

Phase I Environmental Site Assessment

E-50 Property
0 Little Drive
Morrisville, NC



Prepared For:

Wake County Board of Education
1429 Rock Quarry Road, Suite 116
Raleigh, NC 27610

Issue Date: September 30, 2015

F&R Project Number: 66T-0175





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**Phase I Environmental Site Assessment
E-50 Property
0 Little Drive
Morrisville, NC**

1.0 EXECUTIVE SUMMARY

Froehling & Robertson, Inc. (F&R) performed a Phase I Environmental Site Assessment (ESA) of the proposed E-50 Elementary School Site (the Property) located along the south side of little drive, approximately 1,300 feet west of the intersection with Davis Drive in Morrisville, NC. The following is a summary of our findings and is not intended to replace more detailed information contained elsewhere in this report.

The Property consists of an approximately 32 acre area that is situated on the southern portion of a 676 acre parent parcel. The Property currently consists of undeveloped wooded land. Structures or paved access roadways were not observed on the Property. The Property is an irregular-shaped area that primarily includes wooded land and is situated within a suburban residential and commercial land use area. The Property is bound to the north by Little Drive, beyond which is wooded land (parent parcel); to the south by Parkside Valley Drive, beyond which is residential land, including a pond, tennis courts, and a pool; to the east by residential and wooded land (parent parcel); and to the west by residential development.

Historically, the Property has consisted of mostly wooded land since at least 1938, and presumably earlier. A utility easement is depicted transecting the northern portion of the site since 1959 and a natural gas pipeline is depicted on the northern portion of the Property since at least 1998. Additionally, a sewer easement is depicted on the southern portion since at least 2002.

Based upon F&R's review of the federal, state and tribal environmental database report prepared by Environmental Data Resources, Inc. (EDR), neither the Property nor adjacent properties were identified in the databases searched by EDR. The EDR Radius Map Report mapped one HSDS facility, one NPL facility, one CERCLA CONSENT facility, and one ROD facility within the ASTM search distance. Based upon factors such as current regulatory status, relative topography, assumed direction of groundwater flow and/or distance, these listings do not represent a recognized environmental condition (REC) with respect to the Property.

F&R has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E 1527-13 of the Property. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has not revealed evidence of RECs with respect to the Property.

2.0 INTRODUCTION

2.1 Purpose

The purpose of our assessment will be to determine whether activities are occurring, or may have occurred on or near the site, that may be considered:

- Recognized environmental conditions - the presence or likely presence of any hazardous substance or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future



release to the environment. De minimis conditions are not recognized environmental conditions.

- Controlled recognized environmental conditions - a recognized environmental condition 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).
- Historical recognized environmental conditions - 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).
- De minimis conditions - 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. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

2.2 Detailed Scope of Services

F&R has performed a Phase I Environmental Site Assessment in general accordance with ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Any deletions and/or additional services which deviate from this standard are described within Section 9.0. This standard does not include investigation into all areas of local, state and federal environmental requirements. These requirements were not addressed within this report and F&R is not responsible for other legal obligations for non-compliance with regulations not addressed specifically herein.

2.3 Significant Assumptions

Our findings and opinions are based upon information provided to us by others and our site observations, and are subject to and limited by the terms and conditions of F&R's Agreement for Environmental Services. We have not verified the completeness or accuracy of the information provided by others, unless noted otherwise. Our observations were based upon conditions readily visible at the site at the time of our visit, and did not include services typically performed during an Environmental Compliance Audit or a Phase II Environmental Site Assessment. If additional information becomes available which may affect our conclusions and recommendations, we request the opportunity to review the information, and reserve the right to modify our report, as warranted.

2.4 Limitations and Exceptions

F&R, by virtue of providing the services described herein, does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies any



conditions at the site which may present a potential concern to public health, safety, or the environment. It is F&R's understanding that the client will notify appropriate regulatory agencies as required.

F&R has made appropriate inquiry and conducted a visual investigation in general accordance with the standard to determine the existence of underground storage tank usage (past and present) at the Property. F&R cannot entirely preclude the possibility that underground tanks, associated piping, and/or undetected releases may be present and/or may have existed at the site without a subsurface investigation, which is not a part of the scope of work for this project.

2.5 Special Terms and Conditions

Special terms and conditions in relation to this project have been addressed throughout various sections detailing the specifications for which the assessment has been completed.

2.6 User Reliance

This report has been prepared for the exclusive use of *The Wake County Board of Education* on this specific project. These services have been provided in accordance with generally accepted environmental practices. No other warranty, expressed, or implied, is made. The contents of this report should not be construed in any way to indicate F&R's recommendation to purchase, sell, or develop the Property.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Property is an approximately 32 acre area that is situated on the southern portion of a larger parent parcel and is located along the south side of little drive, approximately 1,300 feet west of the intersection with Davis Drive in Morrisville, NC. The parent parcel is a 676 acre parcel and the parcel number is 0736850004 according to the Wake County Real Estate Assessor's Office. In addition, according to the Wake County Zoning Office, the parent parcel is zoned RA - Research Applications District. Please see Appendix A for the Site Vicinity Map.

3.2 Site and Vicinity Characteristics

The Property consists of an approximately 32 acre are within a 676 acre parent parcel. Structures or paved access roadways were not observed on the Property. Residential land is located in the immediate vicinity of the Property. The Property is an irregular-shaped area that primarily includes wooded land and is situated within a suburban residential and commercial land use area. Please see Appendix A for the Site Observation Map.

3.3 Current Use of the Property

The Property currently consists of undeveloped wooded land. Structures or paved access roadways were not observed on the Property. The parent parcel is an irregular-shaped area, and primarily includes wooded land and several ponds.



3.4 Description of Structures, Roads, Other Improvements

The Property is accessed from Little Drive to the north, and by Parkside Valley Drive to the south. A natural gas pipeline transects the northeastern portion, and a sewer easement transects the southwestern portion. A utility easement also transects the northern portion of the site and an unimproved access road was observed on the northern portion. Structures, improved roads, or other significant improvements were not observed on the Property.

3.5 Current Uses of Adjacent Properties

The Property is bound to the north by Little Drive, beyond which is wooded land (parent parcel); to the south by Parkside Valley Drive, beyond which is residential land, including a pond, tennis courts, and a pool; to the east by residential and wooded land (parent parcel); and to the west by residential development. Please reference Appendix A for the Property Observation Map.

4.0 USER PROVIDED INFORMATION

In accordance with the ASTM Standard, the Client is responsible for providing the following information. Ms. Betty Parker of Wake County Public School System Real Estate Services provided F&R personnel with the site location and site contact information. F&R also requested information within the following sections.

4.1 Title Records

Prior ownership information was not provided to F&R by the Client. However, at the request of the client, F&R conducted a limited review of prior ownership information for the Property. Ownership information is provided in Section 5.3 of this report.

4.2 Environmental Liens, Activity, and/or Use Limitations

Identification of activity use limitations and/or environmental conditions at the site was not provided.

4.3 Specialized Knowledge

Specialized knowledge of environmental issues was not provided to F&R.

4.4 Valuation Reduction for Environmental Issues

Information concerning valuation reduction for environmental issues was not provided by the Client.

4.5 Owner, Property Manager, and Occupant Information

The current property owner was identified as the Research Triangle Foundation of NC. Additional information concerning the property manager or occupant was not provided to F&R.



4.6 Reason for Performing Phase I Environmental Site Assessment

The Phase I Environmental Site Assessment is being performed to satisfy environmental inquiry into the site.

4.7 Other

Additional information was not provided by the user.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Federal, state and tribal environmental databases and records were reviewed in an effort to determine whether environmental incidents have been reported at the site and to locate properties with environmental liabilities in the vicinity of the site. A detailed summary of federal, state and tribal databases prepared by Environmental Data Resources, Inc. (EDR) is presented in Appendix E. Federal and state regulatory databases have been researched and reported in accordance with the approximate minimum search distances specified by ASTM E 1527-13. The table below depicts the listed facilities and/or incidents identified in the database search:

Database	Target Property (TP)	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
National Priority List (NPL)		1	0	0	0	1	NR	1
Superfund (CERCLA) Consent Decrees (CONSENT)		1	0	0	0	1	NR	1
Records Of Decision (ROD)		1	0	0	0	1	NR	1
Hazardous Substance Disposal Site (NC HSIDS)		1	0	0	0	1	NR	1

5.1.1 Federal Regulatory Agencies

Neither the Property nor adjacent properties were identified in the federal databases searched by EDR. The EDR Radius Map Report mapped one NPL facility, one CERCLA CONSENT facility, and one ROD facility within the ASTM search distance. Based upon factors such as current regulatory status, relative topography, assumed direction of groundwater flow and/or distance, these listings do not represent a REC with respect to the Property.

Due to poor or inadequate address information, the Orphan Summary contains a list of facilities identified within federal databases which were not mapped within the environmental report. Facilities with references to federal databases were not listed on the Orphan Summary.

5.1.2 State and Tribal Regulatory Agencies

Neither the Property nor adjacent properties were identified in the state or tribal databases searched by EDR.

The EDR Radius Map Report mapped one HSIDS facility within the ASTM search distance. Based upon factors such as current regulatory status, relative topography,



assumed direction of groundwater flow and/or distance, this listing does not represent a REC with respect to the Property.

Due to poor or inadequate address information, the Orphan Summary contains a list of facilities identified within state or tribal databases which were not mapped within the environmental report. Facilities with references to state databases were not observed during the reconnaissance for the Property.

5.1.3 Additional Environmental Record Sources

F&R contacted the Wake County Public Affairs Division for additional information on the Property. Information obtained is included within Section 7.2 of this report.

5.1.4 Vapor Encroachment Screening

Incidents involving chemicals of concern (COC) were not identified in the EDR Environmental Database Report within the critical distance (up to 100 feet cross gradient from the nearest property line) of the Property. Based on this information, a VEC is not likely to exist at the Property.

5.2 Physical Setting Sources

The United States Geological Survey (USGS), Cary, NC Quadrangle 7.5 minute series topographic map was reviewed during the preparation of this report. This map was published by the USGS in 2013. According to the contour lines on the topographic map, the Property is located at approximately 350 feet above mean sea level (AMSL). The contour lines in the area indicate the Property generally slopes to the southwest. The area of the Property is colored green and white, which indicates wooded and cleared land, respectively.

An unnamed tributary of Kit Creek is depicted on the southwestern portion of the Property. These surface waters appear to flow to the northwest into Kit Creek. Based upon regional topography, as depicted on the USGS topographic map, the direction of shallow groundwater flow in the vicinity of the site is inferred to be to the west toward an unnamed tributary of Kit Creek. However, without performing a hydrogeologic evaluation, the actual direction of groundwater flow cannot be determined.

5.3 Property Historical Use Information

Based upon F&R's review of historical sources and interviews, the Property has consisted of wooded land with unimproved access roads since at least 1938, and presumably earlier. A utility easement is depicted transecting the northern portion since at least 1959, a natural gas pipeline is depicted on the northern portion of the Property since at least 1998, and a sewer easement is depicted on the southern portion since at least 2002.

5.3.1 Aerial Photographs

F&R reviewed aerial photographs from the USDA NRCS, USGS, and Wake County GIS to determine the historical usage of the Property. The findings are presented in the following table:



Year	Site
1938	The Property is depicted as wooded land, with an unimproved access road.
1959, 1971, 1981, 1988, 1993	Utility easement depicted transecting the northern portion.
1998	Natural gas pipeline developed along northern portion of the Property, unimproved access road depicted connecting the natural gas easement to the existing utility easement.
2002	Sewer easement depicted on southern portion.
2006, 2010, 2014	Little Drive depicted north of the Property.

5.3.2 City Directories

Historical property usage was determined utilizing other sources; city directories were not reviewed for this report.

5.3.3 Chain of Title

F&R performed a limited review of prior ownership information that was reasonably ascertainable via the Wake Register of Deeds office. The current owner was listed as the Research Triangle Foundation of North Carolina since 1965.

Ownership information was reviewed for evidence of Property ownership or usage which may identify a suspect operation or previous use which would indicate an environmental concern or risk of an environmental concern to the Property. The review of ownership history did not appear to indicate evidence of Property ownership indicative of suspect operations or previous use in connection with the Property.

In addition, F&R reviewed the most current deed for environmental liens and/or activity use limitations (AUL's) which may be in place for the Property. The most current deed did not identify environmental liens or AUL's with respect to the Property.

The research was not performed by a legal professional and should not be construed as a legal chain-of-title for the Property. The ownership information was obtained for informational and historical purposes for use in this Phase I ESA. The following table identifies the information obtained:

Deed Book / Page / Date	Grantor	Grantee
1670/239 September 30, 1965	The Pinelands Company, Inc	Research Triangle Foundation of North Carolina

5.3.4 Sanborn Fire Insurance Maps

According to EDR, Sanborn Fire Insurance Maps were not available for the Property. The EDR Sanborn Map "No Coverage Letter" is included in Appendix C of this report.



5.3.5 Historical Topographic Maps

Historical property usage was determined utilizing other sources; topographic maps were not reviewed for this report.

5.3.6 Additional Historical Sources

Additional historical sources were not utilized during the course of this assessment.

5.4 Adjoining Properties Historical Use Information

Based upon F&R's review of historical sources and interviews, the sites in the vicinity of the Property are currently utilized as wooded and residential land and have been since at least 2002. Prior to 2002, and presumably earlier, the adjacent properties consisted of wooded and cleared/agricultural land.

5.4.1 Aerial Photographs

F&R reviewed aerial photographs from the USDA NRCS, USGS, and Wake County GIS to determine the historical usage of adjacent properties. The findings are presented in the following table:

Year	North	South	East	West
1938, 1959, 1971, 1981, 1988, 1993, 1998	Wooded land	Wooded and cleared/agricultural land	Wooded and cleared/agricultural land	Wooded and cleared/agricultural land
2002	Wooded land	Parkside Valley Drive and current residential development	Residential and wooded land	Residential development
2006, 2010, 2014	Little Drive developed	No obvious change	No obvious change	Additional residential development

5.4.2 City Directories

Historical usage of adjacent properties was determined utilizing other sources; city directories were not reviewed for this report.

5.4.3 Sanborn Fire Insurance Maps

According to EDR, Sanborn Fire Insurance Maps were not available for the vicinity of the Property. The EDR Sanborn Map "No Coverage Letter" is included in Appendix C of this report.

5.4.4 Historical Topographic Maps

Historical usage of adjacent properties was determined utilizing other sources; topographic maps were not reviewed for this report.



6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Mr. Paul Hughes of F&R performed a site reconnaissance on September 23, 2015 to review current site conditions. F&R personnel walked the Property and viewed adjacent parcels. F&R was not accompanied during the Property reconnaissance.

6.2 General Site Setting/Characteristics

The Property is located within a suburban land use area. Properties located in the vicinity of the Property include residential and wooded land. Please see Appendix A for the Site Observation Map.

6.3 Potential Environmental Conditions

6.3.1 Hazardous Materials Storage

Hazardous material storage was not observed on the Property. Additionally, obvious evidence of hazardous materials or regulated substances being improperly stored, dumped, or spilled on the Property (e.g., surface staining, stressed or dead vegetation, unusual odors, etc.) was not observed.

6.3.2 Polychlorinated Biphenyls (PCBs)

Electrical equipment manufactured prior to 1979 has the potential for containing PCBs and therefore subject to regulation by the United States Environmental Protection Agency (EPA). If a transformer is labeled with a blue or black dot, this indicates that the transformer has been tested for the presence of PCBs and contained concentrations of PCBs less than 50 parts per million (ppm), or it was manufactured after 1978.

Electrical transformers were not observed on the Property during F&R's site reconnaissance.

6.3.3 Storage Tanks or Pipelines

Obvious evidence of aboveground storage tanks (ASTs), underground storage tanks (USTs) or pipelines indicative of USTs was not observed on-site or reported during interviews. A natural gas line was observed on the northern portion of the Property.

6.3.4 Drinking Water/Sewer System

Structures are not currently located on the Property and active septic systems or water wells were not reported or observed. A sewer easement was observed on the southern portion of the Property.

6.3.5 Wastewater

F&R did not observe an industrial wastewater system on the Property.



6.3.6 Pits, Ponds, And Lagoons

F&R did not observe pits, ponds, or lagoons on site.

6.3.7 Additional Observations

F&R observed a scattered inert household debris and a boat and boat trailer on the northern portion of the Property. A motor was not observed in the boat. Based upon the amount and observed nature of the material, it does not represent a REC with respect with the Property.

7.0 INTERVIEWS

F&R personnel interviewed various persons familiar with the Property and surrounding properties. Details are as follows.

7.1 Interview with Site Owner/Manager

F&R spoke with Ms. Elizabeth Rooks, the Interim President and CEO at the Research Triangle Foundation (RTF) of NC (current owner), on September 22, 2015 regarding the Property. Details are as follows:

- RTF has owned the Property since 1958 and Ms. Rooks has worked for RTF for 26 years
- RTF was known as Pinelands Inc from 1958 to 1965
- Land has been undeveloped wooded since prior to acquisition, northeastern portion acquired in 1983
- Was not aware of previous environmental reports or sampling
- Was not aware of indicators pointing to the presence of contamination or USTs on the site
- Was not aware of deed restrictions or activity use limitations
- Was not aware of chemical usage or spills
- Was not aware of wells on the parent parcel
- Selective timbering occurred in the 1990s

7.2 Interviews with Local Government Officials

Fire Officials

F&R contacted the Wake County Public Affairs Division to request information regarding responses of the respective departments to emergency situations that include fires, chemical spills, hazardous material releases (HAZMAT team responses), and incidents of environmental concern on or in the immediate vicinity of the Property. F&R has not received a response as of the issuance of this report; however, if pertinent information is received, F&R will forward it to the client.

Building Department

F&R contacted the Wake County Public Affairs Division to request information on existing permits, USTs, or environmental concerns on the Property. F&R has not received a response as of the issuance of this report; however, if pertinent information is received, F&R will forward it to the client.

Health Department



F&R contacted the Wake County Public Affairs Division to request information on groundwater or drinking water well contamination in the vicinity of the Site. F&R has not received a response as of the issuance of this report; however, if pertinent information is received, F&R will forward it to the client.

7.3 Interview with Others

Additional interviews were not conducted during the course of this assessment.

8.0 FINDINGS AND CONCLUSIONS

8.1 Findings

During the course of this Phase I ESA, recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), de minimis conditions, and items of environmental concern were not identified with respect to the Property.

8.1.1 On-Site Recognized Environmental Conditions

This assessment did not identify on-site RECs.

8.1.2 Off-Site Recognized Environmental Conditions

This assessment did not identify off-site RECs.

8.1.3 Controlled Recognized Environmental Conditions

This assessment did not identify CRECs.

8.1.4 Historical Recognized Environmental Conditions

This assessment did not identify HRECs associated with the Property.

8.1.5 De Minimis Conditions or Items of Environmental Concern

This assessment did not identify on-site de minimis conditions or items of environmental concern.

8.2 Opinion

It is F&R's opinion that on-site conditions, observations, and research did not reveal evidence of on-site or off-site RECs, HRECs, de minimis conditions, or items of environmental concern.

8.3 Conclusions and Recommendations

F&R has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E 1527-13 of the proposed E-50 Elementary School Site (the Property) located south of little drive and north of Parkside Valley Drive approximately 1,300 feet southwest of the intersection of Little Drive with Davis Drive, in Morrisville, NC. Any exceptions to, or deletions from, this



practice are described in Section 9.0 of this report. This assessment has not revealed evidence of RECs with respect to the Property.

9.0 DEVIATIONS

There were no significant deviations from the proposed scope of work; however historical research performed was not per the ASTM Standard. ASTM requires research to determine historical property use back to first developed use or 1940, which ever is earlier. Through the methods utilized, F&R could not provide these research tools. However, it is apparent the site was cleared/agricultural and wooded land prior to its current use. This data failure is not critical, and does not alter the conclusions or recommendations of this assessment.

10.0 ADDITIONAL SERVICES

Additional services were not requested for this report.

11.0 REFERENCES


F&R utilized the following references in preparation of this report:

- Environmental Data Resources (EDR) Radius Map Report
- EDR Certified Sanborn Map Report
- Wake County GIS, USGS, and USDA Aerial Photographs
- USGS 7.5 minute Topographic Map "Cary, North Carolina" dated 2013
- Wake County Parcel Maps available at the Wake County Assessor's Office Website
- Wake County Register of Deeds website



12.0 SIGNATURES

We declare that, to the best of our professional knowledge and belief, at least one of the signatures listed below meets the definition of environmental professional as defined in Section 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 Property. We have developed and performed the all appropriate inquiries in accordance with the standards and practices set forth in 40 CFR Part 312.

Site Assessor: 

Paul M. Hughes
Environmental Scientist

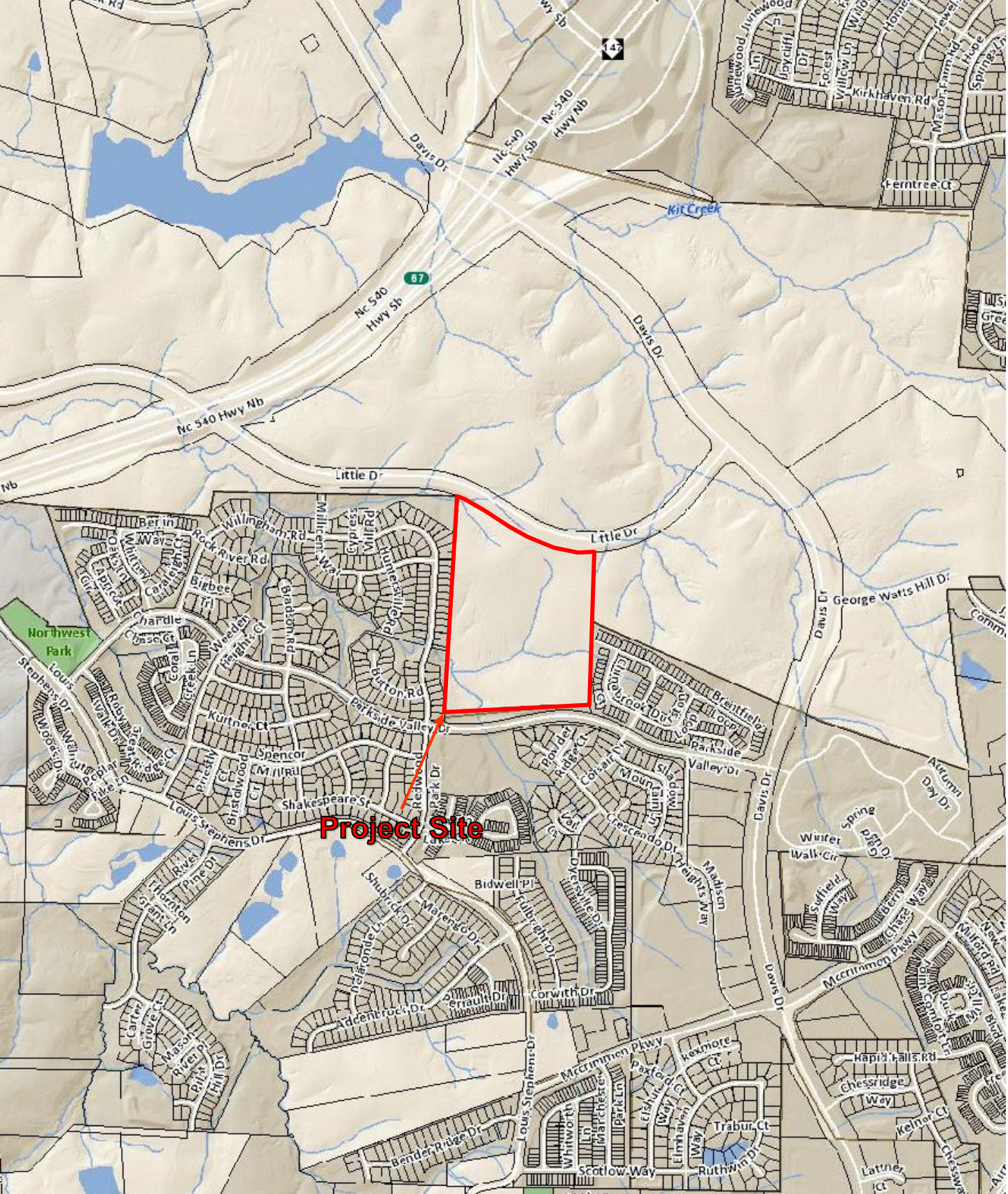
Project Manager: 

Elias N. Ruhl
Environmental Department Manager

Senior Reviewer:  *On Behalf Of Daniel Schaefer - Raleigh Branch Manager*

Elias N. Ruhl
Environmental Department Manager

Appendix A: Site Vicinity Map, Site Observation Map



Project Site

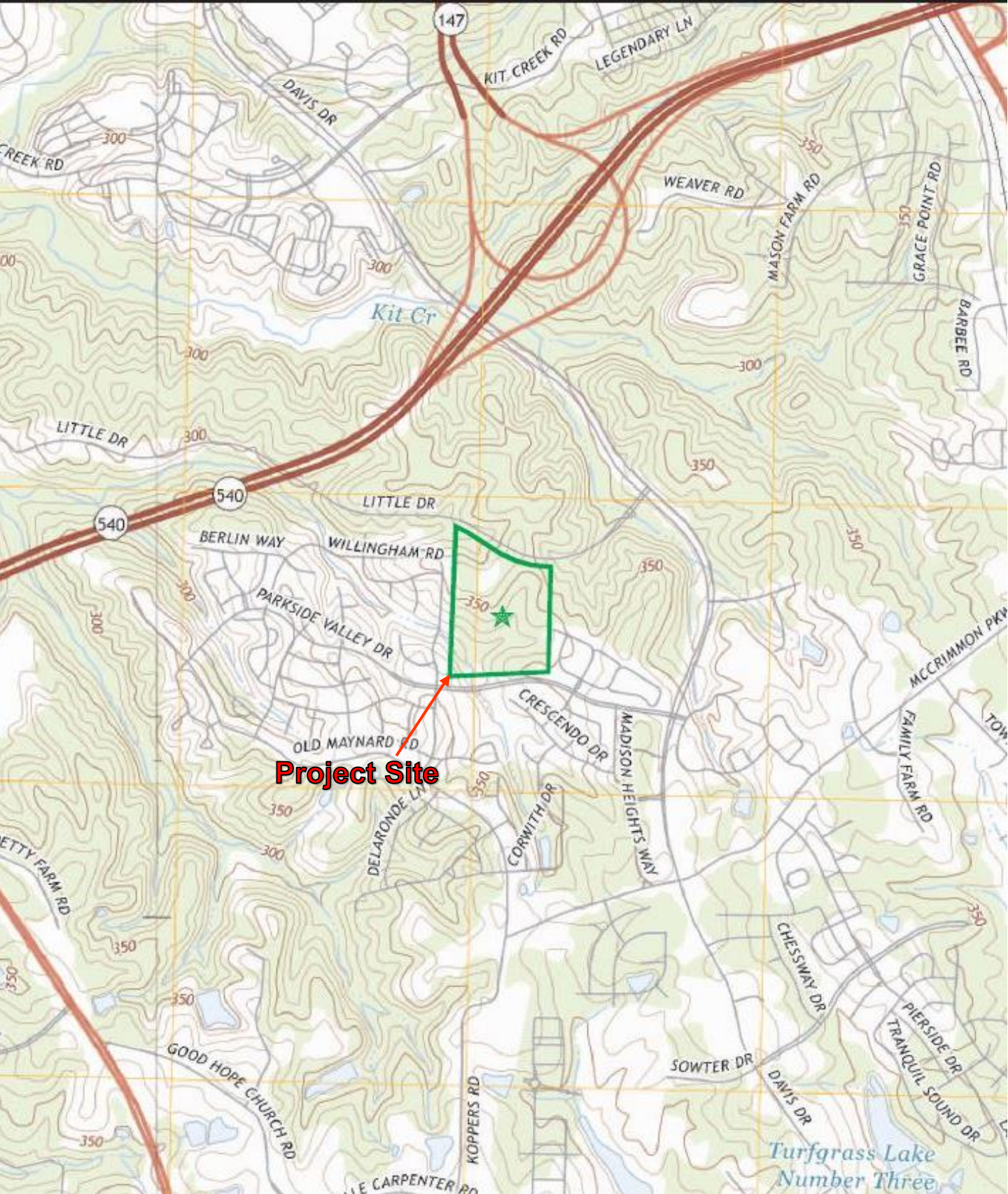
PROPERTY LOCATION MAP

North 



FROEHLING & ROBERTSON, INC.
 ENGINEERING • ENVIRONMENTAL • GEOTECHNICAL
 310 Hubert Street
 Raleigh, North Carolina 27603-2302 | USA
 T 919.828.3441 | F 919.828.5751

Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	Wake County GIS
Date: September 2015	Scale Not Known
	Figure #1



Project Site

PROPERTY VICINITY MAP

North 



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 310 Hubert Street
 Raleigh, North Carolina 27603-2302 | USA
 T 919.828.3441 | F 919.828.5751

Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	"Cary, NC" dated 2013
Date: September 2015	Scale Not Known



AERIAL SITE PLAN

North ↑



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 310 Hubert Street
 Raleigh, North Carolina 27603-2302 | USA
 T 919.828.3441 | F 919.828.5751

Client:	Wake County Board of Education	
Project:	E-50 Property	
Location:	Morrisville, Wake County, NC	
F&R Project No:	66T-0175	
Source:	Google Earth dated 2014	
Date: September 2015	Scale Not Known	Figure #3

Appendix B: Site Photographs



View of northeastern portion of Property from the northeast facing southwest.



View of PSNC Energy natural gas pipeline utility on the northeastern boundary of the Property.



View of abandoned boat on the north-central portion of the Property.



View of northeastern portion of the Property facing southeast.



View of northwestern portion of the Property facing northwest.



View of eastern boundary of the Property and adjacent residential development to the east.



View of stream on the southern portion of the Property.



View along sewer easement from the southern boundary facing north.



View of stream on southeastern portion of the Property.



View along sewer easement on the western portion of the Property and adjacent residential development to the west.



View of drainage feature on the eastern portion of the Property.



View of adjacent site to the north facing north across Little Drive.

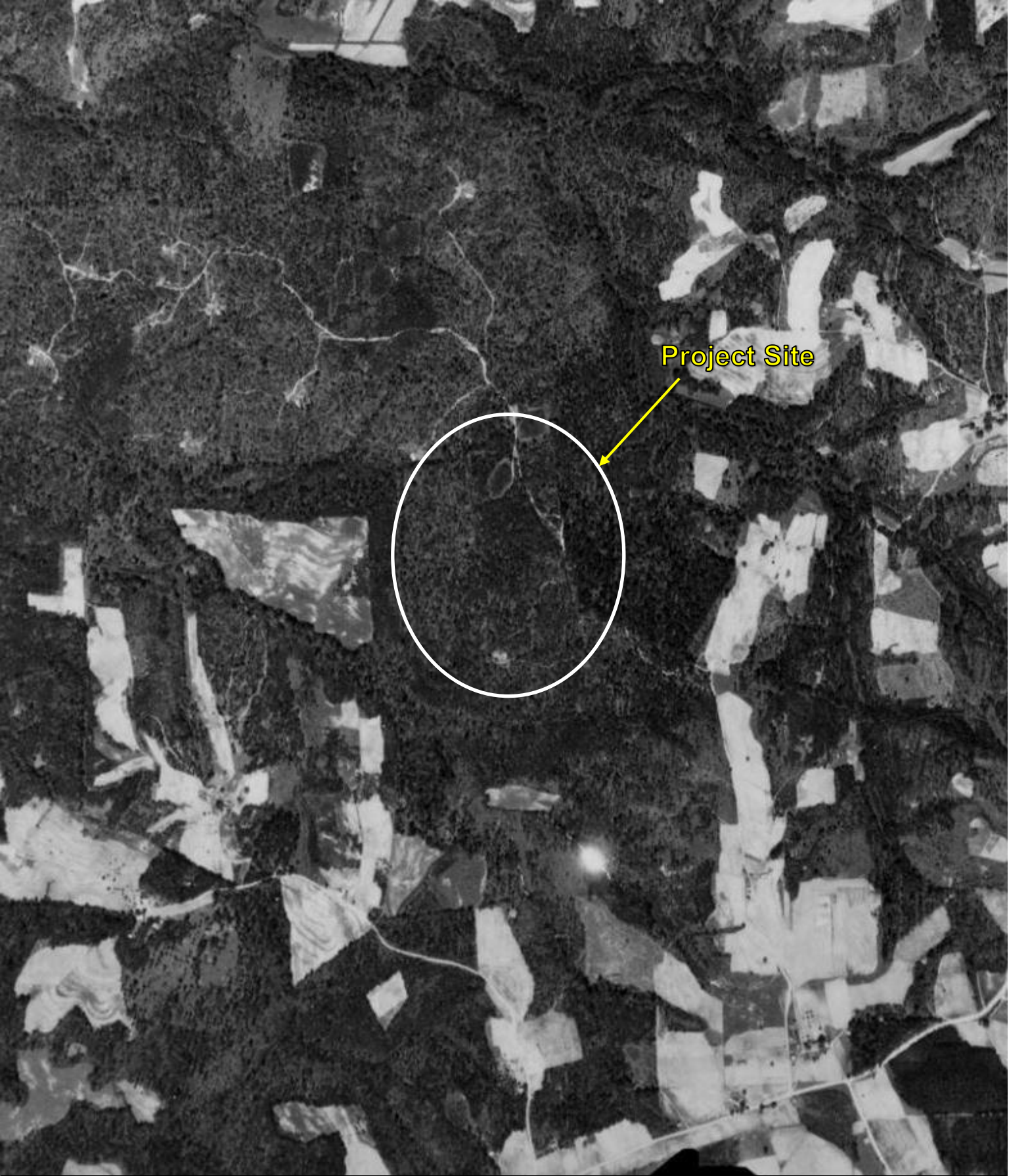


View of stormwater culvert adjacent to the south of the Property.



View of adjacent site to the south facing south across Parkside Valley Drive.

Appendix C: Historical Research Documents



Project Site

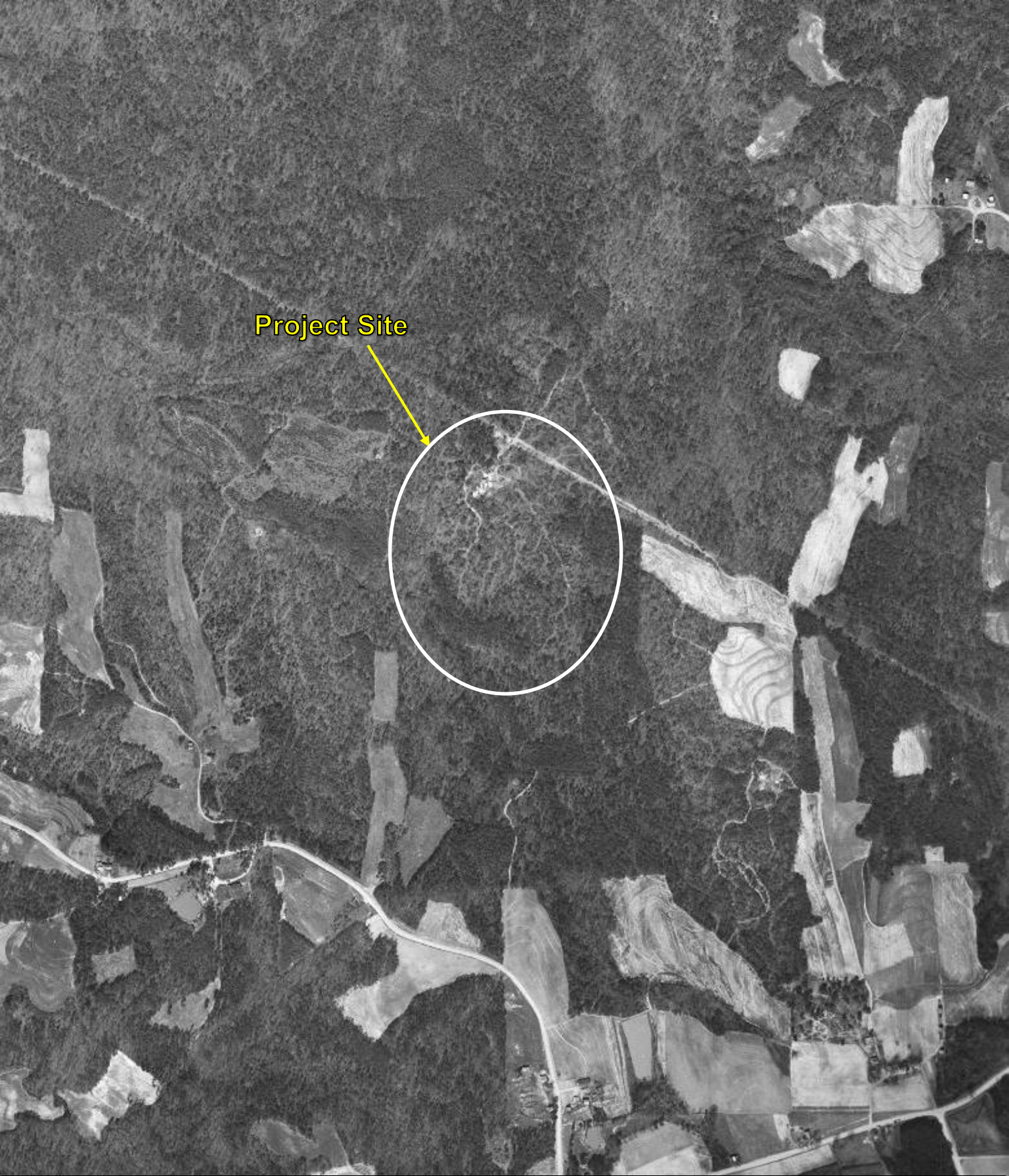
1938 Aerial Photograph

North ↑

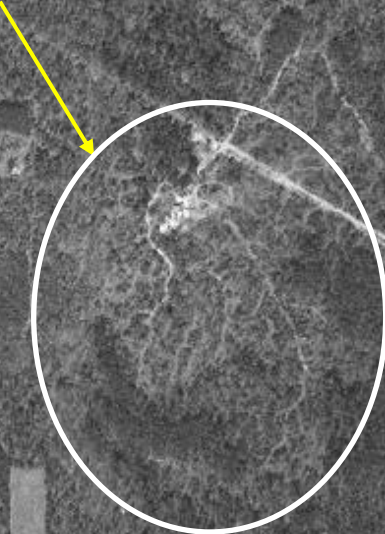


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310 HUBERT STREET, RALEIGH, NC 27603 | USA
T 919.828.3441 | F 919.828.5751
www.FandR.com

Client:	Wake County Board of Education	
Project:	E-50 Property	
Location:	Morrisville, Wake County, NC	
F&R Project No:	66T-0175	
Source:	USDA NRCS	
Date: September 2015	Scale Not Known	Photo # 1



Project Site



1959 Aerial Photograph

North ↑



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Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	USDA NRCS
Date: September 2015	Scale Not Known
	Photo # 2



Project Site

1971 Aerial Photograph

North ↑



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Project:	E-50 Property	
Location:	Morrisville, Wake County, NC	
F&R Project No:	66T-0175	
Source:	USDA NRCS	
Date: September 2015	Scale Not Known	Photo # 3



1981 Aerial Photograph

North ↑



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Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	Wake County GIS
Date: September 2015	Scale Not Known
	Photo # 4



Project Site

1988 Aerial Photograph

North ↑



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Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	Wake County GIS
Date: September 2015	Scale Not Known
	Photo # 5



Project Site

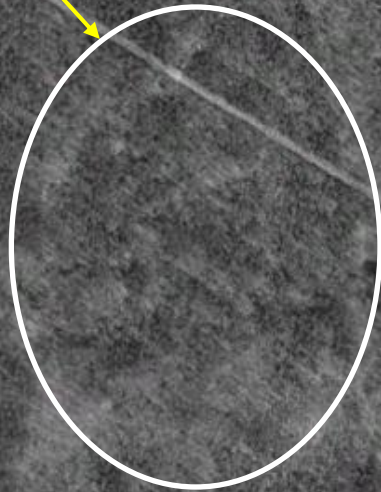


Image U.S. Geological Survey

1993 Aerial Photograph

North ↑



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Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	USGS
Date: September 2015	Scale Not Known
	Photo # 6



Project Site

Image U.S. Geological Survey

1998 Aerial Photograph

North ↑



FROEHLING & ROBERTSON, INC.

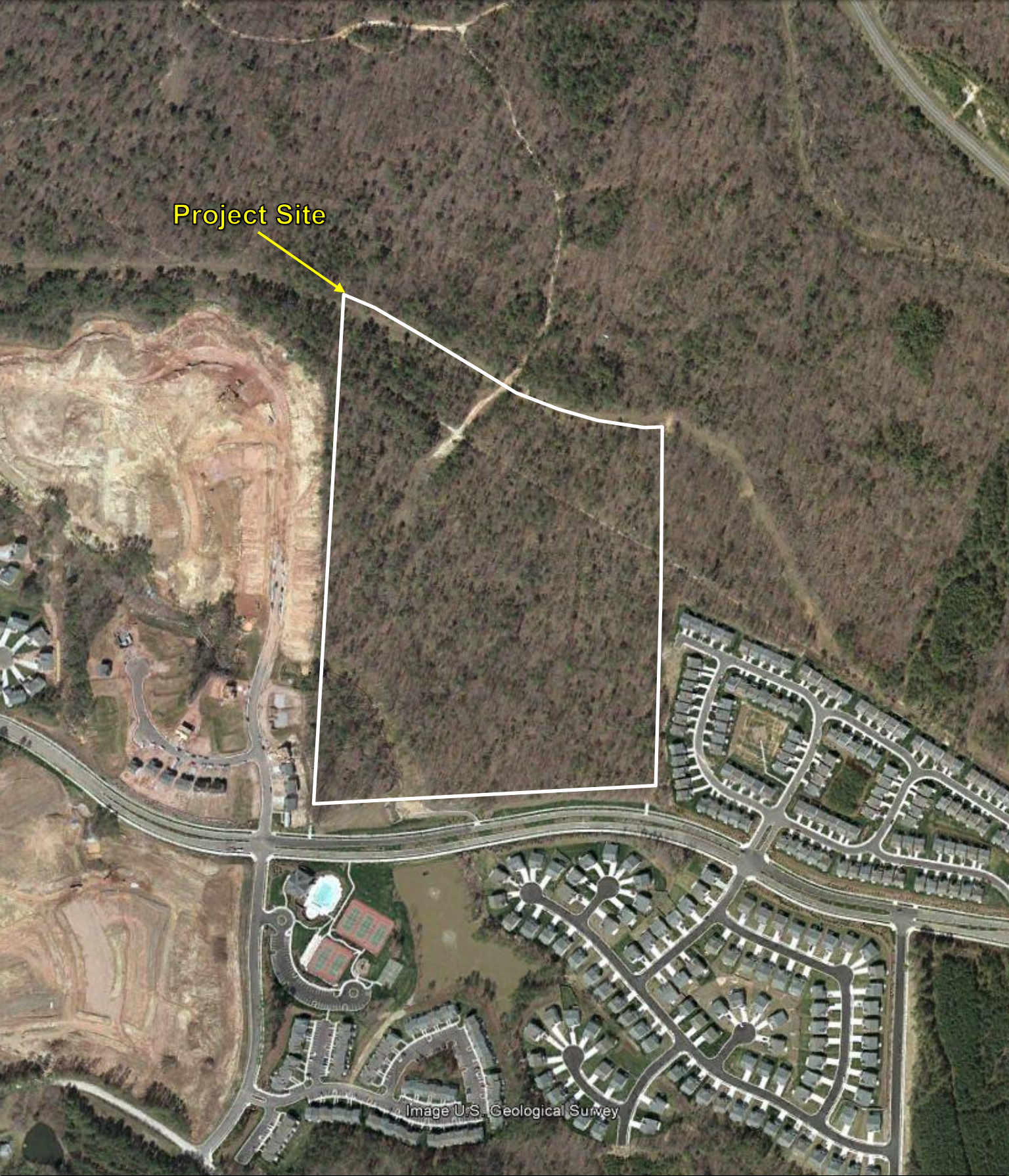
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310 HUBERT STREET, RALEIGH, NC 27603 | USA

T 919.828.3441 | F 919.828.5751

www.FandR.com

Client:	Wake County Board of Education	
Project:	E-50 Property	
Location:	Morrisville, Wake County, NC	
F&R Project No:	66T-0175	
Source:	USGS	
Date: September 2015	Scale Not Known	Photo # 7



Project Site

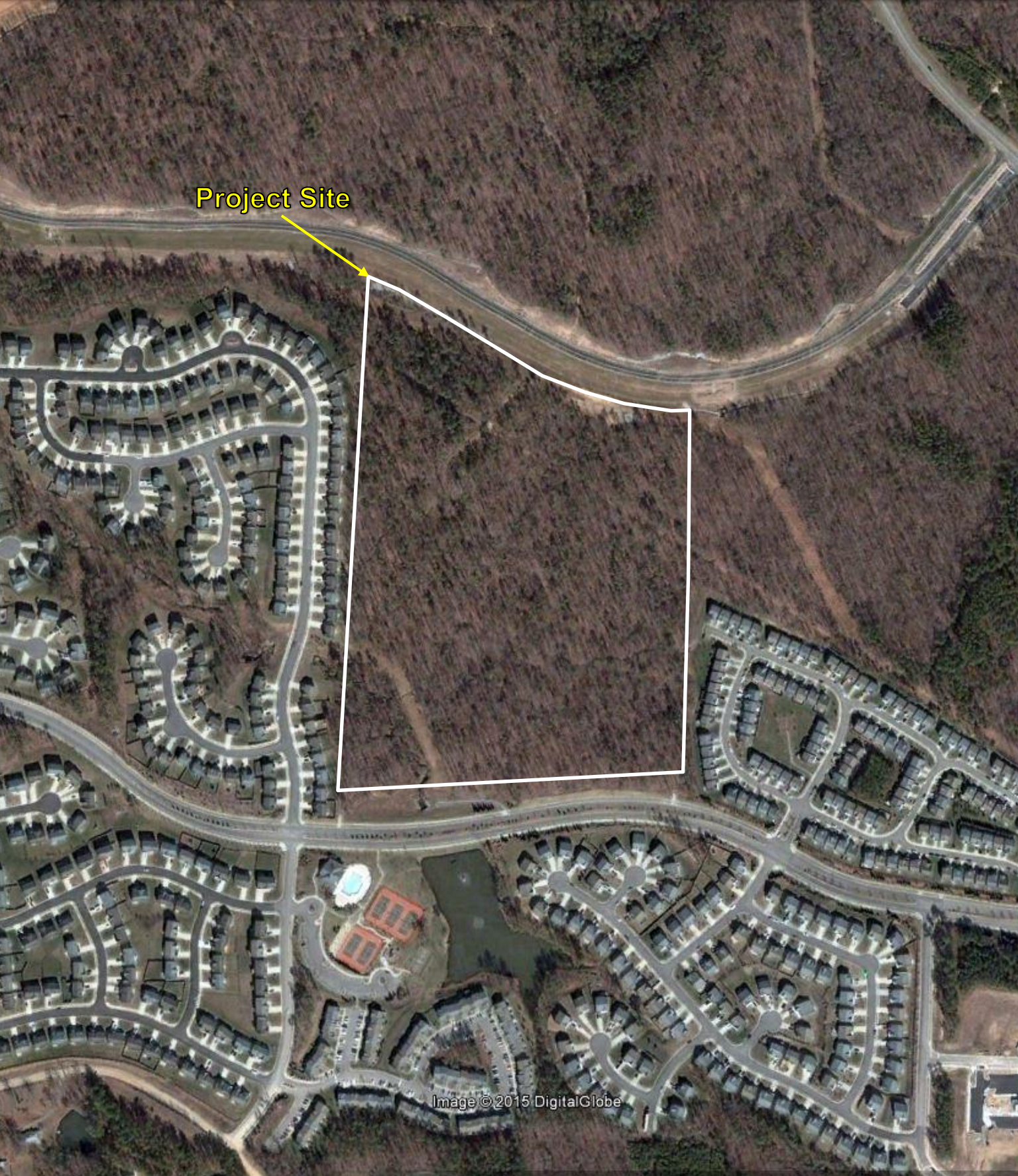
2002 Aerial Photograph

North ↑



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Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	USGS
Date: September 2015	Scale Not Known



Project Site

Image © 2015 DigitalGlobe

2006 Aerial Photograph

North ↑



FROEHLING & ROBERTSON, INC.

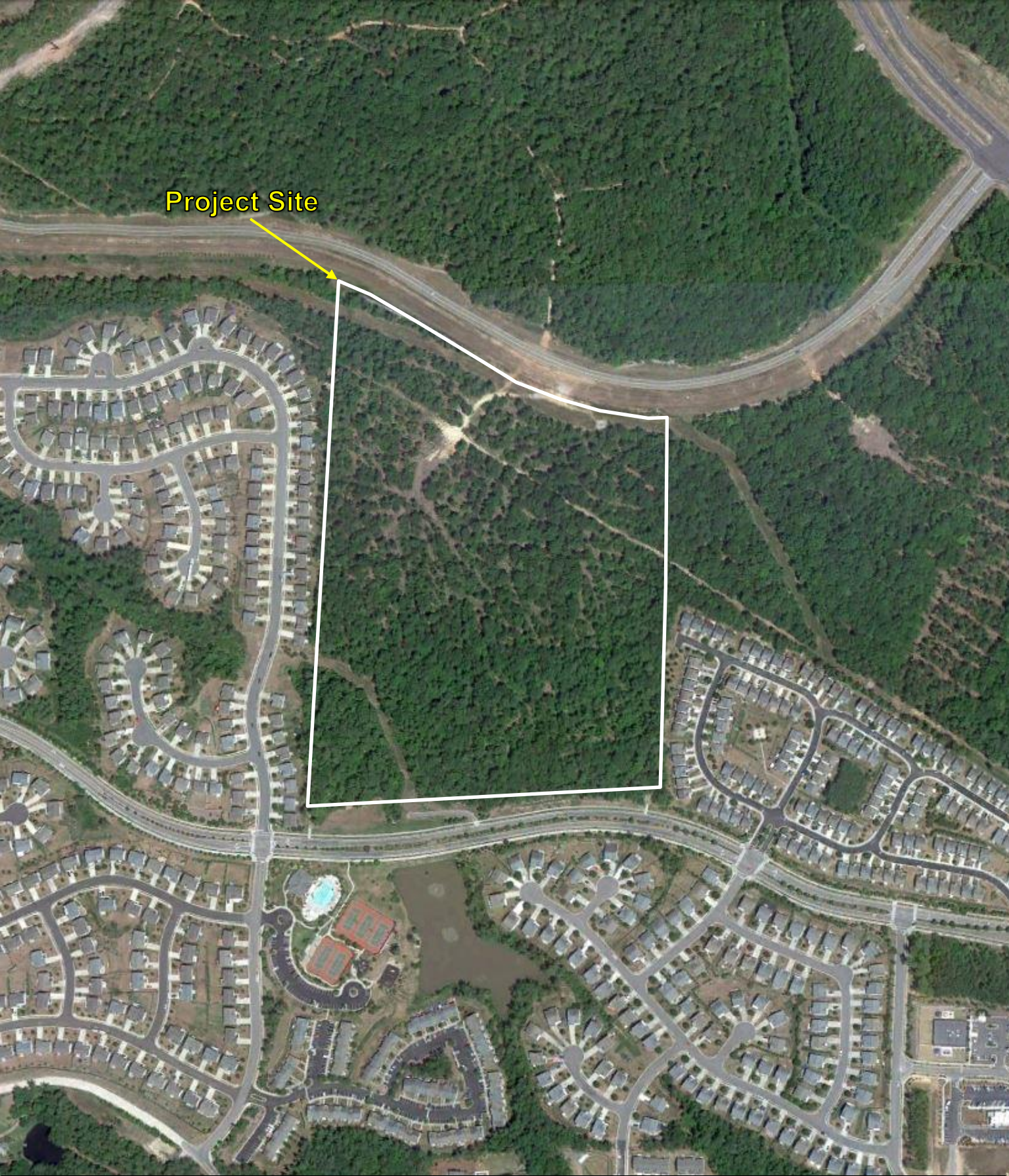
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Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	USGS
Date: September 2015	Scale Not Known
	Photo # 9



Project Site

2010 Aerial Photograph

North ↑



FROEHLING & ROBERTSON, INC.

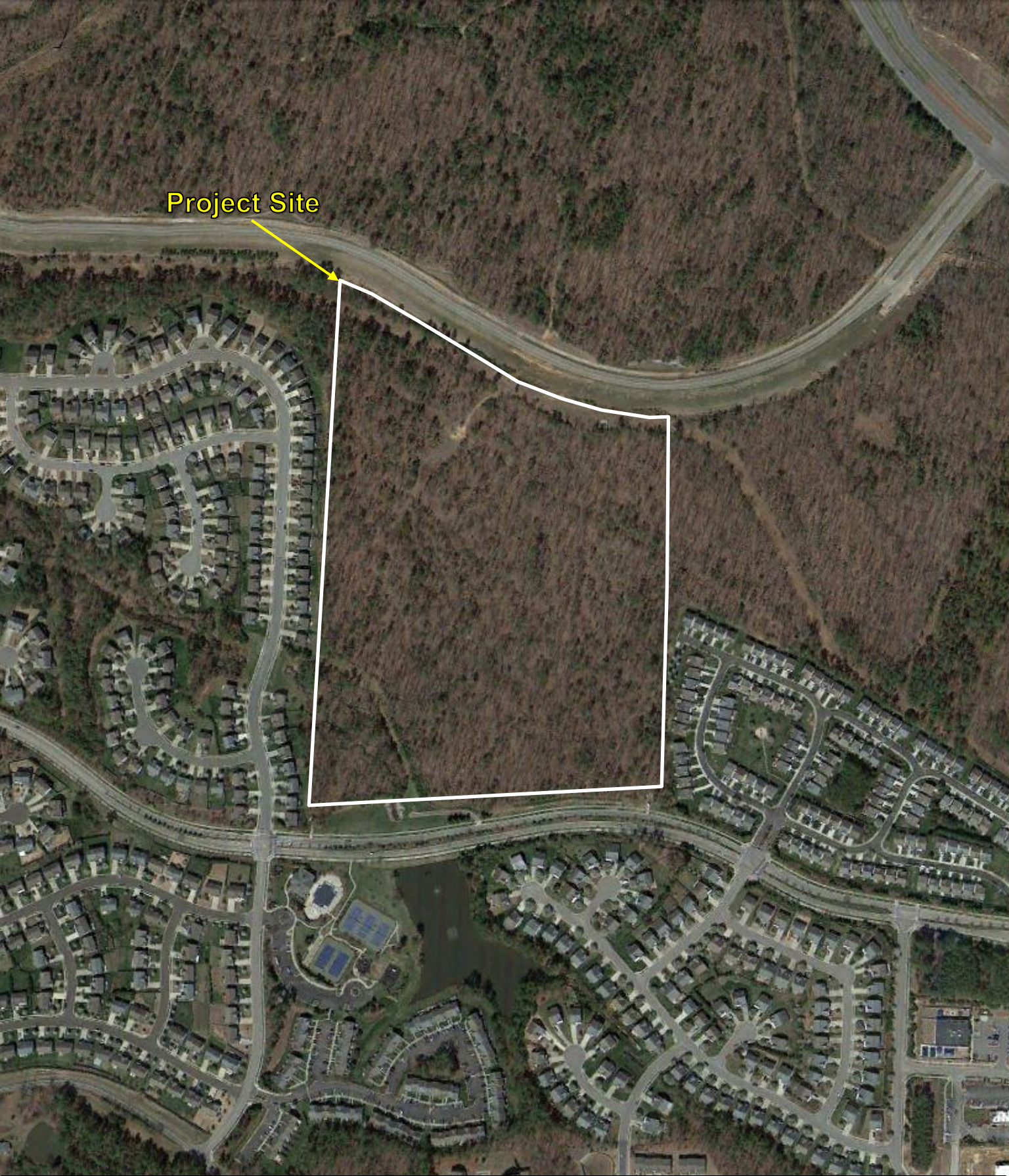
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T 919.828.3441 | F 919.828.5751

www.FandR.com

Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	Google Earth
Date: September 2015	Scale Not Known
	Photo # 10



Project Site

2014 Aerial Photograph

North ↑



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www.FandR.com

Client:	Wake County Board of Education
Project:	E-50 Property
Location:	Morrisville, Wake County, NC
F&R Project No:	66T-0175
Source:	Google Earth
Date: September 2015	Scale Not Known

Photo # 11



E-50 Property

0 Little Drive

Morrisville, NC 27560

Inquiry Number: 4416722.5

September 21, 2015

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

9/21/15

Site Name:

E-50 Property
0 Little Drive
Morrisville, NC 27560

Client Name:

Froehling & Robertson, Inc.
310 Hubert St.
Raleigh, NC 27603



EDR Inquiry # 4416722.5

Contact: Elias Ruhl

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Froehling & Robertson, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: E-50 Property
Address: 0 Little Drive
City, State, Zip: Morrisville, NC 27560
Cross Street:
P.O. # 66T0175-00001
Project: 66T-0175
Certification # 6788-45CE-BE9A



Sanborn® Library search results
Certification # 6788-45CE-BE9A

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Appendix D: Interview Records



INTERVIEW RECORD

Contact: Liz Rooks
Company: RTF of NC
Project: E-50 Property
File No.: 66T-0175

Date: 09/22/15
Time: 16:25
Phone#: 919-433-1662
Received By: PH

Summary:

Spoke with Ms. Rooks, the Interim President and CEO at the Research Triangle Foundation (RTF) of NC (current owner), regarding the Property. Details are as follows:

- RTF has owned the Property since 1958 and Ms. Rooks has worked for RTF for 26 years
- RTF was known as Pinelands Inc from 1958 to 1965
- Land has been undeveloped wooded since prior to acquisition, northeastern portion acquired in 1983
- Was not aware of previous environmental reports or sampling
- Was not aware of indicators pointing to the presence of contamination or USTs on the site
- Was not aware of deed restrictions or activity use limitations
- Was not aware of chemical usage or spills
- Was not aware of wells on the parent parcel
- Selective timbering occurred in the 1990s

Paul Hughes

From: Paul Hughes
Sent: Tuesday, September 22, 2015 2:47 PM
To: Eric.Curry@wakegov.com
Subject: Historic environmental concerns in the immediate area of below listed site
Attachments: 0 Little Road Site boundary.pdf

Good Afternoon Mr. Curry:

I am conducting a Phase I Environmental Site Assessment on the below listed property.

The site is located at **the southern portion of a large parent parcel addressed as 7133 Kit Creek Road, Morrisville (PIN 0736850004) (Please see attached figure for further clarification)**. F&R requests your assistance in determining historic responses of the respective departments to emergency situations that include **underground storage tanks (USTs), fires, chemical spills, hazardous materials releases (i.e., HAZMAT team responses), groundwater and/or drinking water contamination and incidents of environmental concern in the area of the project site**. A verbal or written response from you via telephone, fax, email, or US mail would be greatly appreciated.

Please contact me if you have questions regarding this request. Thank you in advance for any help you can provide.

Regards,

Paul M. Hughes
Environmental Scientist

FROEHLING & ROBERTSON, INC.
310 Hubert Street Raleigh, NC 27603 | USA
T 919.828.3441 | F 919.582.0304 | M 919.520.5956
www.FandR.com

Appendix E: Regulatory Report

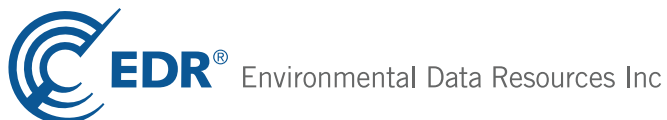
E-50 Property

0 Little Drive
Morrisville, NC 27560

Inquiry Number: 04416722.2r
September 21, 2015

The EDR Radius Map™ Report

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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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	34
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). FROEHLING & ROBERTSON, INC. used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by FROEHLING & ROBERTSON, 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

0 LITTLE DRIVE
MORRISVILLE, NC 27560

COORDINATES

Latitude (North):	35.8425000 - 35° 50' 33.00"
Longitude (West):	78.8620000 - 78° 51' 43.20"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	693094.1
UTM Y (Meters):	3968389.8
Elevation:	337 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5948574 CARY, NC
Version Date:	2013
Southwest Map:	5948596 GREEN LEVEL, NC
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120531
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
0 LITTLE DRIVE
MORRISVILLE, NC 27560

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	KOPPERS CO INC		NC HSDS	Same	5256, 0.995, East
Reg	BEAZER EAST INC (KOP	908 CHURCH STREET	NPL, CERCLIS, RCRA-CESQG, US ENG CONTROLS, US INST	Same	5239, 0.992, East

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

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

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

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

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

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

SHWS..... Inactive Hazardous Sites Inventory

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

SWF/LF..... List of Solid Waste Facilities

OLI..... Old Landfill Inventory

State and tribal leaking storage tank lists

LUST..... Regional UST Database

LAST..... Leaking Aboveground Storage Tanks

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

LUST TRUST..... State Trust Fund Database

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Petroleum Underground Storage Tank Database

AST..... AST Database

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... No Further Action Sites With Land Use Restrictions Monitoring

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Responsible Party Voluntary Action Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF..... Solid Waste Facility Listing

SWRCY..... Recycling Center Listing

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

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register

EXECUTIVE SUMMARY

US CDL..... Clandestine Drug Labs

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Incident Listing
IMD..... Incident Management Database
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

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

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

An online review and analysis by FROEHLING & ROBERTSON, INC. of the NPL list, as provided by EDR, and dated 03/26/2015 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEAZER EAST INC (KOP</i>	<i>908 CHURCH STREET</i>	<i>E 1/2 - 1 (0.992 mi.)</i>	<i>0</i>	<i>8</i>

State- and tribal - equivalent NPL

NC HSDS: The Hazardous Substance Disposal Sites list contains locations of uncontrolled and unregulated hazardous waste sites. The file contains sites on the national priority list as well as the state priority list. The data source is the North Carolina Center for Geographic Information and Analysis.

An online review and analysis by FROEHLING & ROBERTSON, INC. of the NC HSDS list, as provided by EDR, and dated 08/09/2011 has revealed that there is 1 NC HSDS site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KOPPERS CO INC		E 1/2 - 1 (0.995 mi.)	0	8

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

An online review and analysis by FROEHLING & ROBERTSON, INC. of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEAZER EAST INC (KOP</i>	<i>908 CHURCH STREET</i>	<i>E 1/2 - 1 (0.992 mi.)</i>	<i>0</i>	<i>8</i>

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

An online review and analysis by FROEHLING & ROBERTSON, INC. of the CONSENT list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEAZER EAST INC (KOP</i>	<i>908 CHURCH STREET</i>	<i>E 1/2 - 1 (0.992 mi.)</i>	<i>0</i>	<i>8</i>







EXECUTIVE SUMMARY




Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
AVIATION PARKWAY/CARY OIL CO	LUST TRUST
FARM & CONSTRUCTION	UST
BUSHRANGER FENCE CO.	UST
ADAMS PRODUCTS CO.	UST

OVERVIEW MAP - 04416722.2R



-  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
-  Hazardous Substance Disposal Sites










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

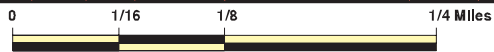
SITE NAME: E-50 Property
 ADDRESS: 0 Little Drive
 Morrisville NC 27560
 LAT/LONG: 35.8425 / 78.862

CLIENT: Froehling & Robertson, Inc.
 CONTACT: Elias Ruhl
 INQUIRY #: 04416722.2r
 DATE: September 21, 2015 3:41 pm


DETAIL MAP - 04416722.2R



-  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

 Hazardous Substance Disposal Sites



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: E-50 Property
 ADDRESS: 0 Little Drive
 Morrisville NC 27560
 LAT/LONG: 35.8425 / 78.862

CLIENT: Froehling & Robertson, Inc.
 CONTACT: Elias Ruhl
 INQUIRY #: 04416722.2r
 DATE: September 21, 2015 3:42 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	1	NR	1
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>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	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>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	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 NPL</i>								
NC HSDS	1.000		0	0	0	1	NR	1
<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
OLI	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

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
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
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
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		0	0	0	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	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
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	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
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --			0	0	0	4	0	4

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>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HSDS
Region
East
1/2-1
5256 ft.

KOPPERS CO INC
, NC

NC HSDS **S102442369**
N/A

HSDS:

Site Type: Federal
Superfund ID: 003 200 383
Lat/Long: 35 50 49.106075 78 50 24.811509
Total area in coverage units: 249291.046875
Total perimeter in coverage units: 2015.58740234
X-value coordinate in feet: 2047352
Y-value coordinate in feet: 763212.125
Sites designated as superfund cleanup sites: 275
Length of feature in internal units: 2015.58737891
Area of feature in internal units squared: 249291.036297

NPL
Region
East
1/2-1
5239 ft.

BEAZER EAST INC (KOPPERS SUPERFUND SITE)
908 CHURCH STREET
MORRISVILLE, NC 27560

NPL **1000346502**
CERCLIS **NCD003200383**
RCRA-CESQG
US ENG CONTROLS
US INST CONTROL
ROD
PRP
ICIS
CONSENT

NPL:

EPA ID: NCD003200383
Cerclis ID: 0402647
EPA Region: 4
Federal: G
Final Date: 1989-03-31 00:00:00
Site Score: 41.890000000000001

Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 10 And <= 25 Feet
Category Value: 12

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:

Site Name: KOPPERS CO., INC. (MORRISVILLE PLANT)
Site Status: Final
Site Zip: 27560
Site City: MORRISVILLE
Site State: NC
Federal Site: No
Site County: WAKE
EPA Region: 04
Date Proposed: 06/24/88
Date Deleted: Not reported
Date Finalized: 03/31/89

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U242
Substance: PENTACHLOROPHENOL (PCP)
CAS #: 87-86-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U242
Substance: PENTACHLOROPHENOL (PCP)
CAS #: 87-86-5
Pathway: SURFACE WATER PATHWAY
Scoring: 3

Summary Details:

Conditions at proposal June 24, 1988): The Koppers Co., Inc., Site covers 52 acres on Highway 54 West, approximately 1 mile northwest of Morrisville, Wake County, North Carolina. The site was used as a sawmill until 1959, when it was sold to Unit Structures, Inc., which produced glue-laminated wood products on-site. Koppers Co., Inc. purchased the site in 1962 and continued the glue-laminating process. During 1968-75, Koppers used the southeast portion of the site for treating wood with pentachlorophenol (PCP). Production of laminated wood continued until September 1986, when the plant was sold back to Unit Structures. Koppers retained 10 acres of the original site where PCP was used. Waste water from the PCP process was discharged to a pond on-site for the first 6 months of operation and then to two unlined lagoons nearby. Koppers closed the lagoons in 1977. Liquid from the lagoons was sprayed over a field on the northeast corner of the property, and the sludge was mixed with soil and spread over the lagoon area in the southeast corner. In 1980 and 1981, Koppers found PCP in on-site soil, wells, and pond water and sediment. In 1980 and 1986, Koppers removed some PCP-contaminated soil from the lagoon area and transported it to a hazardous waste facility regulated under Subtitle C of the Resource Conservation and Recovery Act. Contaminated soil remains on-site, however, according to tests conducted by Koppers. Ground water within 3 miles of the site is the primary source of drinking water for an estimated 2,200 people. The North Carolina Solid and Hazardous Waste Management Branch has detected trace contaminants in some off-site wells. Run-off from the northeast corner of the site drains eastward to an intermittent creek that flows southeast approximately 2.25 miles to Crabtree Creek. Run-off from the southeast corner of the site drains to Koppers Pond, which supplies water for fire protection. Intermittent overflow from Koppers Pond drains south approximately 1,000 feet to Medlin's Pond, which is used for fishing and irrigation of garden crops. The site is unfenced, making it possible for people and animals to come into direct contact with hazardous substances. Status March 31, 1989): EPA is considering various alternatives for the site.

Site Status Details:

NPL Status: Final

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Proposed Date: 06/24/1988
Final Date: 03/31/1989
Deleted Date: Not reported

Narratives Details:

NPL Name: KOPPERS CO., INC. (MORRISVILLE PLANT)
City: MORRISVILLE
State: NC

CERCLIS:

Site ID: 0402647
EPA ID: NCD003200383
Facility County: WAKE
Short Name: KOPPERS CO., INC. (MORRIS)
Congressional District: 04
IFMS ID: 048Q
SMSA Number: 6640
USGC Hydro Unit: 03020201
Federal Facility: Not a Federal Facility
DMNSN Number: 52.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 04
Classification: Not reported
Site Settings Code: RU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 37183
CC Concurrence Date: 09/11/97
CC Concurrence FY: 1997
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 4270042.00000
Contact Name: Phil Vorsatz
Contact Tel: (404) 562-8789
Contact Title: Remedial Project Manager (RPM)
Contact Email: vorsatz.phillip@epa.gov

Contact ID: 4000084.00000
Contact Name: Jon Borholm
Contact Tel: (404) 562-8820
Contact Title: Remedial Project Manager (RPM)
Contact Email: bornholm.jon@epa.gov

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Contact ID: 4270039.00000
Contact Name: Luis Flores
Contact Tel: (404) 562-8807
Contact Title: Remedial Project Manager (RPM)
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Contact ID: 4000312.00000
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Contact Title: Remedial Project Manager (RPM)
Contact Email: mallary.ken@epa.gov

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Contact Email: townsend.michael@epa.gov

Contact ID: 4000533.00000
Contact Name: Samantha UrquhartF
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Contact Email: urquhart-foster.samantha@epa.gov

Contact ID: 4000308.00000
Contact Name: Ken Lucas
Contact Tel: (404) 562-8953
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 4000275.00000
Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)
Contact Email: joyner.william@epa.gov

Contact ID: 13002428.00000
Contact Name: Donna Seadler
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Contact Title: Site Assessment Manager (SAM)
Contact Email: seadler.donna@epa.gov

Contact ID: 4270104.00000
Contact Name: Jennifer Wendel
Contact Tel: (404) 562-8799
Contact Title: Site Assessment Manager (SAM)
Contact Email: wendel.jennifer@epa.gov

Contact ID: 4272767.00000
Contact Name: Beverly Stepter
Contact Tel: (404) 562-8816
Contact Title: Remedial Project Manager (RPM)
Contact Email: stepter.beverly@epa.gov

Contact ID: 4271412.00000
Contact Name: Richard Campbell
Contact Tel: (404) 562-8825

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Contact Title: Remedial Project Manager (RPM)
Contact Email: campbell.richard@epa.gov

Contact ID: 4272610.00000
Contact Name: Carolyn Callihan
Contact Tel: (404) 562-8913
Contact Title: Site Assessment Manager (SAM)
Contact Email: Carolyn Callihan/R4/USEPA/US,

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: KOPPERS CO INC (MORRISVILLE PLT)
Alias Address: Not reported
WAKE, NC

Alias ID: 102
Alias Name: KOPPERS CO. INC. (MORRISVILLE PLANT)
Alias Address: HWY 54 W
MORRISVILLE, NC 27560

Alias ID: 103
Alias Name: KOPPERS CO., INC. (MORRISVILLE PLANT)
Alias Address: HWY 54 W
MORRISVILLE, NC 27560

Alias Comments: Not reported

Site Description: The Koppers Co. Inc. (Morrisville Plant) Site was an active lumberyard which treated wood from 1968 to 1975 in Wake County, North Carolina, approximately 1 mile northwest of the Morrisville Town Hall along North Carolina State Route 54. The original site was approximately 52 acres bounded on the south/southeast by McCrimmon Parkway (formerly Koppers Road), the west by Church Street, the north by a home site with open fields, and the east/northeast by a Norfolk Southern Railroad right-of-way. The Site consisted of four separate and distinct areas. The original 52 acres is characterized as two separate areas: the Unit Structures, Inc. property and the Beazer East, Inc. property on the western and eastern portion of the original Site respectively. The Unit Structures, Inc. property is approximately 33 acres and operates as a wood processing facility. In September 1997, the Environmental Protection Agency (EPA) approved a partial deletion of the Unit Structures, Inc. property from the National Priorities List (NPL). The Beazer East, Inc. property is approximately 16.6 acres and consisted of a wood preserving process area, two lagoons which received wastewater from the process area, and a 3 acre man-made Fire Pond. The former process area now consists of a grassy area with no structures. The Fire Pond was filled as a result of the remedial action. Afterwards, it was graded to promote drainage and vegetated with native trees and shrubs. The majority of the Site is currently fenced with gates at two vehicular access points entering the adjacent Unit Structures property. The third area associated with the Site was the Medlin Pond. This area was approximately 4.6 acres and accepted drainage from the outflow of the former Fire Pond. The Medlin Pond was filled as a result of the remedial action. Similar to the Fire Pond, the backfilled area was graded to promote drainage and vegetation. Drainage from the Medlin Pond was to the southeast approximately 1 and 3/4 mile south to Crabtree Creek, which flows through Crabtree Lake and into the Neuse River. The final location associated with the Site was the 4.5 acre Seagondollar area. This area was located approximately 2.5 miles to the west of the rest of the Site and was part of the wetland mitigation portion of the remedial action. Through a conservation easement Beazer East utilized the site for wetland mitigation. Drainage from the Seagondollar area flows to the north-northwest approximately 2 miles along an intermittent stream into Kit Creek. Kit Creek flows into Northeast Creek

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

which ultimately flow into B. Everett Jordan Lake. In 1986, Beazer and the North Carolina Department of Environment and Natural Resources (NCDENR) began investigation of the groundwater and sampled off-site private residential wells. Based on the results of this investigation, Beazer began providing bottled water to all residents whose wells showed detectable amounts of pentachlorophenol (PCP) in September 1988. The results of the investigation were used in the development of the Hazard Ranking System (HRS) package. The Site was proposed for the National Priority List on June 24, 1988, and finalized on March 31, 1989. In March 1989, the EPA and Beazer signed an Administrative Order on Consent (AOC) to allow Beazer to conduct the Remedial Investigation (RI) and Feasibility Study (FS). In May 1989, Beazer began installing public water lines to the affected area under an AOC. Beazer provided bottled water to some residences which did not connect to the water line extension. The EPA approved the RI/FS in September 1992 and the Record of Decision (ROD) was signed on December 23, 1992. Description of the Remedy: The Proposed Plan identified both a primary remedy and a contingency remedy for contaminated soils. The contingency remedy was excavation of contaminated soils and on-site treatment by base-catalyzed dechlorination (BCD). Because the community preferred BCD, the EPA delayed selection of the remedy until completion of a treatability study for BCD. The BCD pilot study was conducted in August 1993, results were inconclusive, and the contingency remedy was eliminated from further consideration. Therefore, the primary remedy, excavation of contaminated soils and off-site incineration was implemented at the site. The major components of the selected remedy for contaminated soils selected in the ROD include: 1. Excavate contaminated soils from the lagoon and process areas on-site to meet cleanup standards, which was 95 milligrams/kilogram (mg/kg) or parts per million (ppm) for soils contaminated with PCP and 7.0 micrograms/kilogram (ug/kg) or parts per billion (ppb) for soils contaminated with polychlorinated dibenz-p-dioxins and dibenzofurans (PCDDs/PCDFs); 2. Transport soils to an off-site permitted incineration facility; 3. Backfill of excavated areas with clean fill; and 4. Regrade and revegetate the excavated areas. The major components of the groundwater remedy selected in the ROD included: 1. Extract contaminated groundwater from within the plume via extraction well(s) to an onsite, aboveground treatment unit; 2. Treat extracted groundwater through a primary carbon adsorption unit and secondary carbon-polishing unit; 3. Discharge effluent to the surface water in accordance with National Pollutant Discharge Elimination System (NPDES) requirements; and 4. Further delineate the horizontal and vertical extent of groundwater contamination. 5. Groundwater cleanup levels were identified as 1 ppb for PCP and 2.2×10^{-7} ppb for PCDDs/PCDFs. Because the cleanup level for PCDD/PCDF was below the practical quantitation limit (PQL), the cleanup level was selected as 3×10^{-7} ppb. The major components of the surface water remedy selected in the ROD included: 1. Dewater the Fire and Medlin Ponds; 2. Treat the surface water by carbon adsorption; 3. Discharge effluent to the surface water in accordance with NPDES requirements; 4. Backfill the ponds with clean fill; 5. Regrade and implement drainage control in the pond areas; and 6. Conduct wetland mitigation due to the loss of wetlands. The selected soil remedy of excavation and off-site incineration was implemented in 1995; approximately 790 tons of soil was transported to an off-site permitted incineration facility. During implementation of the ISCO Pilot Test, a residual source area of pentachlorophenol in surface soil was identified at three of the injection well points. The cuttings generated from the installation of injection wells were segregated, and characterization of these cuttings indicated a pentachlorophenol concentration of 44 milligrams per kilogram. The upper five feet of soil in this area (roughly 50 feet by 30 feet) were impacted. As a result EPA determined that this additional residual source of pentachlorophenol

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

needs to be remediated by blending base-catalyzed sodium persulfate into the upper five feet of soil in the vicinity of the three temporary well points. Since implementation of the groundwater remedy, sampling shows that PCDDs/PCDFs and 2,4-dichlorophenol levels do not exceed cleanup levels. In 1996, prior to remedy implementation the concentration of the pentachlorophenol plume ranged from less than 1 microgram per liter (ug/L) to 3500 ug/L. Sampling data shows a decrease to a range of less than 1 ug/l to 100 ug/l in 2010. The cleanup level for pentachlorophenol is 1 ug/L. Review of the Site groundwater data indicates that while the pentachlorophenol plume is stable, the current levels of the groundwater contamination appear to be at a steady state, and the extraction system is unable to significantly reduce the residual site plume and meet cleanup levels. A Pilot Test was performed from June 28 to July 2, 2010, which implemented in-situ chemical oxidation (ISCO) by injecting persulfate solution into groundwater wells onsite to determine whether the current system could be enhanced to further reduce groundwater contamination levels. The assessment of the ISCO event indicated that the Pilot Test reduced the residual pentachlorophenol plume to below cleanup levels. An Explanation of Significant Differences addressing Operable Unit 01 of the Koppers Co., Inc. (Morrisville Plant) Site was completed in August 2012.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 02/01/80
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SITE INSPECTION
Date Started: / /
Date Completed: 06/17/80
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 02/01/85
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: / /
Date Completed: 08/28/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 06/24/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 12/15/87
Date Completed: 10/07/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Notice Letters Issued
Date Started: / /
Date Completed: 11/30/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

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Action Code: 003
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/27/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 02/03/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 12/14/88
Date Completed: 03/14/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 03/14/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 03/31/89

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 05/15/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 04/04/89
Date Completed: 07/19/90
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 08/30/91
Date Completed: 08/30/91
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RISK/HEALTH ASSESSMENT
Date Started: / /
Date Completed: 08/15/92
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Responsible Party

Map ID
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MAP FINDINGS

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ECOLOGICAL RISK ASSESSMENT
Date Started: / /
Date Completed: 08/15/92
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 03/14/89
Date Completed: 12/23/92
Priority Level: Higher priority for further assessment
Operable Unit: OU01
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 12/23/92
Priority Level: Final Remedy Selected at Site
Operable Unit: OU01
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE RECORDS
Date Started: 07/15/92
Date Completed: 12/30/92
Priority Level: Admin Record Compiled for a Remedial Event
Operable Unit: OU01
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Map ID
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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/24/93
Date Completed: 04/21/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 04/21/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 06/14/93
Date Completed: 03/13/95
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Responsible Party
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NOTICE OF INTENT TO PARTIALLY DELETE
Date Started: / /
Date Completed: 06/23/97
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

Map ID
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Elevation

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Action: PARTIAL NATIONAL PRIORITIES LIST DELETION
Date Started: / /
Date Completed: 09/02/97
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: / /
Date Completed: 09/11/97
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE/VOLUNTARY COST RECOVERY
Date Started: / /
Date Completed: 09/06/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: 07/15/95
Date Completed: 09/10/02
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/30/91
Date Completed: 09/15/04
Priority Level: Not reported

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

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Operable Unit: OU01
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 09/06/07
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Explanation Of Significant Differences
Date Started: / /
Date Completed: 08/21/12
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 09/28/12
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 06/22/95
Date Completed: / /
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Responsible Party
Planning Status: Alternate
Urgency Indicator: Not reported

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

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Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/11/97
Date Completed: / /
Priority Level: Not reported
Operable Unit: OU01
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date: 03/31/89
Fed Register Volume: 54
Page Number: 13296

Fed Register Date: 06/24/88
Fed Register Volume: 53
Page Number: 23988

[Click this hyperlink](#) while viewing on your computer to access
69 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA-CESQG:

Date form received by agency: 11/18/2011
Facility name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)
Facility address: 908 CHURCH ST
MORRISVILLE, NC 27560
EPA ID: NCD003200383
Mailing address: THIRD AVE
CARNEGIE, PA 15106
Contact: ROBERT A FISHER
Contact address: THIRD AVE
CARNEGIE, PA 15106
Contact country: US
Contact telephone: 412-327-3667
Contact email: RFISHER.2006@F-TS.COM
EPA Region: 04
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

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time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: THREE RIVERS MANAGEMENT
Owner/operator address: COCHRAN RD MANOR OAK ONE SUITE 200
PITTSBURGH, PA 15220

Owner/operator country: US
Owner/operator telephone: 412-208-8820
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/30/1989
Owner/Op end date: Not reported

Owner/operator name: THREE RIVERS MANAGEMENT
Owner/operator address: COCHRAN RD MANOR OAK ONE SUITE 200
PITTSBURGH, PA 15220

Owner/operator country: US
Owner/operator telephone: 412-208-8820
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/30/1989
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: F032
. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Historical Generators:

Date form received by agency: 11/22/2010

Site name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: F032

. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

Date form received by agency: 07/26/2010

Site name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)

Classification: Large Quantity Generator

. Waste code: F032

. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

Date form received by agency: 07/17/2007

Site name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: F032

. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

Date form received by agency: 05/14/2007

Site name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)

Classification: Large Quantity Generator

. Waste code: F032

. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

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[EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

Date form received by agency: 04/06/2006

Site name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

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BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: K001
. Waste name: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Date form received by agency: 02/25/2006

Site name: BEAZER EAST, INC. MORRISVILLE, NC

Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: F032
. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

Date form received by agency: 06/28/2005

Site name: BEAZER EAST INC (KOPPERS SUPERFUND SITE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Classification: Large Quantity Generator

. Waste code: K001
. Waste name: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Date form received by agency: 11/13/1998
Site name: BEAZER EAST INC.
Classification: Large Quantity Generator

Date form received by agency: 01/26/1996
Site name: BEAZER EAST, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/29/1993
Site name: BEAZER EAST INC RALEIGH SITE
Classification: Unverified

. Waste code: K001
. Waste name: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/29/1998
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US ENG CONTROLS:

EPA ID: NCD003200383
Site ID: 0402647
Name: KOPPERS CO., INC. (MORRISVILLE PLANT)
Address: HWY 54 W
MORRISVILLE, NC 27560

EPA Region: 04
County: WAKE
Event Code: Not reported
Actual Date: 09/30/2012
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 08/21/2012
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: In-Situ Chemical Oxidation (ISCO)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 08/21/2012
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: In-Situ Chemical Oxidation (ISCO)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Bioremediation Treatment, (N.O.S.)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Equalization
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Filtration
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Incineration
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Contaminated Media : Soil
Engineering Control: Revegetation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Surface Water
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 12/23/1992
Operable Unit: 01
Contaminated Media : Surface Water
Engineering Control: Liquid Phase Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROL:

EPA ID: NCD003200383
Site ID: 0402647
Name: KOPPERS CO., INC. (MORRISVILLE PLANT)
Action Name: Explanation Of Significant Differences
Address: HWY 54 W
MORRISVILLE, NC 27560
EPA Region: 04
County: WAKE
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: 09/30/2012
Comple. Date: 08/21/2012
Operable Unit: 01
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

EPA ID: NCD003200383
Site ID: 0402647
Name: KOPPERS CO., INC. (MORRISVILLE PLANT)
Action Name: RECORD OF DECISION
Address: HWY 54 W
MORRISVILLE, NC 27560
EPA Region: 04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

County: WAKE
Event Code: Not reported
Inst. Control: Access Restriction
Actual Date: 12/30/1992
Comple. Date: 12/23/1992
Operable Unit: 01
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Latitude : Not reported
Longitude : Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP name: BEAZER EAST, INC.
BEAZER EAST, INC.
BEAZER EAST, INC.
BEAZER EAST, INC.
KOPPERS COMPANY, INC.
UNIT STRUCTURES, INC.

ICIS:

Enforcement Action ID: 04-2001-3768
FRS ID: 110007657696
Program ID: CERCLIS NCD003200383
Action Name: KOPPERS COMPANY, INC. (MORRISVILLE PLANT)(COST REC. AGMT.)
Full Address: KOPPERS RD MORRISVILLE NC 27560
State: North Carolina
Facility Name: BEAZER EAST INC RALEIGH SITE
Facility Address: KOPPERS RD
MORRISVILLE, NC 27560
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: WAKE
EPA Region #: 4

Enforcement Action ID: 04-2001-3768
FRS ID: 110007657696
Program ID: FRS 110007657696
Action Name: KOPPERS COMPANY, INC. (MORRISVILLE PLANT)(COST REC. AGMT.)
Full Address: KOPPERS RD MORRISVILLE NC 27560
State: North Carolina
Facility Name: BEAZER EAST INC RALEIGH SITE
Facility Address: KOPPERS RD
MORRISVILLE, NC 27560
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: WAKE
EPA Region #: 4

Enforcement Action ID: 04-1993-1133
FRS ID: 110007657696
Program ID: CERCLIS NCD003200383
Action Name: KOPPERS CO. INC. (MORRISVILLE PLANT)
Full Address: KOPPERS RD MORRISVILLE NC 27560
State: North Carolina

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Facility Name: BEAZER EAST INC RALEIGH SITE
Facility Address: KOPPERS RD
MORRISVILLE, NC 27560
Enforcement Action Type: Pre-Referral Negotiation
Facility County: WAKE
EPA Region #: 4
Enforcement Action ID: 04-1993-1133
FRS ID: 110007657696
Program ID: FRS 110007657696
Action Name: KOPPERS CO. INC. (MORRISVILLE PLANT)
Full Address: KOPPERS RD MORRISVILLE NC 27560
State: North Carolina
Facility Name: BEAZER EAST INC RALEIGH SITE
Facility Address: KOPPERS RD
MORRISVILLE, NC 27560
Enforcement Action Type: Pre-Referral Negotiation
Facility County: WAKE
EPA Region #: 4
Program ID: CERCLIS NCD003200383
Facility Name: BEAZER EAST INC RALEIGH SITE
Address: KOPPERS RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported
Program ID: FRS 110007657696
Facility Name: BEAZER EAST INC RALEIGH SITE
Address: KOPPERS RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported
Program ID: CERCLIS NCD003200383
Facility Name: BEAZER EAST INC RALEIGH SITE
Address: KOPPERS RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported
Program ID: FRS 110007657696
Facility Name: BEAZER EAST INC RALEIGH SITE
Address: KOPPERS RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

CONSENT:
EPA ID: NCD003200383
Site ID: Not reported
Case Title: U.S. V. BEAZER EAST, INC. (KOPPERS CO., INC. (MORRISVILLE PLANT) SITE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEAZER EAST INC (KOPPERS SUPERFUND SITE) (Continued)

1000346502

Court Num: 5-95-62
District: North Carolina,
Entered Date: 19950816
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MORRISVILLE	U001439013	FARM & CONSTRUCTION	RT 1 BOX 29	27560	UST
MORRISVILLE	U001438397	BUSHRANGER FENCE CO.	HIGHWAY 54 WEST	27560	UST
MORRISVILLE	S105218688	AVIATION PARKWAY/CARY OIL CO	AVIATION PARKWAY		LUST TRUST
MORRISVILLE	U001435074	ADAMS PRODUCTS CO.	P.O. BOX 189 - HIGHWAY 54 WEST	27560	UST

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

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

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 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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (404) 562-8651
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (404) 562-8651
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (404) 562-8651
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (404) 562-8651
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

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: 08/12/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Varies

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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	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: 06/22/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-267-2180
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011	Source: North Carolina Center for Geographic Information and Analysis
Date Data Arrived at EDR: 11/08/2011	Telephone: 919-754-6580
Date Made Active in Reports: 12/05/2011	Last EDR Contact: 07/29/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SHWS: Inactive Hazardous Sites Inventory

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: 05/19/2015	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 06/17/2015	Telephone: 919-508-8400
Date Made Active in Reports: 07/20/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

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

SWF/LF: List of Solid Waste Facilities

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: 06/24/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 06/29/2015	Telephone: 919-733-0692
Date Made Active in Reports: 07/20/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Semi-Annually

OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 03/27/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 04/17/2015	Telephone: 919-733-4996
Date Made Active in Reports: 04/30/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 08/07/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 08/12/2015	Telephone: 919-733-1308
Date Made Active in Reports: 09/15/2015	Last EDR Contact: 08/11/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 08/07/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 08/12/2015	Telephone: 877-623-6748
Date Made Active in Reports: 09/15/2015	Last EDR Contact: 08/11/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/23/2015
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 24

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
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
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
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
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 52

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/22/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

LUST TRUST: State Trust Fund Database

This database contains information about claims against the State Trust Funds for reimbursements for expenses incurred while remediating Leaking USTs.

Date of Government Version: 07/10/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/15/2015	Telephone: 919-733-1315
Date Made Active in Reports: 08/20/2015	Last EDR Contact: 07/15/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

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

UST: Petroleum Underground Storage Tank Database

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: 08/07/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 08/12/2015	Telephone: 919-733-1308
Date Made Active in Reports: 09/17/2015	Last EDR Contact: 08/11/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 04/14/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 06/23/2015	Telephone: 919-715-6183
Date Made Active in Reports: 07/17/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Semi-Annually

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: 07/22/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/22/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

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: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

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: 07/22/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2015
	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: 07/22/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/09/2015
	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: 07/31/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

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: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/22/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring

A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 05/19/2015	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 06/17/2015	Telephone: 919-508-8400
Date Made Active in Reports: 07/20/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 05/19/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 06/17/2015	Telephone: 919-508-8400
Date Made Active in Reports: 07/20/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually

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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liability control.

Date of Government Version: 07/02/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/09/2015	Telephone: 919-733-4996
Date Made Active in Reports: 07/17/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/22/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/24/2015	Telephone: 202-566-2777
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/24/2015
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 05/15/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 05/19/2015	Telephone: 919-707-8137
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/03/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Varies

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/13/2007	Telephone: 919-733-0692
Date Made Active in Reports: 03/02/2007	Last EDR Contact: 01/19/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: N/A
	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

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

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: 06/01/2015
Date Data Arrived at EDR: 06/02/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 106

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: No Update Planned

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.

Date of Government Version: 05/15/2015
Date Data Arrived at EDR: 06/02/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 106

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Quarterly

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: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
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: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

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: Spills Incident Listing

A listing spills, hazardous material releases, sanitary sewer overflows, wastewater treatment plant bypasses and upsets, citizen complaints, and any other environmental emergency calls reported to the agency.

Date of Government Version: 06/12/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 06/16/2015	Telephone: 919-807-6308
Date Made Active in Reports: 07/20/2015	Last EDR Contact: 06/11/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Varies

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 08/01/2006	Telephone: 919-733-3221
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 07/01/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/27/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 06/14/2001	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: (404) 562-8651
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/08/2015
Next Scheduled EDR Contact: 09/21/2015
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: N/A

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

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: 06/01/2015
Date Data Arrived at EDR: 06/02/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

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

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
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Every 4 Years

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
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

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: 07/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/14/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Quarterly

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: 07/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	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

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

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

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

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: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

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

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: 07/31/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
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
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
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
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-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

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014	Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/07/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/14/2015	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/03/2015	Telephone: 303-231-5959
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 09/01/2015
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 06/05/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/05/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

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: (404) 562-9900
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

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 04/22/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 08/04/2015	Telephone: 919-807-6359
Date Made Active in Reports: 09/15/2015	Last EDR Contact: 08/03/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/02/2015
Date Data Arrived at EDR: 06/25/2015
Date Made Active in Reports: 09/08/2015
Number of Days to Update: 75

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank 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: 08/13/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/15/2015
Number of Days to Update: 32

Source: Department of Environment & Natural Resources
Telephone: 919-733-1322
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

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: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/26/2012
Number of Days to Update: 23

Source: Department of Environmental & Natural Resources
Telephone: 919-508-8496
Last EDR Contact: 06/23/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 09/19/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/14/2014
Number of Days to Update: 25

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

General information regarding NPDES(National Pollutant Discharge Elimination System) permits.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 09/15/2015
Number of Days to Update: 40

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/15/2015
Number of Days to Update: 32

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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 Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
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 Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
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 Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/20/2013
Number of Days to Update: 172

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
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
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
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: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

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

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.

Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services
Telephone: 919-662-4499

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

State Wetlands Data: Wetlands Inventory
Source: Department of Environment & Natural Resources
Telephone: 919-733-2090

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix F: Supporting Documents



Title

PIN: 0736850004
Real Estate ID: 0059386
Map Name: 0736 03
Owner: RESEARCH TRIANGLE FOUNDATION OF NC
Mailing Address 1: PO BOX 12255
Mailing Address 2: DURHAM NC 27709-2255
Deed Book: 001670
Deed Page: 00239
Deed Date: 01/01/1965
Deeded Acreage: 676.07
Assessed Building Value: \$0
Assessed Land Value: \$19,148,715
Total Assessed Value: \$19,148,715
Billing Class: Business
Property Description: RESEARCH TRIANGLE PROPERTY
Heated Area: 0
Site Address: 7133 KIT CREEK RD
Township: Cedar Fork
Year Built: 0
Total Sale Price: \$0
Land Class: VACANT
Old Parcel Number: --



0 205 410 820 Feet
1 inch = 400 feet

Disclaimer

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NORTH CAROLINA

DURHAM AND WAKE COUNTIES

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THIS DEED made this the 30th day of September, 1965, by and between THE PINELANDS COMPANY, INC., a North Carolina corporation, party of the first part, and RESEARCH TRIANGLE FOUNDATION OF NORTH CAROLINA, a North Carolina non-profit corporation, party of the second part;

W I T N E S S E T H :

THAT WHEREAS, the party of the first part is a corporation organized and existing under the laws of the State of North Carolina; and

WHEREAS, said party of the first part has determined, by resolution of its Board of Directors with the approval of its stockholder, to liquidate and distribute its assets to its stockholder, and in conformity with such resolution, and in further consideration of One (\$1.00) Dollar in hand paid, the receipt of which is hereby acknowledged, the party of the first part has granted, bargained, sold and conveyed and by these presents does give, grant, bargain, sell and convey unto the party of the second part, its successors and assigns, all of those tracts or parcels of land located in Triangle Township (formerly Cedar Fork Township) Durham County and in Cedar Fork Township in Wake County, as shown on a plat and survey entitled "Research Triangle Park, Property of The Pinelands Company, Inc." dated January 3, 1961, by J. L. Castleberry, Jr., Registered Engineer, as revised by James F. Boney, Registered Engineer, dated September 30, 1965, the former map having been recorded in Book of Plats 36,

at Page 26 and 27, Durham County Registry, and Book of Maps 1961, Page 275 and 276, Wake County Registry; and the revised map being recorded in Book of Plats 52, Page 71 and 72 Durham County Registry, and Book of Maps 1965, Page 202, Wake County Registry, and more specifically being designated on the aforesaid revised map as the property of The Pinelands Company, Inc., and more particularly described on the aforesaid map as follows:

BEGINNING at a concrete monument marking the control point, said control point having North Carolina Grid Coordinates North 791,781.52 East 2,035,863.50, runs thence the following courses and distances:

North 3 degrees 17 minutes East 1106.88 feet;
 South 89 degrees 34 minutes West 297.26 feet;
 North 0 degrees 30 minutes East 2161.71 feet;
 South 89 degrees 03 minutes East 899.68 feet;
 South 88 degrees 32 minutes East 415.83 feet;
 South 1 degree 19 minutes West 1866.93 feet;
 South 88 degrees 44 minutes East 1812.08 feet;
 North 1 degree 11 minutes East 1372.05 feet;
 South 89 degrees 12 minutes East 2377.39 feet;
 North 0 degrees 44 minutes East 1006.26 feet;
 South 89 degrees 29 minutes East 516.9 feet;
 North 1 degree 44 minutes East 1395.44 feet;
 South 88 degrees 06 minutes East 103.3 feet;
 South 1 degree 44 minutes West 1395.4 feet;
 South 89 degrees 29 minutes East 516.1 feet;
 South 2 degrees 04 minutes West 872.63 feet;
 South 89 degrees 20 minutes East 962 feet;
 South 0 degrees 33 minutes West 952.10 feet;
 North 86 degrees 50 minutes East 173.74 feet;
 North 0 degrees 48 minutes East 131.35 feet;
 South 87 degrees 27 minutes East 395.37 feet to a point in the center line of the right of way of the Southern Railway Company; thence along the center of the said right of way line of the Southern Railway Company Southerly 4284.52 feet to a point; thence South 87 degrees 14 minutes East 820.59 feet; thence South 15 degrees 29 minutes East 119.77 feet; thence South 23 degrees 02 minutes West 125.17 feet; South 42 degrees 13 minutes West 309.45 feet; South 31 degrees 23 minutes West 156.20 feet; South 19 degrees 16 minutes West 107.12 feet; South 07 degrees 18 minutes West 203.03 feet; South 02 degrees 55 minutes West 336.53 feet; South 19 degrees 16 minutes East 30.5 feet; South 02 degrees 47 minutes West 165.70 feet; South 00 degrees 05 minutes East 160 feet;

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South 04 degrees 20 minutes East 150 feet;
 South 02 degrees 24 minutes East 86.04 feet;
 South 00 degrees 26 minutes West 341.95 feet;
 South 00 degrees 54 minutes East 57.99 feet;
 North 89 degrees 08 minutes West 386.15 feet;
 South 00 degrees 52 minutes West 616.62 feet;
 South 78 degrees 18 minutes East 378.80 feet;
 South 00 degrees 43 minutes West 1013.27 feet;
 South 09 degrees 41 minutes West 142.90 feet;
 South 06 degrees 04 minutes West 92.52 feet;
 South 11 degrees 37 minutes West 698.61 feet;
 North 86 degrees 34 minutes West 261.04 feet;
 South 00 degrees 43 minutes West 1013.27 feet;
 South 00 degrees 41 minutes East 207 feet;
 South 04 degrees 08 minutes East 207 feet;
 South 07 degrees 51 minutes East 158.75 feet;
 South 67 degrees 26 minutes East 100 feet, more or
 less, to the center line of the Southern Railway
 Company; runs thence along the center line of the
 Southern Railway Company in a southerly direction
 1750.79 feet to a point; thence North 86 degrees
 39 minutes West 110 feet; South 19 degrees 44 minutes
 East 561.47 feet; thence along a slight curve having
 a radius of 3090.44 feet, a distance of 737.16 feet;
 South 87 degrees 58 minutes East 110.50 feet to the
 center line of the Southern Railway Company; thence
 along the center line of the Southern Railway Company R/W
 in a southerly direction 1754.44 feet; thence
 North 87 degrees 16 minutes West 1574.38 feet;
 North 1 degree 34 minutes East 606.49 feet;
 North 89 degrees 06 minutes West 1766.21 feet;
 South 0 degrees 45 minutes West 169.04 feet to a
 point in the Northern right of way line of North
 Carolina Highway No. 54; thence along the Northern
 right of way line of North Carolina Highway No. 54
 North 59 degrees 49 minutes West 2138.43 feet;
 thence crossing the said right of way line of North
 Carolina Highway No. 54 to a point at the northwestern
 corner of the tract designated as "L" on the aforesaid
 revised map; thence along the Western boundaries of
 tracts designated as "L" and "M" due South 1978.42 feet;
 South 89 degrees 11 minutes East 1157.02 feet;
 North 0 degrees 21 minutes East 786.97 feet;
 South 89 degrees 32 minutes East 405.12 feet;
 South 0 degrees 33 minutes West 315.82 feet;
 South 86 degrees 44 minutes East 274.69 feet;
 South 73 degrees 55 minutes East 441.1 feet;
 South 64 degrees 58 minutes East 1257.58 feet to a
 point in the Southerly right of way line of North
 Carolina Highway No. 54; thence along the Southern
 right of way line of North Carolina Highway No. 54
 South 41 degrees 01 minute East 1722.61 feet; thence
 South 74 degrees 15 minutes West 458.53 feet;
 North 0 degrees 01 minutes East 250 feet;
 North 85 degrees 40 minutes West 2267 feet;

South 89 degrees 22 minutes West 1274.05 feet;
 North 89 degrees 44 minutes West 1446.75 feet;
 South 1 degree 28 minutes West 270.28 feet;
 South 19 degrees 20 minutes East 542.5 feet;
 South 19 degrees 58 minutes East 577.01 feet;
 South 24 degrees 18 minutes East 1050.90 feet;
 North 88 degrees 18 minutes West 550 feet;
 South 0 degrees 35 minutes West 922.88 feet;
 South 89 degrees 13 minutes East 747.45 feet to the
 center of a branch; thence along the meanderings of
 the branch in a Southerly direction 2288.17 feet; thence
 South 88 degrees 46 minutes West 844.20 feet;
 South 0 degrees 56 minutes East 2540.92 feet;
 South 88 degrees 39 minutes East 157.15 feet;
 South 86 degrees 52 minutes East 1264.40 feet;
 South 2 degrees 42 minutes East 1397.80 feet;
 South 2 degrees 58 minutes East 939.0 feet;
 North 87 degrees 56 minutes East 1142 feet;
 South 0 degrees 54 minutes West 19.8 feet;
 South 12 degrees 19 minutes East 144.89 feet to the
 center of Cow Lick Branch; thence along the center
 of Cow Lick Branch in a Southwesterly direction
 1462.5 feet; South 5 degrees 30 minutes East 481.59
 feet; North 83 degrees 35 minutes West 711.13 feet;
 South 6 degrees 51 minutes West 195.14 feet;
 South 84 degrees 00 minutes East 1421.14 feet;
 South 5 degrees 02 minutes West 1743.64 feet;
 South 14 degrees 46 minutes East 1338.49 feet;
 South 2 degrees 00 minutes West 629.42 feet;
 South 86 degrees 42 minutes West 1108.39 feet;
 North 3 degrees 19 minutes East 1658.87 feet;
 North 89 degrees 10 minutes West 1867.71 feet;
 South 10 degrees 21 minutes West 192.45 feet;
 North 84 degrees 53 minutes West 2713.40 feet;
 South 3 degrees 19 minutes West 810.24 feet;
 North 37 degrees 40 minutes West 315.55 feet;
 North 8 degrees 11 minutes West 450.80 feet;
 North 28 degrees 56 minutes West 141.71 feet;
 South 89 degrees 53 minutes West 56.75 feet;
 South 3 degrees 39 minutes East 519.79 feet;
 South 31 degrees 58 minutes West 55.05 feet;
 South 1 degree 37 minutes West 225.1 feet to the
 Northeastern line of the right of way of the Durham
 and Southern Railroad;
 thence along the Northeastern line of the Durham and
 Southern Railroad right of way in a northwesterly
 direction 2434.01 feet; thence
 North 23 degrees 41 minutes East 281.88 feet;
 North 65 degrees 33 minutes West 433.84 feet;
 South 13 degrees 29 minutes West 170.65 feet to the
 Northeastern line of the right of way of the Durham
 and Southern Railroad;
 thence along the line of the said Durham and Southern

Railroad in a Northwesterly direction 466.91 feet; thence
 North 89 degrees 38 minutes East 957.53 feet;
 North 0 degrees 38 minutes West 937.59 feet;
 North 89 degrees 26 minutes East 1098.14 feet;
 South 4 degrees 25 minutes West 835.93 feet;
 South 87 degrees 54 minutes East 843.04 feet;
 South 88 degrees 06 minutes East 1580.24 feet;
 North 6 degrees 21 minutes West 2020.23 feet;
 North 9 degrees 43 minutes West 356.51 feet;
 North 5 degrees 34 minutes West 2260.64 feet;
 North 28 degrees 43 minutes West 107.82 feet;
 South 50 degrees .03 minutes West 185.19 feet;
 South 11 degrees 44 minutes East 126.25 feet;
 South 60 degrees 10 minutes West 130.30 feet;
 South 89 degrees 52 minutes West 1716.82 feet;
 North 3 degrees 25 minutes West 1810.77 feet;
 North 88 degrees 06 minutes West 1914.10 feet to the
 center of a branch;
 thence along the center of a branch in a Southerly
 direction 637.30 feet; thence
 North 89 degrees 04 minutes West 331.13 feet to the
 line of the right of way of the Durham and Southern
 Railroad;

540 thence along the said line of the right of way of the
 Durham and Southern Railroad in a Northerly direction
 4892.13 feet; thence
 South 87 degrees 26 minutes East 142.3 feet;
 North 38 degrees 28 minutes West 81.8 feet to a point
 in the Eastern line of the right of way of Alston
 Avenue;
 thence along the Eastern line of the right of way of
 Alston Avenue in a Northerly direction 2735.67 feet; thence
 South 88 degrees 14 minutes East 866.21 feet;
 North 1 degree 20 minutes East 2533.03 feet;
 North 86 degrees 46 minutes West 22.85 feet;
 North 89 degrees 26 minutes West 150.49 feet;
 North 05 degrees 11 minutes East 2346.58 feet;
 South 71 degrees 16 minutes East 154.29 feet;
 North 05 degrees 11 minutes East 2149.93 feet;
 North 6 degrees 00 minutes East 207.51 feet;
 North 89 degrees 57 minutes West 5.13 feet;
 North 1 degree 16 minutes East 1230.64 feet;
 North 1 degree 06 minutes East 1872.99 feet;
 North 1 degree 24 minutes East 1403.47 feet;
 North 87 degrees 46 minutes West 361.81 feet to a
 point in the center of Northeast Creek;
 thence along the center of Northeast Creek in a
 Northerly direction 1106.22 feet; thence
 North 45 degrees 55 minutes West 555.69 feet;
 North 15 degrees 37 minutes East 776.84 feet to the
 center of Cornwallis Road;
 thence along the center of Cornwallis Road in an
 Easterly direction and along a slight curve to the
 South 1476.08 feet; thence

North 5 degrees 20 minutes East 1098.95 feet;
North 88 degrees 07 minutes West 516.96 feet to the
point and place of beginning.

Saving and excepting from the foregoing described tract
of land, the tracts designated on the above-mentioned
revised map dated September 30, 1965, which are shown
on said map not to be the property of the Grantor
and being designated on said map as tracts A, B, C,
D, E, F, G, H, I, J, K, L, M, N. and O.

The foregoing described property is the identical pro-
perty conveyed to The Pinelands Company, Inc. by Deeds
of record in Durham and Wake Counties as follows: (less
that heretofore conveyed)

Durham County

<u>Deed Book and Page of Registration</u>		<u>Date of Registration</u>	<u>Grantor</u>	
<u>Book</u>	<u>Page</u>			
1.	246	569	12/16/57	Harvey J. Rape and wife
2.	246	617	12/18/57	William Maughan and wife
3.	247	115	1/6/58	V. L. Pennell and wife
4.	247	577	2/5/58	J. M. Barbee (unmarried)
5.	247	627	2/10/58	Minnie Edwards (widow)
6.	247	669	2/12/58	J. W. Black and wife
7.	247	670	2/12/58	Charles W. Glosson and wife
8.	248	201	3/7/58	Rebecca Lowe Wagoner and husband
9.	249	728	5/26/58	M. Vance Pendergrass and wife
10.	248	739	4/14/58	E. B. Hopson and wife
11.	249	638	5/16/58	W. Claude Barbee and wife
12.	248	643	4/4/58	Bernice H. Roberts and wife
13.	249	605	5/15/58	Milton C. Walton and wife
14.	250	649	7/3/58	D. H. Stallings and wife 541
15.	250	108	6/4/58	Vallie Mayo and others
16.	248	641	4/4/58	W. H. Fletcher and wife

17.	249	446	5/5/58	Jodie H. Shipp and wife
18.	249	463	5/6/58	A. Lee Jones, Jr., and wife
19.	248	423	2/31/58	William Maughan and wife
20.	251	266	7/30/58	Margaret Williams Perry (Commissioner)
21.	250	122	6/5/58	Nommie D. Williams et als
22.	250	123	6/5/58	Rowland F. Williams and others
23.	253	205	10/30/58	J. O. Vickers and wife
24.	254	519	1/19/59	J. W. Black and wife
25.	254	559	1/21/59	A. C. Lowe and wife
26.	253	198	10/29/58	I. W. Bivins and wife
27.	252	470	9/29/58	Tommie Glenn and wife
28.	254	414	1/12/59	Robert D. Sherron (single)
29.	254	107	12/18/58	Harold D. Henderson (single)
30.	254	121	12/18/58	I. D. Teasley and wife
31.	254	122	12/18/58	James M. Moore and wife
32.	254	106	12/18/58	C. R. Lynch and wife
33.	253	60	10/17/58	J. J. Murray and wife
34.	255	480	2/26/59	Louis M. Bryan and wife
35.	255	493	2/27/59	O. W. Allen and wife
36.	255	552	3/4/59	W. H. Sexton
37.	256	58	3/18/59	Nannie M. Barbee (widow)
38.	256	693	4/27/59	B. B. Gunter and wife
39.	256	692	4/27/59	Robert E. Hurst, Jr., and wife
40.	256	590	4/22/59	J. L. O'Briant and wife
41.	256	627	4/24/59	C. L. Hopson and wife
42.	256	642	4/24/59	Ethel Hatley Hopson and Bobby LeRoy Hopson and wife

	43.	257	414	5/22/59	Arthur C. Lowe and wife
	44.	257	415	5/22/59	Cecil H. Scoggins and wife
	45.	257	460	5/25/59	C. C. Edwards and wife
	46.	257	152	5/7/59	M. V. Blackwood (widower) and William Sidney Blackwood (single)
	47.	(a) 255	361	2/19/59	O. L. Hopson and wife
		(b) 258	396	6/30/59	O. L. Hopson and wife
	48.	259	578	8/21/59	Artie E. High and wife
	49.	259	579	8/21/59	Ralph Patterson Gray and wife
542	50.	263	301	1/7/60	Garland M. Green and wife
	51.	248	51	2/24/58	Karl Robbins and others
	52.	255	360	2/19/59	E. B. Hopson
	53.	257	535	5/29/59	A. D. Edens
	54.	260	529	9/25/59	Lillie M. Mattox
	55.	261	47	10/2/59	Durham Realty & Insurance Company
	56.	261	469	10/29/59	Durham Realty & Insurance Company
	57.	262	684	12/15/59	Robert Lowe Barbee
	58.	273	161	2/1/61	A. M. Rigsbee and Lilia R. Rezner
	59.	274	86	3/14/61	Durham Realty & Insurance Company
	60.	291	354		Northwood Realty Company
	61.	314	121	8/10/65	Durham County Wild Life Club
	62.	313	504	7/26/65	James W. Wilkinson and wife
	63.			9/28/65	Southland Associates
	64.			9/30/65	Dora G. Jenkins et al

It is the intent of the Grantor that the foregoing description encompasses and includes all of the real property owned by the Grantor in Durham and Wake Counties including all right, title and interest in and to any easements, rights of ways and roadbeds which the Grantor may own.

But, this conveyance is made subject to such easements and rights of ways of record heretofore granted by the Grantor herein to the State Highway and Public Works Commission, Public Service Company of North Carolina and the Duke Power Company.

And this conveyance is further made subject to restrictive covenants contained in an instrument entitled "Amended Conditions, Covenants, Restrictions and Reservations Affecting the Property of The Pinelands Company, Inc." dated August 1, 1965, and recorded in Book 314, Page 94, Durham County Registry, and in Book 1663, Page 559, Wake County Registry.

And this conveyance is further made subject to the provisions of a Deed of Trust from The Pinelands Company, Inc. to State Capital Life Insurance Company, Trustee, said Deed of Trust being recorded in Book 664, Page 704, Durham County Registry, and recorded in Book 1448, Page 395, Wake County Registry.

TO HAVE AND TO HOLD the aforesaid parcels of land and all privileges and appurtenances thereunto belonging to the said Grantee, its heirs, or successors and assigns forever.

And the said Grantor, for itself, its successors and assigns, covenants with the Grantee, its heirs, or successors, and assigns that it is seized of said premises in fee and has the right to convey the same in fee simple; that the same is free from encumbrances except for such liens and encumbrances hereinabove set forth;

and that it will warrant and defend the said title to the same against the claims of all persons whomsoever.

IN TESTIMONY WHEREOF, the said Grantor has caused this instrument to be signed in its corporate name by its _____ President, its corporate seal hereunto affixed, and attested by its _____ Secretary, by order of its Board of Directors, this the day and year first above written.



THE PINELANDS COMPANY, INC.

BY: _____

President

Elizabeth J. Rycock
Secretary

NORTH CAROLINA

This is to certify that on the 30th day of September, 1965, before me personally came George D. Moore, Jr. President, with whom I am personally acquainted, who, being by me duly sworn, says that he is the _____ President, and Elizabeth J. Byrnes is the _____ Secretary of THE PINELANDS COMPANY, INC. the corporation described in and which executed the foregoing instrument; that he knows the common seal of said corporation; that the seal affixed to the foregoing instrument is said common seal, and the name of the corporation was subscribed thereto by the said _____ President, and that the said _____ President and _____ Secretary subscribed their names thereto, and said common seal was affixed, all by order of the Board of Directors of said corporation, and that the said instrument is the act and deed of said corporation.

Witness my hand and official seal this the 20th day of September, 1965.

Maxine J. Bandy
 Notary Public
 Formerly: Maxine J. Mahoney
 My Commission Expires: November 17, 1965



North Carolina, Durham County.
 The foregoing certificate of Maxine J. Bandy Notary Public of Durham County, is adjudged to be correct. Let this instrument with all certificates be registered.
 This 24 day of Oct. 1965
Marion Swiggert
 Clerk Superior Court

NORTH CAROLINA DURHAM COUNTY
 Filed for registration at 12 o'clock PM
 OCT - 7 1965 1965 and registered in the office of the Register of Deeds for Durham County in Book 315 Page 537 through 544
 OCT - 7 1965 1965
Elizabeth Byrnes
 REGISTER OF DEEDS

The foregoing certificate(s) of: Maxine J. Bandy NORTH CAROLINA—Wake County. FORM 2

_____ a Notary Public of Durham County, State of N.C.
 _____ a Notary Public of _____ County, State of _____
 _____ a Notary Public of _____ County, State of _____
 _____ a Notary Public of _____ County, State of _____
 _____ a Notary Public of _____ County, State of _____
 _____ a Notary Public of _____ County, State of _____

is (are) adjudged to be correct.
 Let the said deed and certificate(s) be registered. Witness my hand this 11 day of Oct., 1965.
 Probate Fee 25c paid Deputy Clerk Superior Court. Alice A. Perry

Filed for registration on the _____ day of OCT 11 1965, at 4:00 o'clock P. M., and duly recorded in the office of the Register of Deeds of Wake County, N. C., in Book 1670, Page 239.
 Fee \$ 11.75 paid _____
 By Daisy D. Sherwood
 Deputy Register of Deeds



Environmental Scientist

phughes@fandr.com



Paul Hughes is an Environmental Scientist with over four years of experience in providing hundreds of Phase I Environmental Site Assessments in accordance with ASTM 1527-05 and 1527-13 and Transaction Screens; wetland delineations, asbestos, mold and lead-based paint inspections; compliance with National Environmental Policy Act (NEPA), Food Security Act and National Historic Preservation Act; and daily project management of environmental investigative studies and assessments. Prior to joining F&R, Mr. Hughes had the opportunity to work for the United States Department of Agriculture Natural Resources Conservation Service. During his time with the USDA-NRCS, Mr. Hughes provided technical assistance to land users to treat natural resource problems. This was accomplished through engineering surveys, designs, and construction checks. Additionally, he assisted with gathering pertinent data on soils, and vegetation for developing plans for treating natural resource problems, as well as swamp buster compliance determinations in accordance with the Food Security Act of 1985.

Education

B.S., Conservation Science,
Muskingum College, 2006

Registrations

- N.C. Licensed Asbestos Supervisor
- N.C. Licensed Asbestos Monitor
- N.C. Division of Water Quality Surface Water Identification and Training Course
- 40 Hour HAZWOPER Environmental Due Diligence Principles & Practice
- NRCS Grasses, Sedges and Rushes Workshop
- Hydrology Tools for Wetland Restoration and Determination
- Concrete Fundamentals Cultural Resources Training Series, Part 1
- Introduction to Conservation Forestry Planning
- Environmental Compliance for Conservation Assistance (EC level 1)
- ODNR Technician Development Program 1
- Ohio NRCS Wetland

Years of Experience

4 Years with F&R
7 Years Total

Relevant Experience

Various Commercial Banking Companies

Nationwide

Mr. Hughes has performed and managed over 100 Phase I Environmental Site Assessments (ESAs) on a variety of residential, commercial, and industrial properties spanning several states. These services included reconnaissance of the site and adjoining properties, interviews, and review of historical records and regulatory databases and files in an effort to identify evidence of recognized environmental conditions in connection with the site. The majority of these assessments also addressed business environmental risk concerns such as asbestos, lead-based paint, mold, erosion and sediment control issues and wetlands.

Wetland Delineations

Various sites

Assists in performing wetland delineation and stream assessments on properties throughout North Carolina and Virginia.

Wood Fuels

Cherryville, North Carolina

Assisted in completing an Environmental Site Assessment and an Environmental Assessment for this industrial project. As part of the Environmental Assessment, potential wetland impacts, threatened & endangered species, and historic preservation reviews were performed.



Elias N. Ruhl
Environmental Scientist
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Education

B.S., Biology, Barton College,
2004

Registrations

NCSU & NC DWQ –
Intermittent and Perennial Stream
Identification for Riparian Buffer
Rules Certification

NCSU Wetland Identification &
Delineation Certification

USFWS & NC DENR Rare Plant
Identification Workshops

OSHA Health & Safety Training (per
29 CFR 1910.120)

EPA Accredited Asbestos Inspector

HUD Certified Lead Renovator

Professional Affiliations

Society of Wetland Scientists

North Carolina Association of
Environmental Professionals

Years of Experience

11 Years with F&R
11 Years Total

Mr. Ruhl has been a member of the environmental staff of the F&R Raleigh office since May 2004. He is the Environmental Department Manager. His primary duties include Environmental Risk Management, project oversight, proposal preparation, report review, coordinating and supervising environmental staff & subcontractors, and providing technical expertise for projects involving compliance with Sections 401 & 404 of the Clean Water Act. Other responsibilities include project management, Phase I and Phase II Environmental Site Assessments, and groundwater monitoring and sampling.

Mr. Ruhl has performed jurisdictional wetland & stream delineations on a wide variety of projects throughout the southeastern United States; he is also proficient with GIS/GPS applications and provides oversight and technical expertise for projects involving compliance with Section 7 of the Endangered Species Act, and Section 106 of the National Historic Preservation Act.

Relevant Project Experience

Stream and Wetland Delineation – Identified, classified, and delineated streams and wetlands subject to federal, state, and/or local government jurisdiction; conducted regulatory concurrence and approval; completed necessary regulatory agency permitting for utility lines, commercial sites, and residential sites throughout North Carolina.

Residential and Commercial Development – Prepared Phase I and Phase II Environmental Site Assessments, wetlands identification and delineation, wetlands section 401 and 404 permitting, informal cultural and archeological consultation, and informal threatened and endangered protected species consultation for projects throughout North Carolina.

Wake County Public School System; Annual Environmental Contract – Mr. Ruhl has been involved in numerous WCPSS projects, providing Phase I Environmental Site Assessments; Phase II ESAs; underground storage tank closures; wetland, stream, and buffer delineations and permitting; and Environmental Assessments.

Industrial Site Development – Performed Phase I and Phase II Environmental Site Assessments, wetland identifications and delineations, informal threatened & endangered species surveys and historical & archeological resources surveys for industrial development and redevelopment projects.