic equipment had been present on the subject property. He was unaware of any environmental violations, environmental liens, or threatened or pending lawsuits. Mr. Drury stated there had not been any unusual odors, stained soils, dumping, burning, or burying on the subject property. Two ponds and a mobile home with an electric furnace are located on the Site according to Mr. Drury. Natural gas is available from Missouri Gas Energy and water and sewer are available from City of Republic. Mr. Drury stated there is a private well and septic tank which service the mobile home. According to Mr. Drury a previous environmental assessment was completed on March 20, 2006 by EWI.

Mr. Drury was not aware of: (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property, or (3) any notices from any government entity regarding any possible environmental violations relating to hazardous substances or petroleum products for the subject property.

The Owner/Occupant Environmental Questionnaire is included as Appendix F of this report.

7.2 Interview with the Previous Site Owner

EWI attempted to contact **Mr. Joel Trogdon, representative of Trogdon Farms, Inc., previous Site Owner**, however, he could not be reached in time to include his comment in this report.

Trogdon Farms Inc. owned the Site from approximately 1940 until 2006. An interview was conducted with Mr. Joel Trogdon (representative) during the 2006 assessment. Mr. Trogdon's interview from that report is included below:

- **Mr. Joel Trogdon, representative of Trogdon Farms, Inc., completed the Owner / Occupant Environmental Questionnaire on March 3, 2006. His responses are summarized below.**

Mr. Trogdon stated his grandparents, the current owners of Trogdon Farms, Inc., have owned the Site since sometime in the 1940s or 1950s. He stated the subject property has been utilized as a dairy farm while owned by Trogdon Farms, Inc. A residence was previously present on the Site, but burned in the 1970s or 1980s. He stated prior to the current uses of the adjacent properties, they were agricultural properties.

Mr. Trogdon stated no ASTs, USTs, pits, lagoons, chemical disposal or storage areas, or stained soils, are present on the subject property. He stated a water well is currently in use on the Site. He reported two septic tanks are present on the Site. The septic tank furthest east was pumped in 2000 and has not been utilized since approximately 2001. The septic tank located west of the existing mobile home is currently in use and had new laterals installed in approximately 2002. Municipal water and sanitary sewer are currently not available on the subject property.

7.3 Interview with the Owners/Occupants of the Neighboring Properties

Mr. Adam Cobalt, Service Manager of BlueLine Rentals, stated there is a 3,000-gallon red diesel tank, 3,000-gallon green diesel tank, and 2,000-gallon unleaded gasoline tank located on the property and installed in 2006. He stated BlueLine Rentals, a construction equipment rental facility services their equipment rentals onsite.

7.4 Interview with the Adjoining Property Owner Representative

Ms. Jennifer Kubicek, Project Manager with Aecom Environmental, was interviewed for information pertaining to the USTs located on the adjoining property to the south. Aecom Environmental is the environmental consulting company for BlueLine Rentals. She indicated the USTs are not registered and Aecom Environmental is in the process of registering the USTs on behalf of BlueLine Rentals.

8.0 ADDITIONAL SERVICES

No additional services outside of the scope of the ASTM E 1527-13 standard were requested or provided in this assessment.

9.0 DEVIATIONS

This Phase I ESA did not deviate from the ASTM E 1527-13 standard.

10.0 DATA GAPS AND DATA FAILURES

As defined in ASTM E 1527-13 a data gap is *"a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information."*

Chain-of-title and lien searches were not performed for the Site; the absence of this information does not significantly affect our ability to provide an opinion regarding RECs for the subject property.

A data failure is *"a failure to achieve the historical research objectives"* of the ASTM E 1527-13 standard *"even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful"*. The historical research objectives are namely to develop a history of the previous uses of the subject property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the Site. The uses of the properties must be identified at five year intervals, as available, from the present back to the subject property's first developed use, or back to 1940, whichever is earlier. Data failures can be a type of data gap.

EWI was unable to determine the Site's uses back to first development; however, our historical research extended to the early 1930s. EWI utilized the reasonably ascertainable and useful information that was available during this assessment; therefore, no data failure was identified.

11.0 FINDINGS AND OPINIONS

The subject property was utilized as a dairy farm from at least 1936 until the mid-to-late 1970's, at which time the onsite residence caught fire. A mobile home was placed onsite shortly thereafter. This mobile home still exists on the subject property. A second mobile home was placed on the Site adjacent to the existing mobile home in the early 1990's; however, it was removed sometime around 2001. A septic tank and water well are located west and southwest of the existing mobile home, respectively. The remaining portion of the Site is utilized as cropland.

The following recognized environmental conditions (RECs) and vapor encroachment conditions (VECs) were identified for the subject property during this assessment:

- Three (3) USTs (3,000-gallon red diesel, 3,000-gallon green diesel, and 2,000-gallon unleaded gasoline) installed in 2006 are located on the adjoining property to the south (BlueLine Rentals). These USTs are not registered with MDNR and are not insured by PSTIF. No documentation regarding tank inspections, tank tightness testing, or release detection could be obtained during this assessment. Additionally this property is located upgradient from the subject property. Any release from these tanks is not likely to have been documented or identified.
- The presence of a dump site was documented in a dry pond located on the western portion of the Site during the review of a 2006 Phase I ESA performed for the subject property. Household hazardous wastes and white goods including a refrigerator, water heater, and other miscellaneous wastes were identified.

EWI recommends conducting a Limited Phase II Subsurface Investigation for the subject property to confirm or deny the RECs and VECs located on the subject property.

Additionally, EWI recommends if the onsite water well and septic tank are not planned to be utilized in the future, they should be closed according to State rules and regulations.

12.0 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 of the 99.3 - Acres of Vacant Land located at 7136 West Farm Road 144 in Republic, Greene County, Missouri. The Vapor Encroachment Screening practices were conducted in accordance with ASTM E 2600-10 for a Tier 1 Level Screening. Any exceptions to, or deletions from, this standard are described in Section 9.0 of this report. This assessment has revealed no evidence of RECs and VECs in connection with the subject property except for the following:

- Three (3) USTs (3,000-gallon red diesel, 3,000-gallon green diesel, and 2,000-gallon unleaded gasoline) installed in 2006 are located on the adjoining property to the south (BlueLine Rentals). These USTs are not registered with MDNR and are not insured by PSTIF. No documentation regarding tank inspections, tank tightness testing, or release detection could be obtained during this assessment. Additionally this property is located upgradient from the subject property. Any release from these tanks is not likely to have been documented or

identified.

- The presence of a dump site was documented in a dry pond located on the western portion of the Site during the review of a 2006 Phase I ESA performed for the subject property. Household hazardous wastes and white goods including a refrigerator, water heater, and other miscellaneous wastes were identified.

EWI recommends conducting a Limited Phase II Subsurface Investigation for the subject property to confirm or deny the RECs and VECs located on the subject property.

Additionally, EWI recommends if the onsite water well and septic tank are not planned to be utilized in the future, they should be closed according to State rules and regulations.

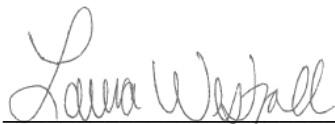
13.0 QUALIFICATIONS OF THE PERSONNEL PARTICIPATING IN THIS PHASE I ESA

An environmental professional, according to ASTM E 1527-13, is *a person meeting the education, training, and experience requirements as set forth in 40 CFR 312.10(b)*. All personnel assisting in the research, Site reconnaissance and composition of this Phase I ESA, who do not meet the definition of an environmental profession, worked under the direct supervision of the environmental professional.

We declare that, to the best of our professional knowledge and belief, we meet the definition of an *Environmental Professional* as defined in 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

14.0 SIGNATURES AND CERTIFICATIONS OF THE PERSONNEL RESPONSIBLE FOR THIS REPORT

We certify, by our signatures, the information submitted in this report to be true and accurate to the best of our knowledge. Resumes for these individuals are included as Appendix G of this report.



Ms. Laura Westfall
Environmental Associate



Mr. Nick Godfrey
Environmental Professional
Program Manager - Environmental Due Diligence

15.0 REFERENCES

Adjoining Property (BlueLine Rentals), Adam Cobalt, (417) 831-9111

Adjoining Property Owner Representative, Environmental Aecom, Jennifer Kubicek, (414) 831-4100

City of Republic Public Works, Robert Wilson, (417) 732-3400

Environmental Data Resources, <https://www.web.edrnet.com/>

Greene County Assessor's Website <http://beacon.schneidercorp.com/>

MDNR, Megan Helming, megan.helming@dnr.mo.gov

MDNR, Rhonda Wilks, Rhonda.wilks@dnr.mo.gov

MDNR Sunshine Request Website <http://dnr.mo.gov/sunshinerequests.htm>

MDNR – SWRO, Jamie Gruhlke, jamie.gruhlke@dnr.mo.gov

MEERTS Database <http://www.dnr.mo.gov/asp/esp/meerts/select.asp>

PSTIF – Julie Shae, jcs@willconsult.com

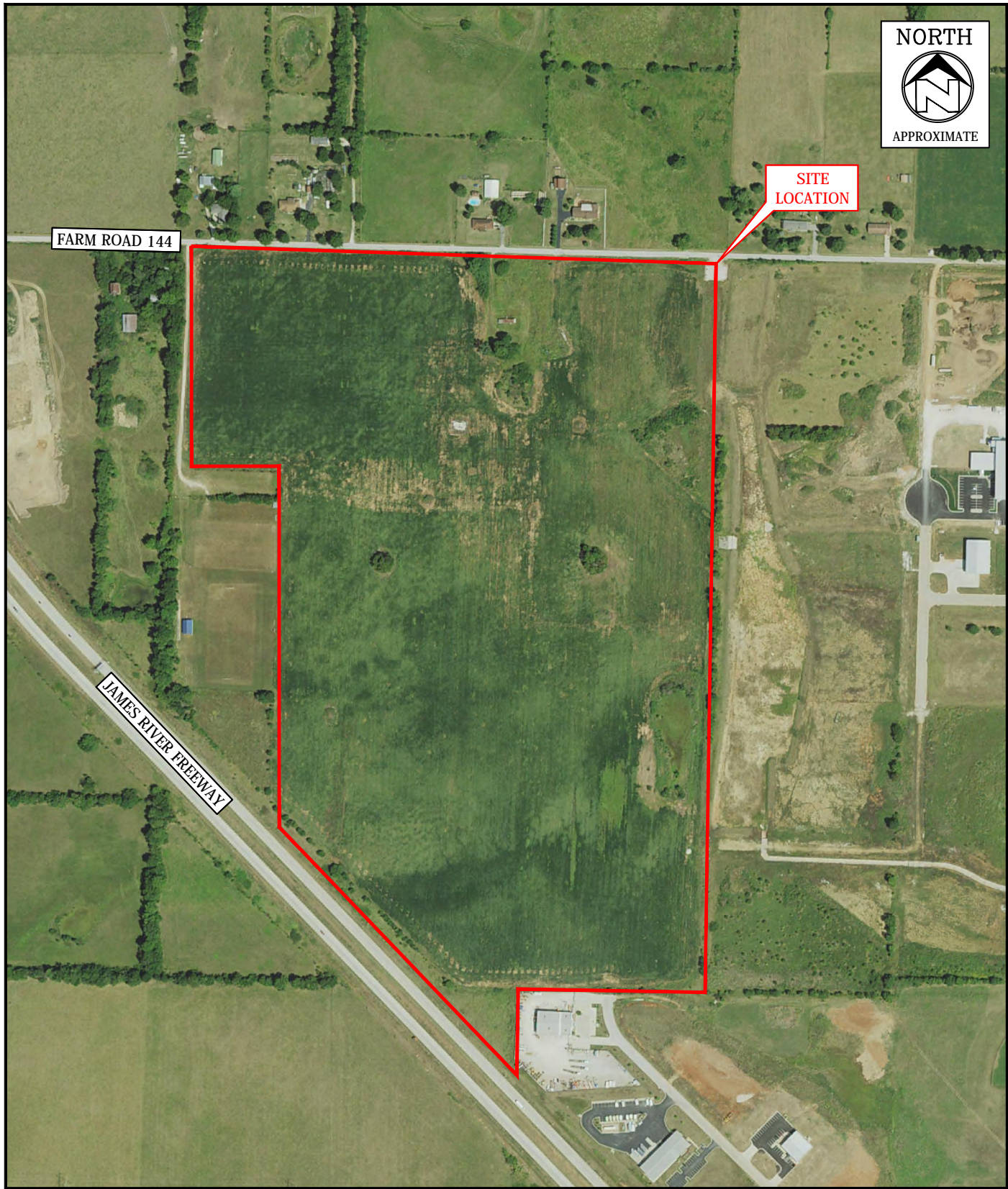
Republic Fire Department, (417) 732-3801

Site Owner, Mitch Drury, (417) 823-7200

USDA NRCS Website <http://datagateway.nrcs.usda.gov/GDGOrder.aspx?order=iMapOrder>

USGS Website <http://edcns17.cr.usgs.gov/NewEarthExplorer/>

FIGURES

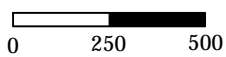


SOURCE: datagateway.nrcs.gov (2014)

CHECKED BY:
L. WESTFALL

EWI# 150550
DRAWN BY: ARK
Jul. 20, 2015

SCALE (FEET)



APPROXIMATE



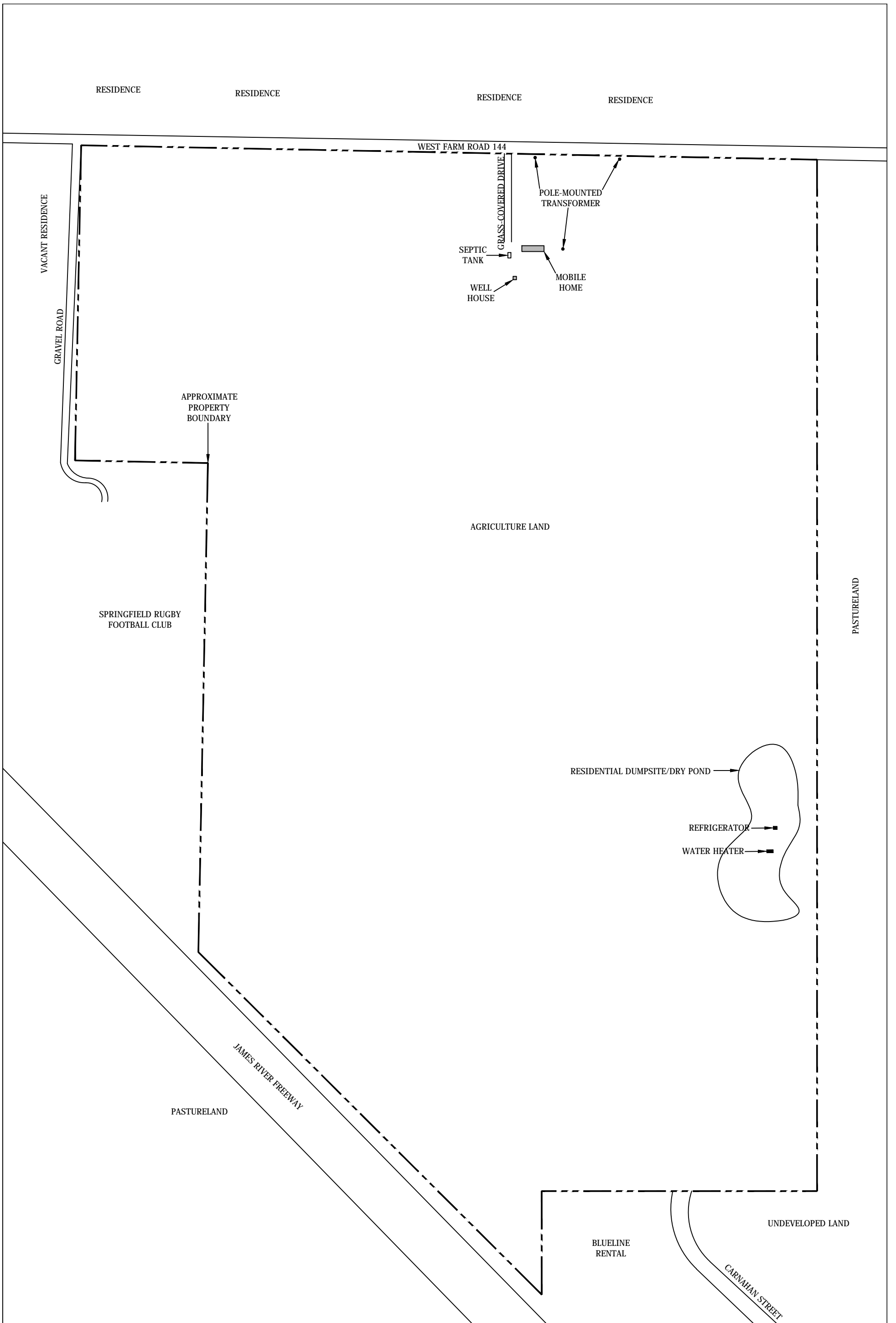
ENVIRONMENTAL WORKS

1455 E. Chestnut Expressway, Springfield, MO 65802

SITE LOCATION MAP

99.3-ACRES OF UNDEVELOPED LAND
7136 WEST FARM ROAD 144
REPUBLIC, GREENE COUNTY, MISSOURI

FIGURE
1.0



CHECKED BY:
L. WESTFALL

E.W.I. # 150550
DRAWN BY: ARK
Jul. 28, 2015

SCALE IN FEET

0 110 220

APPROXIMATE

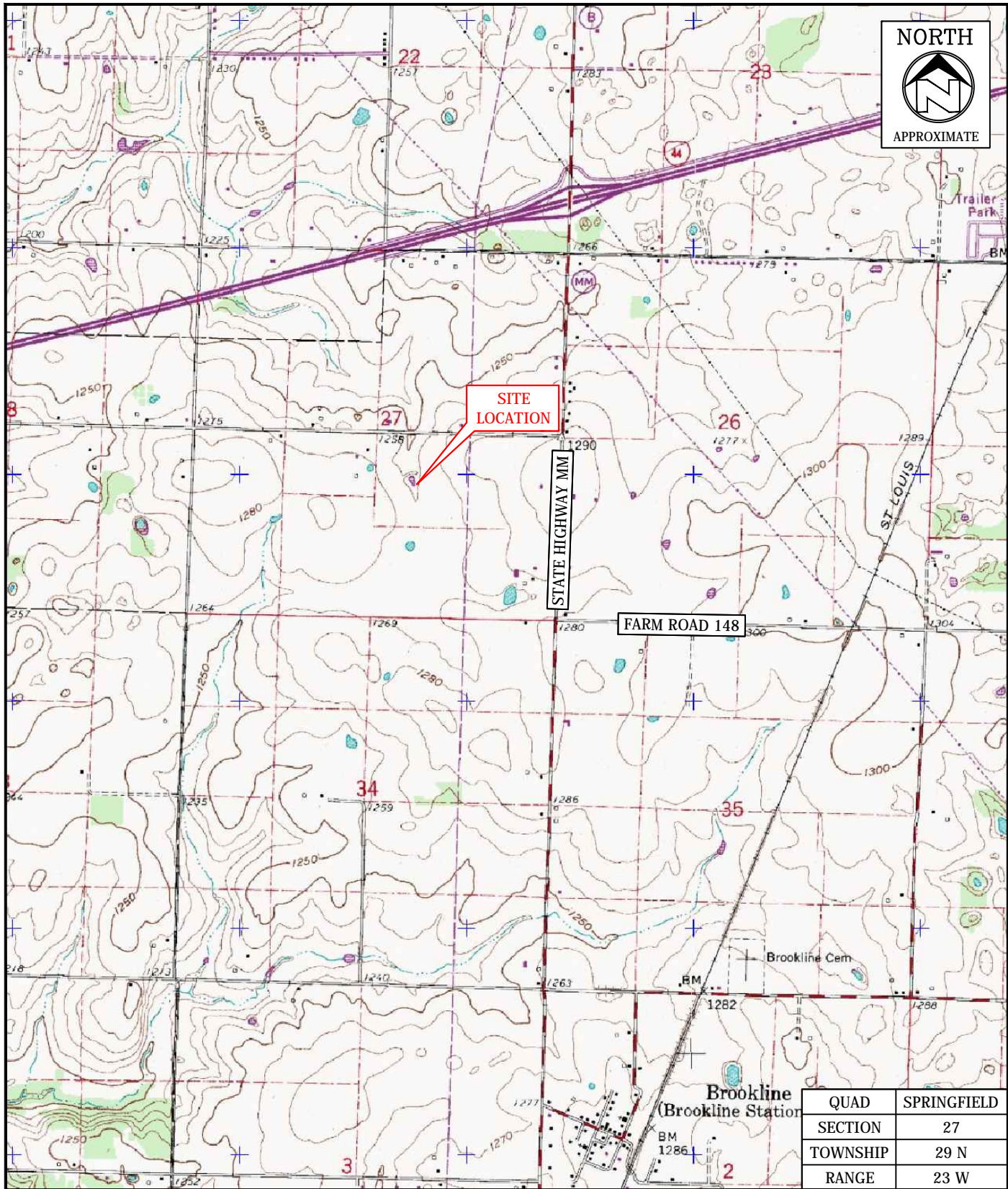


Springfield Office Location:
1455 E. Chestnut Expressway
Springfield, MO 65802
Phone: (417) 890-9500

SITE DIAGRAM

99.3-ACRES OF VACANT LAND
7136 WEST FARM ROAD 144
REPUBLIC, GREENE COUNTY, MISSOURI

FIGURE
2.0

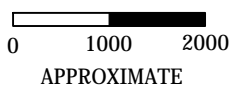


SOURCE: www.mapcard.com (1980)

CHECKED BY:
L. WESTFALL

EWI# 150550
DRAWN BY: ARK
Jul. 20, 2015

SCALE (FEET)



ENVIRONMENTAL WORKS
1455 E. Chestnut Expressway, Springfield, MO 65802

AREA TOPOGRAPHIC MAP

99.3-ACRES OF VACANT LAND
7136 WEST FARM ROAD 144
REPUBLIC, GREENE COUNTY, MISSOURI

FIGURE
3.0

APPENDIX A

Scope of Work

**ENVIRONMENTAL WORKS, INC.
SCOPE OF WORK FOR PHASE I ENVIRONMENTAL ASSESSMENT (ASTM E 1527-13)**

I. USER RESPONSIBILITIES

The user(s)/client(s) will be responsible for providing the following information:

- Title records for information regarding past ownership, a legal description for the Site, environmental liens, land use limitations, site diagram, site contact information, completed client checklist, any environmentally related valuation reductions for the property, and reason for performing the Phase I ESA.

II. SITE RECONNAISSANCE

The site reconnaissance will include a visual survey of the accessible areas of the Site. The client will arrange for permission to enter and view the Site. The following activities are included:

- Attempt to interview persons familiar with the historical and current uses of the Site, including the current and/or previous owner, occupants, and potentially past and present employees and/or neighbors.
- Review of design drawings, as-built drawings, and site surveys, if available, for septic systems, storage tanks (underground and aboveground), storm drains, and sewer drains.
- Visual observations on the Site for evidence of historical and present use that may contribute to environmental risk. Observe conditions that suggest a past or potential release of hazardous substances and any chemical use, storage, treatment, or disposal practices which may have impacted the environment. Identify stressed vegetation, stained soils, surface impoundments, maintenance area, storage tanks, and other materials storage areas.
- Visual identification of equipment and structures that are commonly known to contain polychlorinated biphenyls (PCB's) including electrical and hydraulic equipment.
- Observation and description of current land uses on adjoining properties to assess potential environmental impacts to the Site.
- Observe adjacent properties for any items or actions which may adversely affect the Site.
- Photographs documenting the site reconnaissance will be included.

III. HISTORICAL RESEARCH

This task is intended to identify past ownership and land use that may be relevant in identifying potential environmental risks associated with the Site. The following may be included:

- Review of available aerial photographs that reflect prior uses of the Site and surroundings.
- Review of as many of the following sources as is necessary, available, and/or reasonably ascertainable: Sanborn Fire Insurance Maps, city directories, property tax files, USGS 7.5 minute Topographic Maps, building department records, zoning/land use records, recorded land title records or other historical resources for evidence of previous land use.
- Review of facility operational records to identify materials used, stored, and disposed during operations for the Site and at times the adjoining properties.

IV. AGENCY RECORDS REVIEW

Review of available pertinent federal, state and local government agency records which include, but are not limited to, these agencies:

- Federal lists for the NPL, CERCLIS, RCRA CORRACTS, RCRA TSD, RCRA generators, UST, LUST, SPL, and ERNS (and their state equivalents)
- Missouri Department of Natural Resources (including Hazardous Waste and UST Offices) or their equivalents for other states
- Weights and Measures for aboveground storage tanks (for Missouri facilities) and its equivalent for other states
- Local Public Works, as applicable
- Local Fire Department
- Local Health Department (city and/or county offices), as applicable
- Local Utilities
- Other applicable agencies

Items researched for the subject property will include:

- Storage tank registrations
- Hazardous waste generators
- Locations of abandoned and existing solid and hazardous waste landfills/dumps
- Pending or past enforcement actions against the Site
- Spills that have occurred on or near the Site
- Permits issued to the Site regarding environmental activities
- Wastewater discharge activities
- Water well locations/status

V. FINAL REPORT

A formal report will be prepared to address the following items:

- An executive summary, opinions, findings, conclusions, and recommendations of the study and applicable results.
- Complete description of activities conducted.
- A summary of information gathered from the site reconnaissance, historical research, and agency records review including past and present owners/operators/occupants; interview findings, and record findings.
- A summary of potential environmental risks discovered during the assessment. These may include recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), vapor encroachment conditions (VECs), and business environmental risks.

Phase I report content shall remain consistent with the ASTM E 1527-13 requirements. The Phase I report content will be updated in compliance with the latest standard of ASTM E 1527 as new versions are released and as applies to information dissemination.

One hard copy and one compact disk (CD) of the report will be submitted to the client unless other arrangements are made prior to the project deadline. Standard report delivery is through US Mail; additional fees may apply for alternate delivery means. Additional hard copies of the report will be available to the client for a fee of \$35 per copy.

APPENDIX B

User-Provided Information

Client Checklist

ASTM E 1527-13 defines a *user* as a person seeking an environmental site assessment (ESA) of the subject property. A user may include, without limitation, a potential purchaser of the subject property, a potential tenant of the subject property, an owner of the subject property, a lender, or a Site manager.

The user has specific obligations for having an ESA completed as set forth in ASTM E 1527-13, Section 6. In accordance with that Section, this form requests information the client/user must provide to the environmental professional/consultant.

1. Please provide information regarding the reason the Phase I ESA will be performed (may include due diligence, innocent landowner defense, business environmental risk, etc.).

DUE DILIGENCE

2. Please describe the current use(s) of the subject property.

FARMING

3. Please describe the type of property transaction involved (refinance, purchase, sale, exchange, etc.).

MARKETING

4. Please provide the complete and correct address of the subject property. If an address is not available for the subject property, please provide a map or other documentation showing the location and boundaries of the Site. A legal description of the property is also required.

SEE PREVIOUS Phase I dated 2006

5. Please provide information regarding any environmental cleanup liens on the subject property. If there are none, please state so.

NONE

6. Please provide information regarding any activity and/or land use limitations (such as engineering or institutional controls) in place at the subject property. If there are none, please state so.

NONE

7. Has the value of the subject property reduced below the price of comparable properties? If yes, please provide information regarding this reduction. Is the reason due to an environmental condition of the subject property? If so, please disclose any environmental information you have regarding the Site. This information may be important to the Environmental Professional/Consultant.

NONE

8. Please review the attached Scope of Work for the Phase I ESA, should any additions or deletions be required to meet your needs, provide the necessary information and the amendment(s) can be made. This Scope of Work, including any additions or deletions you require, will be included in the Phase I ESA report.

9. Please identify all parties who will rely on/use the Phase I ESA and their (past, current, and future) relationship with the subject property. Please provide proper names and complete company names, etc.

PROSPECTIVE BUYERS / LESSEES

10. Please provide information regarding Site contact, owner information, and how each party can be reached.

Mitch Drury 417-823-7200
Mitch & Drury PROPERTIES.COM

11. Please provide any special terms and conditions you require for the Phase I ESA. These terms and conditions must be agreed upon by the environmental professional/consultant and the client, prior to project initiation.

NONE

12. Please provide any and all knowledge or experience you have regarding the subject property. This may include past uses of the property, previous Environmental Assessments, documents, correspondence, and chemicals currently or previously present at the site, and chemical spills or cleanups that have taken place at the subject property or its neighbors, or any other information regarding the Site and/or its environmental condition.

NONE TO OUR KNOWLEDGE

13. As the Phase I ESA User, based on your knowledge and experience related to the subject property, are there any obvious indicators that point to the presence or likely presence of contamination on the Site?

No

14. EWI will provide one hard copy and one compact disc (CD) of the final report to the client. All additional copies will be charged \$35.00 each. Please advise us of how many copies of the reports you need and what format you prefer.

Unless otherwise advised, EWI will include recommendations in the body of the text.

Respondent(s)

Name with Title: Mitch Drury, Vice President

Organization: Drury Properties, Inc

Address: 863 N. State Hwy 125, Springfield, MO 65802

Telephone: 417-823-7200

Signature: Mitch Drury Date: 7-12-15

Please return to: Environmental Works, Inc., jsnow@environmentalworks.com

APPENDIX C

EDR Radius Map Report™ with GeoCheck®

99.3-Acres of Vacant Land

7136 West Farm Road 144

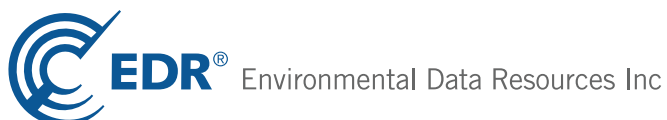
Republic, MO 65738

Inquiry Number: 04352084.2r

July 13, 2015

The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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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 the environmental records was conducted by Environmental Data Resources, Inc. (EDR). ENVIRONMENTAL WORKS INC. used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by ENVIRONMENTAL WORKS INC.. 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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

7136 WEST FARM ROAD 144
REPUBLIC, MO 65738

COORDINATES

Latitude (North):	37.1882000 - 37° 11' 17.52"
Longitude (West):	93.4331000 - 93° 25' 59.16"
Universal Transverse Mercator: Zone 15	
UTM X (Meters):	461558.6
UTM Y (Meters):	4115634.5
Elevation:	1275 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37093-B4 BROOKLINE, MO
Version Date:	1975

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120606
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
7136 WEST FARM ROAD 144
REPUBLIC, MO 65802

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BLUELINE	7096 W CARNAHAN ST	AST	Higher	994, 0.188, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

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

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Facility List

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tanks
LAST..... Leaking Aboveground Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Petroleum Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Sites with Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Site Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Solid Waste Facility Database List
SWRCY..... Solid Waste Recycling Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
DEL SHWS..... Registry Sites Withdrawn or Deleted
CDL..... Environmental Emergency Response System
US HIST CDL..... National Clandestine Laboratory Register

EXECUTIVE SUMMARY

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Environmental Response Tracking Database

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
UIC..... Underground Injection Wells Database
DRYCLEANERS..... Drycleaners in Missouri Listing
MO RRC..... Certified Hazardous Waste Resource Recovery Facilities
NPDES..... Permitted Facility Listing
AIRS..... Permit Facility Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
SMARS..... Site Management and Reporting System
MINES..... Industrial Mineral Mines Database
COAL ASH..... Coal Ash Disposal Sites
Financial Assurance..... Financial Assurance Information Listing
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
EPA WATCH LIST..... EPA WATCH LIST
US FIN ASSUR..... Financial Assurance Information
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH DOE..... Steam-Electric Plant Operation Data
2020 COR ACTION..... 2020 Corrective Action Program List
PRP..... Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

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.

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

AST: Aboveground Petroleum Storage.

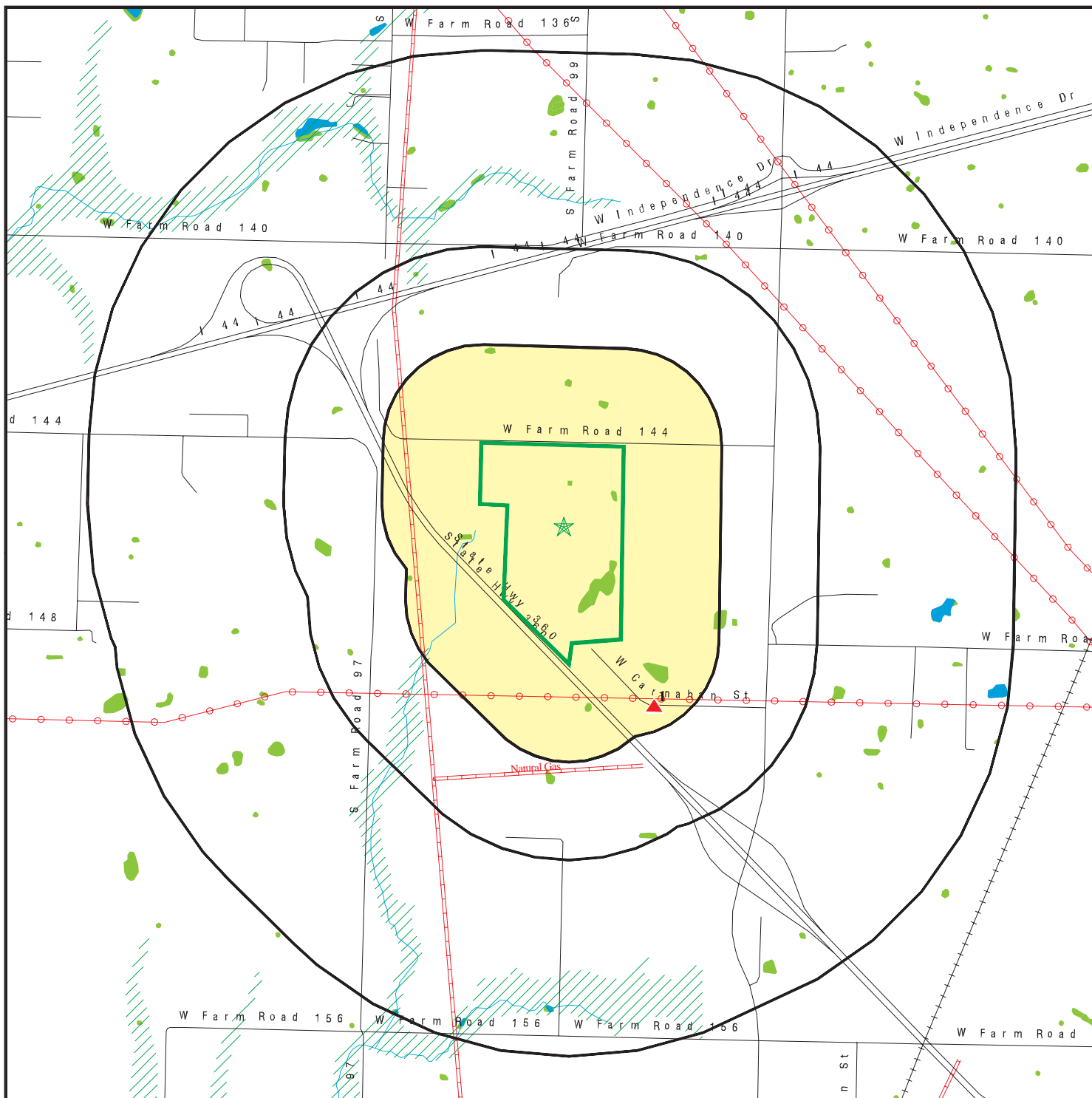
An online review and analysis by ENVIRONMENTAL WORKS INC. of the AST list, as provided by EDR, and dated 06/05/2015 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.













<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BLUELINE Facility Id: 8418	7096 W CARNAHAN ST	SSE 1/8 - 1/4 (0.188 mi.)	1	8

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 04352084.2R



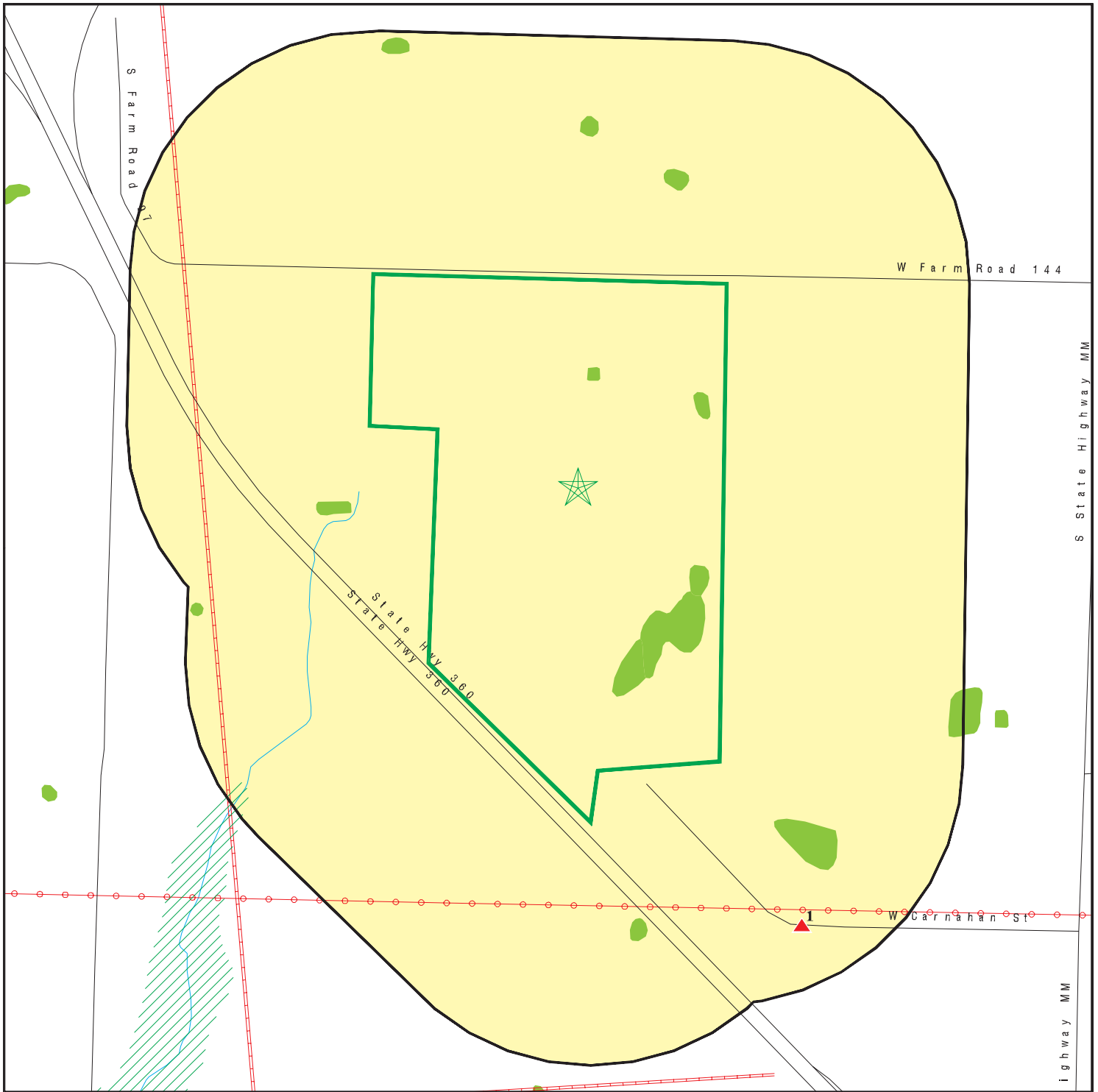
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory














This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 99.3-Acres of Vacant Land
 ADDRESS: 7136 West Farm Road 144
 Republic MO 65738
 LAT/LONG: 37.1882 / 93.4331

CLIENT: Environmental Works Inc.
 CONTACT: Laura Westfall
 INQUIRY #: 04352084.2r
 DATE: July 13, 2015 3:38 pm

DETAIL MAP - 04352084.2R



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory

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CLIENT: Environmental Works Inc.
 CONTACT: Laura Westfall
 INQUIRY #: 04352084.2r
 DATE: July 13, 2015 3:38 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AUL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MO RRC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
SMARS	0.500		0	0	0	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
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EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	1.000		0	0	0	0	NR	0
RGA LF	0.500		0	0	0	NR	NR	0
RGA LUST	0.500		0	0	0	NR	NR	0

- Totals --		0	0	1	0	0	0	1
-------------	--	---	---	---	---	---	---	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1
SSE
1/8-1/4
0.188 mi.
994 ft.

BLUELINE
7096 W CARNAHAN ST
SPRINGFIELD, MO 65802

AST A100342086
N/A

Relative:
Higher

AST:
 Facility ID: 8418
 Facility Telephone Number: 417-831-9111
 Total # of dispensers: 6
 Total # of cabinets: 1
 Total number of meters: 6
 AST Count: 0
 UST Count: 3
 Product Count: Not reported
 DOR Tax Number: 19640854
 Prof Cat: Not reported
 Latitude: 37.11023
 Longitude: -93.25559

Actual:
1275 ft.

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
NO SITES FOUND					

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.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

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 compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA 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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste 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 (CERCLA). 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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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 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.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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 less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 03/16/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2015	Telephone: 703-603-0695
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/01/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/14/2015
	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: 03/16/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2015	Telephone: 703-603-0695
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/01/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

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: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 05/18/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Varies

Federal ERNS list

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: 03/30/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 03/31/2015	Telephone: 202-267-2180
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

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: 06/12/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2015	Telephone: 573-751-1990
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/15/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and included 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: 06/30/2014	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/10/2015	Telephone: 573-751-3176
Date Made Active in Reports: 03/19/2015	Last EDR Contact: 06/05/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/02/5007
	Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

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 meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/02/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/26/2015	Telephone: 573-751-5401
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 05/18/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 06/09/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2015	Telephone: 573-751-0135
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/19/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 06/09/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2015	Telephone: 573-751-6822
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/19/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

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: 02/03/2015	Source: EPA Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/03/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2015	Source: EPA, Region 5
Date Data Arrived at EDR: 05/29/2015	Telephone: 312-886-7439
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

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

Date of Government Version: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-8677
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 02/03/2015	Source: EPA Region 10
Date Data Arrived at EDR: 02/12/2015	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/10/2015
	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: 01/08/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2015	Telephone: 415-972-3372
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 01/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

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: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6271
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Quarterly

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

Date of Government Version: 03/30/2015	Source: EPA Region 7
Date Data Arrived at EDR: 04/28/2015	Telephone: 913-551-7003
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/10/2015
	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: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-6597
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/09/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2015	Telephone: 573-751-0135
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/19/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tanks Registered Aboveground Storage Tanks.

Date of Government Version: 06/05/2015	Source: Department of Agriculture
Date Data Arrived at EDR: 06/16/2015	Telephone: 573-751-7062
Date Made Active in Reports: 06/30/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-7591
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6137
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 02/13/2015	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/30/2015	Source: EPA Region 5
Date Data Arrived at EDR: 05/26/2015	Telephone: 312-886-6136
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/03/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/28/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/06/2015	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2015	Telephone: 206-553-2857
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/10/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Controls

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

Date of Government Version: 03/12/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/02/2015	Telephone: 573-751-3176
Date Made Active in Reports: 04/08/2015	Last EDR Contact: 05/22/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 06/26/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Sites Participating in the Voluntary Cleanup Program

Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 03/12/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/02/2015	Telephone: 573-526-8913
Date Made Active in Reports: 04/08/2015	Last EDR Contact: 05/22/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

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 large number of these sites, their economic impact especially in heavily industrial areas is substantial.

Date of Government Version: 03/12/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/02/2015	Telephone: 573-526-8913
Date Made Active in Reports: 04/08/2015	Last EDR Contact: 05/22/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/24/2015	Telephone: 202-566-2777
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/24/2015
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/23/2015
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: No Update Planned

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 08/16/2014	Source: Department of Natural Resources
Date Data Arrived at EDR: 08/19/2014	Telephone: 573-526-3944
Date Made Active in Reports: 09/08/2014	Last EDR Contact: 06/01/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

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	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/19/2006	Telephone: 573-751-5401
Date Made Active in Reports: 08/18/2006	Last EDR Contact: 01/12/2009
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/01/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Quarterly

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: 06/12/2015
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/01/2015
Number of Days to Update: 12

Source: Department of Natural Resources
Telephone: 573-522-3710
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

CDL: Environmental Emergency Response System

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

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/01/2015
Number of Days to Update: 14

Source: Department of Natural Resources
Telephone: 573-751-3443
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Local Land Records

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 monies. These monies 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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: Environmental Response Tracking Database

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

Date of Government Version: 06/15/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/17/2015	Telephone: 573-526-3349
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2015	Telephone: 913-551-7003
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/05/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/17/2015
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/14/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/27/2015
	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: 06/06/2014	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/10/2014	Telephone: 202-528-4285
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 07/08/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

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 litigation matters.

Date of Government Version: 12/31/2014	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/17/2015	Telephone: Varies
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) 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 tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/26/2015
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Varies

US 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: 12/30/2014	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/31/2014	Telephone: 303-231-5959
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/03/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Semi-Annually

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: 12/31/2013	Source: EPA
Date Data Arrived at EDR: 02/12/2015	Telephone: 202-566-0250
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 01/29/2015
Number of Days to Update: 110	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/25/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/05/2015
	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: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA 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 (Toxic 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, it 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.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA 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 (Toxic 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, it 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.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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 pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/10/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 04/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/27/2015
	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: 03/31/2015	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/09/2015	Telephone: 301-415-7169
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

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: 04/07/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2015	Telephone: 202-343-9775
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

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), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015	Source: EPA
Date Data Arrived at EDR: 02/27/2015	Telephone: (913) 551-7003
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/21/2015
	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.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

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, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 05/29/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 02/27/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 05/29/2015	Telephone: 573-368-2183
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 05/22/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Varies

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: 06/12/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/16/2015	Telephone: 573-526-8913
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/11/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/28/2015
	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.

Date of Government Version: 05/11/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/16/2015	Telephone: 573-751-3176
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/11/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually

NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Pollution Branch.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 05/12/2015
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: 573-751-7023
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

AIRS: Permit Facility Listing

A listing of Air Pollution Control Program permits.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/01/2015
Number of Days to Update: 13

Source: Department of Natural Resources
Telephone: 573-751-4817
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

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: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/07/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

SMARS: Site Management and Reporting System

SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

Date of Government Version: 03/12/2015
Date Data Arrived at EDR: 05/06/2015
Date Made Active in Reports: 05/12/2015
Number of Days to Update: 6

Source: Department of Natural Resources
Telephone: 573-751-3043
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/22/2015
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

MINES: Industrial Mineral Mines Database

This data set contains names, locations and additional data for active Industrial Mineral Mines permitted with the Missouri Department of Natural Resources, Division of Environmental Quality, Land Reclamation Program. Industrial Mineral Mines permitted are rock quarries, clay pits, sand and gravel pits, or in-stream sand and gravel operations.

Date of Government Version: 09/12/2014
Date Data Arrived at EDR: 10/23/2014
Date Made Active in Reports: 12/01/2014
Number of Days to Update: 39

Source: Department of Natural Resources
Telephone: 573-751-4041
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 06/08/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/10/2015	Telephone: 573-751-5401
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/07/2015
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/01/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of power plants with coal ash ponds.

Date of Government Version: 01/05/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/06/2015	Telephone: 573-526-1825
Date Made Active in Reports: 01/26/2015	Last EDR Contact: 07/06/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 06/04/2015	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/09/2015	Telephone: 573-751-3553
Date Made Active in Reports: 07/01/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/15/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-566-1917
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 05/14/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/14/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: N/A

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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 whale 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

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: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 05/18/2015
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: No Update Planned

NY MANIFEST: 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: 05/01/2015	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/06/2015	Telephone: 518-402-8651
Date Made Active in Reports: 05/20/2015	Last EDR Contact: 05/06/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/21/2014	Telephone: 717-783-8990
Date Made Active in Reports: 08/25/2014	Last EDR Contact: 04/16/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/03/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation
Telephone: 281-546-1505

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: 800-823-6277

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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.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid 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 comparable across all states.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

99.3-ACRES OF VACANT LAND
7136 WEST FARM ROAD 144
REPUBLIC, MO 65738

TARGET PROPERTY COORDINATES

Latitude (North):	37.1882 - 37° 11' 17.52"
Longitude (West):	93.4331 - 93° 25' 59.16"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	461558.6
UTM Y (Meters):	4115634.5
Elevation:	1275 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37093-B4 BROOKLINE, MO
Version Date:	1975

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

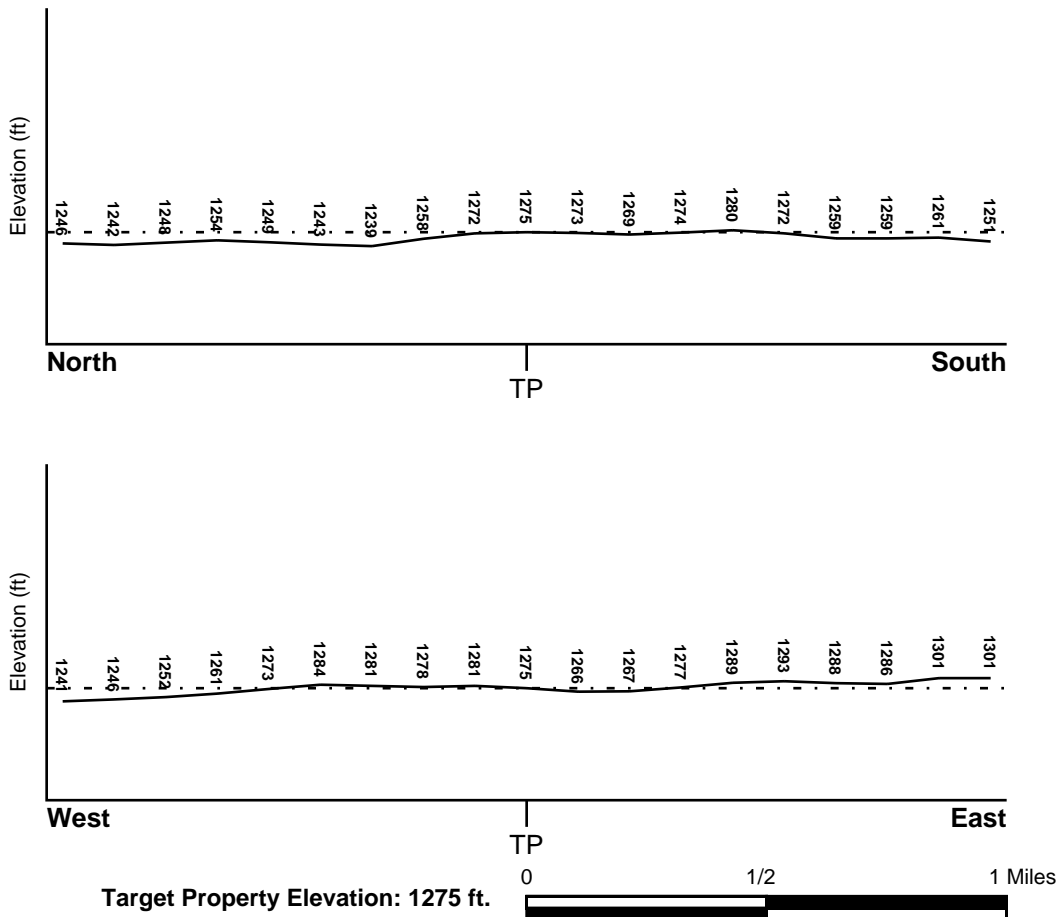
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> GREENE, MO	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	29077C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> BROOKLINE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

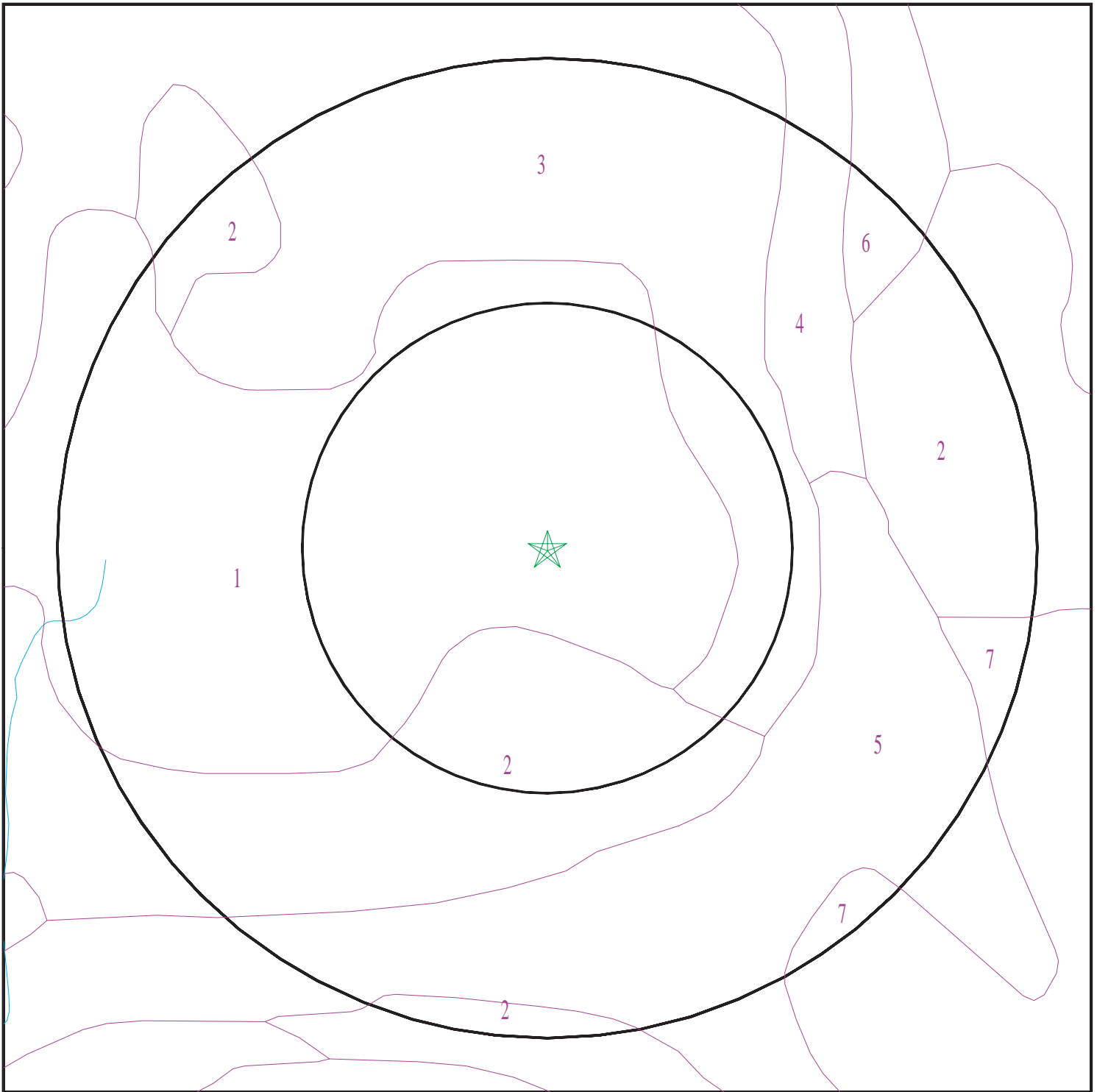
Era: Paleozoic
System: Mississippian
Series: Osagean and Kinderhookian Series
Code: M1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 04352084.2r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 99.3-Acres of Vacant Land
ADDRESS: 7136 West Farm Road 144
Republic MO 65738
LAT/LONG: 37.1882 / 93.4331

CLIENT: Environmental Works Inc.
CONTACT: Laura Westfall
INQUIRY #: 04352084.2r
DATE: July 13, 2015 3:39 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Crelton

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 4.5
2	9 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	14 inches	24 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 5 Min: 3.6
4	24 inches	35 inches	very gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	35 inches	46 inches	very gravelly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 6 Min: 3.6
6	46 inches	66 inches	gravelly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 6 Min: 3.6

Soil Map ID: 2

Soil Component Name: Pembroke

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	46 inches	72 inches	very gravelly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 3

Soil Component Name: Keeno

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 7.3 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	11 inches	27 inches	very gravelly silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 14	Max: 5.5 Min: 3.6
3	27 inches	38 inches	extremely gravelly silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.4 Min: 0.42	Max: 5.5 Min: 3.6
4	38 inches	59 inches	extremely gravelly clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Cedargap

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	20 inches	40 inches	extremely gravelly silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	40 inches	72 inches	extremely gravelly silty clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6

Soil Map ID: 5

Soil Component Name: Hepler

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	7 inches	29 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	29 inches	48 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 6.5 Min: 4.5
4	48 inches	64 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 6.5 Min: 4.5

Soil Map ID: 6

Soil Component Name: Eldon

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	9 inches	18 inches	very gravelly silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 4.5
3	18 inches	24 inches	extremely gravelly silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5
4	24 inches	31 inches	very gravelly silty clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6.5 Min: 5.1
5	31 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 14 Min: 4	Max: 6.5 Min: 5.1

Soil Map ID: 7

Soil Component Name: Newtonia

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	9 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
3	20 inches	27 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 5.1
4	27 inches	53 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6 Min: 5.1
5	53 inches	72 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000688334	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

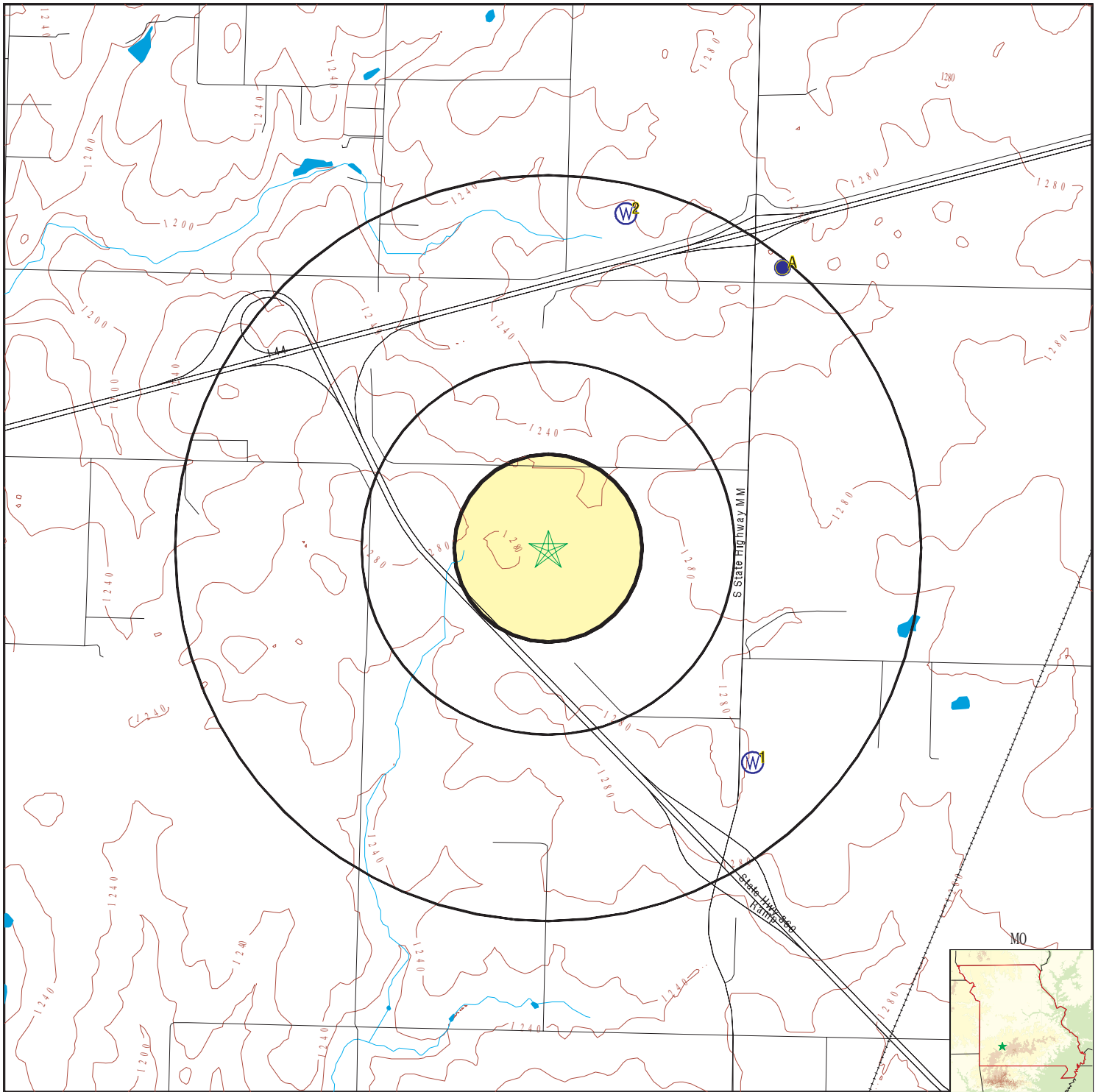
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

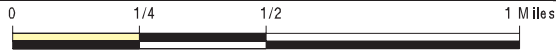
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MO6000000002006	1/2 - 1 Mile SE
2	MO6000000002064	1/2 - 1 Mile NNE
A4	MOLOG1000004749	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 04352084.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



SITE NAME: 99.3-Acres of Vacant Land
 ADDRESS: 7136 West Farm Road 144
 Republic MO 65738
 LAT/LONG: 37.1882 / 93.4331

CLIENT: Environmental Works Inc.
 CONTACT: Laura Westfall
 INQUIRY #: 04352084.2r
 DATE: July 13, 2015 3:39 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SE
1/2 - 1 Mile
Higher

MO WELLS MO6000000002006

Objectid:	3236	Uniqueid:	103234
Logid:	Not Reported	Wwimsid:	Not Reported
Pwssname:	Brookline Baptist Church	Pwssid:	5270364
Pwssidext:	5270364101	Ipws:	MO5270364
Ipwsxt:	MO5270364101	Wellnum:	1
Localname:	Not Reported	Wellid:	12876
Factype:	Church	Fed type:	NC
Status:	Inactive		
Ddlat:	37.17986		
Ddlong:	-93.42316		
Mapname:	Brookline	Fips:	29077
County:	Greene	Mdnrreg:	Southwest
Mdnrnum:	5	Drilldate:	1974
Aban:	0	Plug:	0
Material:	Consolidated		
Form cd:	Osagean		
Form td:	Jefferson City		
Totdepth:	490	Grndelev:	0
Topseal:	Not Reported	Botseal:	Not Reported
Casedepth:	230	Casesize:	6
Casetype:	Not Reported		
Topcaseelv:	0		
Caseheight:	0	Outcasedep:	0
Outcasesiz:	0	Scrnlengh:	-9999
Scrnsiz:	-9999	Staticleve:	125
Yield:	0	Head:	0
Drawdown:	0	Pumptestda:	0
Pumptype:	Submersible	Pumpmanuf:	Not Reported
Pumpdepth:	0	Pumpcapaci:	30
Meter:	Not Reported	Stdbypr:	Not Reported
Voc:	N	Nitrate:	N
Chlor:	Not Reported	Filter:	Not Reported
Gwudisw:	N	Stappr:	N
Surfdrain:	Not Reported	Entry:	Not Reported
Method:	GPS, Garmin 12 XL	Accuracy:	69
Locstatus:	Not Verified	Verloc:	N
Lastupdate:	2008/09/22	Tweyrswa:	0
Welldist:	0	Site id:	MO6000000002006

2
NNE
1/2 - 1 Mile
Lower

MO WELLS MO6000000002064

Objectid:	5362	Uniqueid:	105395
Logid:	Not Reported	Wwimsid:	Not Reported
Pwssname:	Dalmas Feed Bunk Cafe	Pwssid:	5282587
Pwssidext:	5282587101	Ipws:	MO5282587
Ipwsxt:	MO5282587101	Wellnum:	1
Localname:	Well #1	Wellid:	16742
Factype:	Restaurant	Fed type:	NC
Status:	Active		
Ddlat:	37.201211		
Ddlong:	-93.429315		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Mapname:	Brookline	Fips:	29077
County:	Greene	Mdnrreg:	Southwest
Mdnrnum:	5	Drilldate:	0
Aban:	0	Plug:	0
Material:	Consolidated		
Form cd:	Not Reported		
Form td:	Not Reported		
Totdepth:	0	Grndelev:	0
Topseal:	Not Reported	Botseal:	Not Reported
Casedepth:	0	Casesize:	0
Casetype:	Not Reported		
Topcaseelv:	0		
Caseheight:	0	Outcasedep:	0
Outcasesiz:	0	Scrnlengh:	-9999
Scrnsiz:	-9999	Staticleve:	0
Yield:	0	Head:	0
Drawdown:	0	Pumptestda:	0
Pumptype:	Not Reported	Pumpmanuf:	Not Reported
Pumpdepth:	0	Pumpcapaci:	0
Meter:	Not Reported	Stdbypr:	Not Reported
Voc:	Not Reported	Nitrate:	Not Reported
Chlor:	Not Reported	Filter:	Not Reported
Gwudisw:	Not Reported	Stappr:	Not Reported
Surfdrain:	Not Reported	Entry:	Not Reported
Method:	GPS	Accuracy:	18
Locstatus:	Verified	Verloc:	N
Lastupdate:	2005/05/23	Tweyrswa:	200
Welldist:	0	Site id:	MO6000000002064

**A3
NE
1/2 - 1 Mile
Lower**

FED USGS USGS40000688334

Org. Identifier:	USGS-MO		
Formal name:	USGS Missouri Water Science Center		
Monloc Identifier:	USGS-371157093251900		
Monloc name:	T29N R23W 23CCC1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	10290106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.1992166
Longitude:	-93.4221369	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	1272
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Ozark Plateaus aquifer system		
Formation type:	Cotter Dolomite		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	640
Construction date:	19690201	Wellholedepth:	640
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1969-02-01	235	

**A4
NE
1/2 - 1 Mile
Lower**

MO WELLS MOLOG100004749

Id: 026075 Notenough: Not Reported Locator: VBProgram Stabbrev: MO Utm x: 462613 Utm y: 4116829 Latitude: 37.19901 Longitude: -93.42128 Qtr3: SW Qtr1: SW Section: 23 Tnsp: 29 Tnspdir: Not Reported Rng: 23 Rngdir: W Plssx: 463313 Plssy: 4117549 Location p: 145 Elev: 1272 Idnum: 26075 Swl: 0 Quadrangle: BROOKLINE	Located: Not Reported Scale: 100k Sname: MISSOURI County: GREENE Qtr2: SW Site id: MOLOG100004749
---	--

Header Information:

Id: 026075 Agencyname: GEOLOGICAL SURVEY (DGLS) Fips: 077 Stabbrev: MO Qtr2: SW Section: 23 Tnspdir: N Rngdir: W Latitude: 37.19901 Longitude: -93.42128 Utm x: 462613 Utm y: 4116829 Quadmap na: BROOKLINE Llmeas: D Locator: VBProgram Typelog2: S Ownerind: 1 Leasenam: Not Reported Drldate: 1969/02/01 Logdate: 1969/03/00	Well type: Noncommunity Public Well County: GREENE Sname: MISSOURI Qtr3: SW Qtr1: SW Tnsp: 29 Rng: 23 Ohio code: 37093B4 Scale: 100k Typelog1: Not Reported Typelog3: Not Reported Owner: Standard Oil Station Driller: Shelton, Ward Permit: Not Reported Logger: Groves, H.M.
--	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Elev:	1272	Prodyld:	Not Reported
Elevbase:	S		
Gpmcfs:	Not Reported		
Depthbed:	40		
Sampsav:	0	Swla:	235
Swlb:	75		
Water at:	Not Reported		
Totdepth:	640	Formation :	BURLINGTON LIMESTONE
Formation1:	JEFFERSON CITY DOLOMITE		
Intcrdtp:	0		
Intcrdbt:	0		
Drawdown:	Not Reported	Aquclass:	Not Reported
Confind:	0	Reldate:	Not Reported
Probind1:	Not Reported	Probind2:	Not Reported
Probind3:	Not Reported	Additional:	Not Reported
Alagency1:	Not Reported	Add databa:	Not Reported
Addition 1:	Not Reported	Add data 1:	Not Reported
Alnum2:	Not Reported	Add data 2:	Not Reported
Add data 3:	Not Reported	Rmkind:	Y
C total:	416	C plugind:	N
C remarks:	Not Reported		
 Construction Information:			
Id:	026075	Well type:	Private Well
Agencyname:	GEOLOGICAL SURVEY (DGLS)	Datecomp:	196902
Plugind:	N	Dateplug:	Not Reported
Casemat1:	Not Reported	Casemat2:	Not Reported
Cas1dpth:	41		
Cas1diam:	10		
Cas2dpth:	375		
Cas2diam:	6		
Cas3dpth:	0		
Cas3diam:	0		
Cas4dpth:	0		
Cas4diam:	0		
Inout1:	I	Typgrt1:	G
Typgrt2:	Not Reported	Typgrt3:	Not Reported
Mthgrout:	Not Reported	Rigtype:	Not Reported
Weltreat:	P	Rmkind:	Not Reported
Dateabnd:	Not Reported		
Plgdpt1b:	0		
Plgdpt1t:	0		
Multcase:	Y		
Szcashol:	0		
Szbelcas:	0		
Sizscrn:	0		
Slotsize:	0		
Lenscrn:	0		
Typescrn:	Not Reported	Typedev:	Not Reported
Typepump:	Not Reported		
Pumpcap:	0		
Pumptdh:	0		
Pumpset:	0		
Typecomp:	Not Reported		
Perfintt:	0		
Perfintb:	0		
Oilprod:	Not Reported	Gasprod:	Not Reported
Tubeptes:	Not Reported	Remarks:	Not Reported
Other data:	Not Reported	Formation :	COTTER DOLOMITE
Formation1:	JEFFERSON CITY DOLOMITE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Strata Information:

Id:	026075	Stratordr:	28400
Fmtp:	40		
Fmbot:	295		
Formation :	MISSISSIPPIAN SYSTEM		
Primlith:	Not Reported		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	31800
Fmtp:	40		
Fmbot:	275		
Formation :	OSAGEAN SERIES		
Primlith:	Not Reported		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	32300
Fmtp:	40		
Fmbot:	160		
Formation :	BURLINGTON LIMESTONE		
Primlith:	LIMESTONE		
Seclith:	DOLOMITE	Minlith:	CHERT
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	32300
Fmtp:	40		
Fmbot:	160		
Formation :	BURLINGTON LIMESTONE		
Primlith:	LIMESTONE		
Seclith:	DOLOMITE	Minlith:	CHERT
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minmin:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Minrocc: 0
Rmk20: Not Reported

Strata Information:

Id:	026075	Stratordr:	32600
Fmtp:	160		
Fmbot:	240		
Formation :	ELSEY-REEDS SPRING UNDIFF.		
Primlith:	CHERT		
Seclith:	DOLOMITE	Minlith:	LIMESTONE
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	33200
Fmtp:	240		
Fmbot:	275		
Formation :	PIERSON LIMESTONE		
Primlith:	DOLOMITE		
Seclith:	CHERT	Minlith:	Not Reported
Primmin:	FES2		
Primocc:	1		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	33700
Fmtp:	275		
Fmbot:	295		
Formation :	KINDERHOOKIAN SERIES		
Primlith:	Not Reported		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	34400
Fmtp:	275		
Fmbot:	290		
Formation :	NORTHVIEW FORMATION		
Primlith:	SHALE		
Seclith:	SILTSTONE	Minlith:	Not Reported
Primmin:	FES2		
Primocc:	3		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Minrocc: 0
Rmk20: Not Reported

Strata Information:

Id:	026075	Stratordr:	34800
Fmtp:	290		
Fmbot:	295		
Formation :	COMPTON LIMESTONE		
Primlith:	LIMESTONE		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	FES2		
Primocc:	1		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	39000
Fmtp:	295		
Fmbot:	640		
Formation :	ORDOVICIAN SYSTEM		
Primlith:	Not Reported		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	44800
Fmtp:	295		
Fmbot:	640		
Formation :	CANADIAN (IBEXIAN) SERIES		
Primlith:	Not Reported		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	45500
Fmtp:	295		
Fmbot:	460		
Formation :	COTTER DOLOMITE		
Primlith:	DOLOMITE		
Seclith:	SANDSTONE	Minlith:	CHERT
Primmin:	FES2		
Primocc:	24		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Minrocc: 0
Rmk20: Not Reported

Strata Information:

Id:	026075	Stratordr:	45600
Fmtp:	330		
Fmbot:	350		
Formation :	"SWAN CREEK SANDSTONE"		
Prmlith:	SANDSTONE		
Seclith:	DOLOMITE	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	45600
Fmtp:	330		
Fmbot:	350		
Formation :	"SWAN CREEK SANDSTONE"		
Prmlith:	SANDSTONE		
Seclith:	DOLOMITE	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	45800
Fmtp:	460		
Fmbot:	640		
Formation :	JEFFERSON CITY DOLOMITE		
Prmlith:	DOLOMITE		
Seclith:	CHERT	Minlith:	SANDSTONE
Primmin:	FES2		
Primocc:	6		
Secmin:	ZNS		
Secocc:	2		
Minrmin:	Not Reported		
Minrocc:	0		
Rmk20:	Not Reported		

Strata Information:

Id:	026075	Stratordr:	99900
Fmtp:	640		
Fmbot:	0		
Formation :	TOTAL DEPTH		
Prmlith:	Not Reported		
Seclith:	Not Reported	Minlith:	Not Reported
Primmin:	Not Reported		
Primocc:	0		
Secmin:	Not Reported		
Secocc:	0		
Minrmin:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Minrocc: 0
Rmk20: Not Reported

Remarks:			
Id:	026075	Feature:	WP
Agency:	GS	Fileid:	H
Remarks:	Not Reported		

Remarks:			
Id:	026075	Feature:	WP
Agency:	GS	Fileid:	C
Remarks:	41' OF 10" SURFACE CASING		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MO Radon

Radon Test Results

Zipcode	Test Date	Result
65802	01/12/08	4
65802	01/17/09	2.3
65802	01/25/08	7.8
65802	02/02/09	????
65802	02/04/08	4.7
65802	02/07/09	1.4
65802	04/19/07	????
65802	04/29/08	2.3
65802	02/23/08	2.5
65802	03/07/08	????
65802	03/09/09	0.7
65802	03/13/09	8.3
65802	05/29/07	1.7
65802	06/09/07	2.1
65802	06/09/07	2.4
65802	08/21/08	1
65802	09/03/08	????
65802	09/08/06	4.3
65802	06/26/08	5.8
65802	09/22/07	2
65802	11/19/07	5
65802	11/21/07	1.5
65802	11/27/07	3
65802	12/08/08	????
65802	12/12/07	2.9
65802	12/13/07	5.9
65802	12/19/07	5.1
65802	12/19/07	5.1

Federal EPA Radon Zone for GREENE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 65802

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	4.500 pCi/L	0%	100%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Missouri Public Drinking Water Wells

Source: Department of Natural Resources

Telephone: 573-526-5448

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Natural Resources

Telephone: 573-368-2143

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D

Historical Documentation



99.3-Acres of Vacant Land

7136 West Farm Road 144
Republic, MO 65738

Inquiry Number: 4352084.5
July 15, 2015

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography July 15, 2015

Target Property:

7136 West Farm Road 144

Republic, MO 65738

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1959	Aerial Photograph. Scale: 1"=500'	Flight Date: March 21, 1959	EDR
1970	Aerial Photograph. Scale: 1"=500'	Flight Date: September 24, 1970	EDR
1979	Aerial Photograph. Scale: 1"=500'	Flight Date: September 16, 1979	USGS
1984	Aerial Photograph. Scale: 1"=500'	Flight Date: April 06, 1984	USGS
1990	Aerial Photograph. Scale: 1"=750'	Flight Date: February 17, 1990	EDR
1997	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: March 20, 1997	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP

SITE
LOCATION



INQUIRY #: 4352084.5

YEAR: 1959

| = 500'



SITE
LOCATION

INQUIRY #: 4352084.5

YEAR: 1970

| = 500'



SITE
LOCATION

INQUIRY #: 4352084.5

YEAR: 1979

| = 500'



SITE
LOCATION

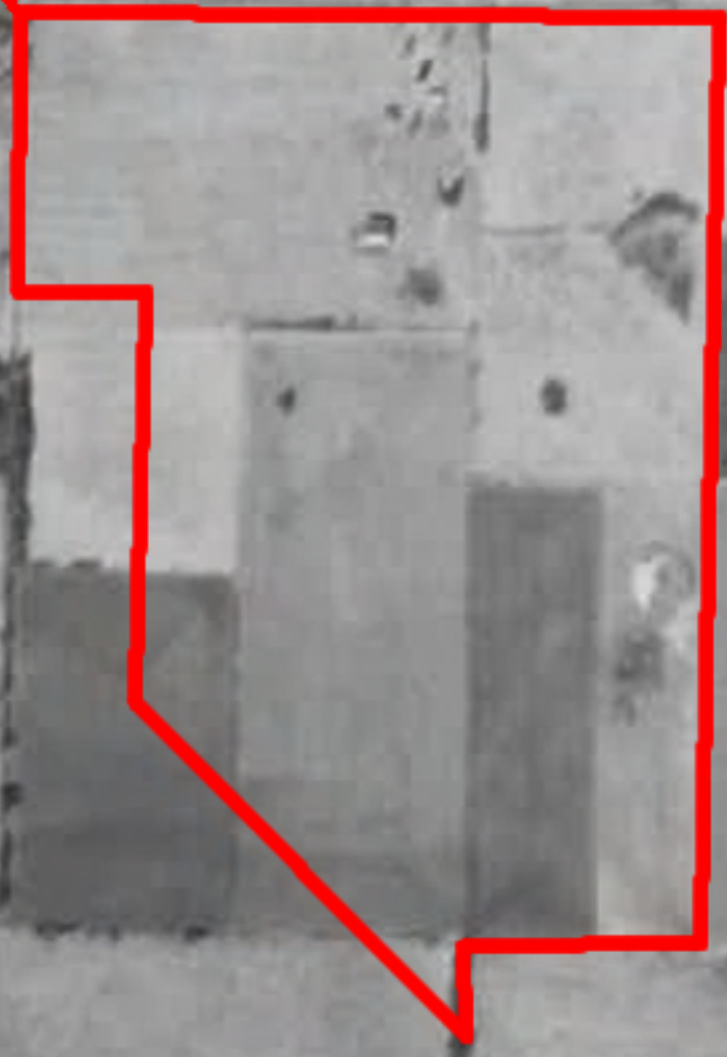
INQUIRY #: 4352084.5

YEAR: 1984

| = 500'



SITE
LOCATION



INQUIRY #: 4352084.5

YEAR: 1990

| = 750'



SITE
LOCATION



INQUIRY #: 4352084.5

YEAR: 1997

| = 500'

