

FEASIBILITY STUDY

FS-0204E

WIDENING OF SR 1001 (LAMM ROAD)
FROM US 264 (ALT) TO INTERNATIONAL BOULEVARD

WILSON COUNTY, NORTH CAROLINA

NCDOT DIVISION 4



A handwritten signature in black ink, reading "Derrick W. Lewis", written over a horizontal line.

DERRICK W. LEWIS, P.E.
FEASIBILITY STUDIES UNIT
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

A handwritten date "7/16/10" in black ink, written over a horizontal line.

DATE

PREPARED BY:
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A handwritten signature in blue ink, reading "Meredith H. Van Duyn", written over a horizontal line.

MEREDITH H. VAN DUYN, P.E.
PROJECT ENGINEER, KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten date "7/15/10" in blue ink, written over a horizontal line.

DATE

A handwritten signature in blue ink, reading "M. S. West", written over a horizontal line.

MATTHEW S. WEST, P.E., AVS
PROJECT MANAGER, KIMLEY-HORN AND ASSOCIATES, INC.

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DATE



Table of Contents

I. General Description	1
II. Background and Need for the Project	1
III. Traffic and Safety	1
IV. Description of the Widening Alternative	6
V. Community Issues	6
VI. Natural Environment Issues	7
VII. Recommendations / Additional Comments	10

Tables

Table 1 - Mainline Level-of-Service Summary

Table 2 - Intersection Level-of-Service Summary

Table 3 - Lamm Road Intersections: Crash Summary (August 2005 – June 2008)

Table 4 - Lamm Road Intersections Crash Frequency by Type

Figures

Figure 1 – Vicinity Map

Figure 2 – Project Location Map

Figure 3 – Traffic Forecast

Figure 4 – Recommended Lane Geometry (with Existing Lanes and Traffic Control)

Figure 5 – Typical Sections and Functional Roadway Designs

Figure 6 – Minority Populations

Figure 7 – Hispanic Populations

Figure 8 – Low-Income Populations

Figure 9 – Natural Resources

Appendix

Environmental Data Resources Report



I. General Description

This feasibility study describes the proposed improvements to SR 1001 (Lamm Road) in Wilson County. The project extends from US 264 (Alt) to International Boulevard, a distance of 2.3 miles, and is shown in Figure 1 (Vicinity Map) and Figure 2 (Project Location Map). The typical section proposed for this project is a 23-foot median-divided, four-lane roadway with 12-foot travel lanes and curb and gutter.

The purpose of this study is to describe the proposed project, including estimated cost, and to identify potential problems that may require consideration in the planning and design phases. As the initial step in the planning and design process for this project, this report is not the product of exhaustive environmental or design investigations.

II. Background and Need for the Project

The purpose of this project is to encourage economic development by providing a roadway corridor with increased capacity and improved geometry to serve the industrial sites in the project study area. This project is listed as FS-0204E in the North Carolina Department of Transportation (NCDOT) *2009-2015 State Transportation Improvement Program (STIP)*. It is Priority #3 on the City of Wilson's "Approved Unfunded Projects" list, with a note that it is needed to serve future industrial customers in this area (Corporate Park) and is currently a heavily-traveled corridor for Hunt High School students. (Hunt High School is located at 4559 Lamm Road, 0.8-mile south of International Boulevard.) This project is Priority #8 on the Upper Coastal Plain Rural Planning Organization's Priority List of Current STIP Projects.

Lamm Road is designated as a local minor collector in the North Carolina Statewide Functional Classification System (April 2009). It is not designated as a Strategic Highway Corridor. It is currently a two-lane shoulder section with a pavement width of 22 feet from edge of pavement to edge of pavement. It is predominantly bordered by farmland/wooded, residential, and industrial parcels. Lamm Road crosses the Norfolk Southern Railroad (leased by Carolina Coastal Railway) in the project study area at milepost NS 189.75. There are no other STIP projects in the project study area.

III. Traffic and Safety

There is one signalized intersection within the proposed project limits, located at the intersection of Lamm Road and US 264 (Alt). The estimated 2008 Average Daily Traffic (ADT) along the corridor ranges from 1,600 vehicles per day (vpd) from the Jonesey Road area to the southern terminus of the project corridor to 2,700 vpd near the intersection of Lamm Road and US 264 (Alt). For the design year (2035) ADT, the traffic volume along Lamm Road is estimated to range between 7,000 to 8,600 vpd. Truck traffic (TTSTs) is estimated to be approximately six percent of the daily traffic.



FEASIBILITY STUDY - SR 1001 (LAMM ROAD)

Capacity analyses were performed for the intersections in the study area on Lamm Road. Mainline and intersection analyses were completed using the 2008 Existing and 2035 Design Year traffic projections provided by the NCDOT Transportation Planning Branch to determine existing and projected intersection and Y-line operations on this corridor. The traffic forecast for this project is shown in Figure 3.

Analyses were performed for the following scenarios: 2008 Existing traffic conditions with existing lanes, 2008 Existing traffic conditions with proposed multi-lane section and recommended improvements, 2035 Design Year conditions with the existing lanes, and 2035 Design Year conditions with the proposed multi-lane section and recommended improvements. A total of five (5) key intersections located along Lamm Road were evaluated for proposed improvements. The study intersections are listed below, and these roadways are shown in Figure 2.

- SR 1001 (Lamm Road) at US 264 (ALT)
- SR 1001 (Lamm Road) at SR 1155 (Jonesey Road)
- SR 1001 (Lamm Road) at SR 1217 (Mamie Road)
- SR 1001 (Lamm Road) at Corporate Parkway (Proposed)
- SR 1001 (Lamm Road) at International Boulevard

Level-of-service (LOS) is a measure used to describe operational conditions on a roadway segment, ramp junction, or at an intersection. The grades for LOS range from A through F and are based on average vehicle delay with respect to intersections, or vehicular density with respect to roadway segments. LOS D is the typical target threshold for urban settings during the peak hours of operation. LOS E and F represent near failing and failing conditions respectively, and may occur frequently in urban conditions during peak hours. LOS values are most important at signalized intersections, since adjustments to timing and lane geometry have the potential to alleviate problems and distribute delay more evenly over all approaches. Poor LOS values at unsignalized intersections that do not warrant a signal may be more difficult to improve. The AM peak hour typically falls between 7:00 AM and 9:00 AM, and the PM peak hour typically falls between 4:00 PM and 6:00 PM. An analysis of both the AM and PM periods was performed to capture the expected worst case condition.

Highway Segment Level-of-Service Analysis

Highway Capacity Software[®] (HCS2000) was used to compute level-of-service (LOS) and other performance measures for the roadway segments along the study corridor. Mainline volumes along SR 1001 (Lamm Road) ranged from 1,600 to 2,700 vpd in 2008. It is estimated that volumes for 2035 will range from 7,000 to 8,600 vpd. With the existing lane geometry, the mainline is projected to operate at LOS D in 2008 and LOS E in 2035 at respective volume-to-capacity (V/C) ratios 0.10 and 0.31 during the peak period. With the proposed four-lane, median-divided section in place, the mainline is expected to operate at LOS A with both existing (2008) traffic and Design Year (2035) traffic throughout the corridor. Table 1 outlines the mainline analysis results. Existing lane geometry, recommended geometry, and traffic control conditions are shown for the study intersections in Figure 4.

Table 1 Mainline Level-of-Service Summary SR 1001 (Lamm Road) – Peak Direction		
Condition	No Build 2-lane section	Build 4-lane section
	LOS	LOS
Existing (2008) Traffic	D	A
Design Year (2035) Traffic	E	A

Peak Hour Intersection Level-of-Service Analysis

Intersection analyses were performed in Synchro[®] (Version 7-Build 761) to determine LOS and delay for each study intersection under Existing and Design Year scenarios. The general assumptions included existing signal timing and phasing for Base Year 2008. Table 2 provides the results of the intersection analyses. Based on the methodology used by Synchro[®], the median width for Lamm Road was set to 25 feet to facilitate a median storage value of one vehicle for the corridor. The median width in the proposed design is expected to be 23 feet wide but will provide the analyzed storage.

Synchro[®] queue analysis was used to evaluate the average and 95th percentile queue lengths at the study intersections. In addition, the data was transferred to SimTraffic[®] to create a representative simulation of traffic conditions. The simulation helped to identify areas where queuing, congestion, and speed reductions would present potential problems at the network level, as opposed to intersection performance alone, including the appropriateness of recommended storage lengths. Turn bay length recommendations were developed based on a comparison of the queue lengths reported in Synchro and SimTraffic.¹

¹ 95th percentile queue length (average queue length experienced with 95th percentile traffic arriving) was used to determine storage lengths. When 95th percentile traffic volumes at an intersection exceed capacity, the queue shown will rarely be exceeded and is acceptable for the design of storage bays (*Synchro 7 User Guide*, 2006).



Table 2 - Intersection Level-of-Service Summary				
Condition	No Build – LOS (Delay in seconds)		Build – LOS (Delay in seconds)	
	AM Peak-Hr	PM Peak-Hr	AM Peak-Hr	PM Peak-Hr
SR 1001 (Lamm Road) & US 264 (ALT) - Signalized				
Existing (2008) Traffic	C (29.4)	C (28.8)	B (14.5)	B (14.2)
Projected (2035) Traffic	E (79.0)	F (86.3)	C (26.5)	C (26.2)
SR 1001 (Lamm Road) & SR 1155 (Jonesey Road) - Unsignalized EB Approach				
Existing (2008) Traffic	A (9.1)	A (9.1)	A (9.0)	A (9.0)
Projected (2035) Traffic	B (13.0)	B (12.7)	B (10.9)	B (10.6)
SR 1001 (Lamm Road) & SR 1217 (Mamie Road) – Unsignalized EB Approach				
Existing (2008) Traffic	A (9.1)	A (9.1)	A (9.0)	A (9.0)
Projected (2035) Traffic	B (13.0)	B (12.7)	B (10.9)	B (10.6)
SR 1001 (Lamm Road) & Corporate Parkway (Proposed) – Unsignalized				
Existing (2008) Traffic	N/A	N/A	N/A	N/A
Projected (2035) Traffic	N/A	N/A	B (10.8)	B (11.0)
SR 1001 (Lamm Road) & International Boulevard – Unsignalized				
Existing (2008) Traffic	A (9.5)	A (9.4)	A (9.6)	A (9.6)
Projected (2035) Traffic	C (20.8)	C (18.0)	C (17.2)	C (15.6)

Crash Data

There are several criteria by which the relative safety of a roadway intersection is measured. These criteria are based on vehicle crash statistics for the facility. Crash rates at intersections are calculated in terms of crashes per 100 million vehicles entering (100MVE). The intersections of Lamm Road at US 264 (Alt), Jonesey Road, Mamie Road, and International Boulevard are included in the study area. A review of the three-year crash data from August 2005 through July 2008 revealed a total of eight crashes at these intersections. As shown in Table 3, two crashes resulted in injuries, and six crashes resulted in property damage only. Seven of the eight crashes occurred at the intersection of Lamm Road and US 264 (Alt). Both of the injuries reported also occurred at this site. The crash rate is slightly higher at the intersection of Lamm Road and International Boulevard due to the lower number of vehicles entering the intersection. Due to the relatively low number of crashes at intersections in the study area, in-depth statistical analysis is not warranted.



Table 3 Lamm Road Intersections: Crash Summary <i>August 2005-July 2008</i>								
Roadway Segment	Total Crashes	Crash Rate*	Crash Occurrences					Severity Index**
			Fatal	A	B	C	PDO	
US 264	7	38.71	0	0	1	1	5	3.11
Jonesey Road	0	0.00	0	0	0	0	0	--
Mamie Road	0	0.00	0	0	0	0	0	--
International Boulevard	1	45.62	0	0	0	0	1	1.00
Totals	8	32.76	0	0	1	1	6	2.85

*Rate = Crashes per 100 Million Vehicles Entering

**Severity Index = $(76.8*(F+A) + 8.4*(B+C)+PDO)/TOTAL\ CRASHES$

Table 4 Lamm Road Intersections Crash Frequency by Type <i>August 2005-July 2008</i>				
Roadway Segment	Crash Type			
	Angle	Sideswipe	Left Turn	Rear End
US 264	2	1	2	2
Jonesey Road	0	0	0	0
Mamie Road	0	0	0	0
International Boulevard	1	0	0	0
Totals	3	1	2	2



According to Table 4, three of the eight crashes at study area intersections were angle crashes. The next-highest types were left turn (two crashes) and rear end (two crashes). The remaining crash was categorized as a sideswipe.

IV. Description of the Widening Alternative

NCDOT proposes to widen Lamm Road to a four-lane, 23-foot median-divided roadway with curb and gutter. The proposed typical section and widening are shown on Figure 5. With this proposed widening, it is possible that there will be one residence and no businesses relocated due to this project. The total cost of this project, including right of way, utility relocation, and construction, is estimated to be \$18,100,000.

Right of Way	\$ 2,800,000
Utility Relocation	\$ 600,000
<u>Construction</u>	<u>\$14,700,000</u>
TOTAL	\$18,100,000

Based on the NCDOT Rail Division's *Grade Separation Guidelines* (dated December 1994), an exposure index should be used to assess the treatment of highway-railroad separation needs. The exposure index is the product of the number of trains per day and the projected average daily highway traffic at the end of the design period. Unless information to the contrary is available, such as pending abandonment of the railroad, the number of trains at the end of the design period should be assumed to be the same as at present. There are currently two trains per day at maximum on the Norfolk Southern / Carolina Coastal Railway crossing Lamm Road. At this location, the 2035 ADT is projected to be 7,000 vehicles per day. Using the NCDOT formula, the exposure index at this location is 14,000. According to the *Guidelines*, separations should be constructed in rural areas when the exposure index is 15,000 or more, and 30,000 or more in urban areas. For this project, a new railroad signal with gates is recommended and included in the cost estimate.

V. Community Issues

A detailed community impact investigation was not conducted for this feasibility study. The following sections describe the community issues in the study area.

Community Facilities

There are no schools, parks, or recreation areas along the project corridor. New Beginnings Community Church is located at 5334 Lamm Road, and Milbournie Free Will Baptist Church is located 5106 Raleigh Road Parkway West (US 264 Alt).

Social and Economic Data

Executive Order 12898 requires that federal agencies identify and address disproportionately high and adverse effects of federally funded projects on minority and low-income populations. Census data (2000)



FEASIBILITY STUDY - SR 1001 (LAMM ROAD)

at the block level for Wilson County was downloaded from the United States Census Bureau to obtain information on population characteristics in the study area. Minority population characteristics are included in Figure 6. Minorities (any race other than “white”) in block groups closest to the study area account for twenty percent (20%) of the population, with higher concentrations between Lamm Road and Saint Rose Church Road. Hispanic population characteristics are included in Figure 7. Within the study area, three percent (3%) of the population is classified as Hispanic (any race), with higher concentrations (10% - 30) north of Jonesey Road, adjacent to the railroad tracks, and southeast of I-95. Figure 8 includes information on the percent of households earning \$25,000 or less in income each year. Within the project area, approximately eighteen percent (18%) of the population earns less than \$25,000 per year.

Historic Properties

As part of the environmental screening process, the North Carolina State Historic Preservation Office (SHPO) was contacted to determine if any historic resources on the National Register of Historic Places or state lists exists within the proposed project corridor. No historical or archaeological resources are present within the project corridor (direct communication with Susan Myers, and SHPO database review, 09/30/08).

VI. Natural Environment Issues

The following is a preliminary review of the environmental issues that may have a potential impact to the project. The information obtained for the environmental screening is readily available from agency databases. No survey work other than a field investigation on August 14, 2008 was conducted for this study. The purpose of the environmental screening is to identify potential environmental issues early in the planning process. Natural resources are shown in Figure 9.

Streams and Water Quality

The project corridor is located within the Neuse River Basin in the U.S. Geological Survey [USGS] Hydrologic Unit 03020203. Streams within the project corridor are part of the Shepards Branch watershed. Shepards Branch flows south to Contentnea Creek. Shepards Branch is classified as Class WS/IV and Nutrient Sensitive Waters. Class WS/IV waters are used as sources of water supply for drinking, culinary, or food processing purposes where a WS/I, II or III classification is not feasible. These waters are also protected for Class C uses (such as boating, wading, or fishing). Class WS/IV waters are generally in moderately to highly developed watersheds or Protected Areas. Nutrient Sensitive Waters (NSW) are a supplemental classification intended for waters needing additional nutrient management due to being subject to excessive growth of microscopic or macroscopic vegetation (NCDWQ, 2007). Sources of water pollution that preclude any of these uses on either a short/term or long/term basis are considered to be violating water quality standards. There are four potential stream crossings within the project corridor based on field inspections and NCDWQ database review.



Wetlands

Six potential wetland crossings were identified from the field inspections and the National Wetland Inventory (NWI) mapping database review. Based on preliminary database reviews, these systems are believed to be characterized as palustrine, forested, broad/leaved, deciduous systems that are typically temporarily flooded (PFO1A).

Floodplains

A review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Panel No. 3720279200J and 3720279300J for Wilson County, North Carolina (map effective date 11/03/2004) showed that the proposed project corridor is located in Zone X, areas determined to be outside of the 0.2% annual chance floodplain (100-year floodplain) that are determined in the Flood Insurance Study by detailed methods of analysis.

Threatened and Endangered Species

The U.S. Fish and Wildlife Service (USFWS) database for federally threatened and endangered species was reviewed for Wilson County, North Carolina (USFWS, most recent update 1/31/08, checked 11/11/09). The red-cockaded woodpecker (*Picoides borealis*), Dwarf wedgemussel (*Alasmidonta heterodon*), and Michaux's sumac (*Rhus michauxii*) are listed as endangered for Wilson County, North Carolina. The North Carolina Natural Heritage Program (NCNHP) database was reviewed (09/30/08) to determine which if any of the federally listed species for Wilson County occurred within the proposed project corridor. No occurrences of protected species are documented for areas within the project corridor.

During field inspections (08/14/08), the project corridor was surveyed for suitable habitat for the red-cockaded woodpecker, Dwarf wedgemussel, and Michaux's sumac. Suitable habitat was observed for Michaux's sumac in regularly maintained roadside areas along the project corridor.

Suitable habitat for the red-cockaded woodpecker and Dwarf wedgemussel was observed to be poor. A survey for these species should be completed during preparation of any environmental assessment, and if these species are found to be present, additional investigations should be taken.

Permitting Requirements

- Section 401 General Water Quality Certification – A Section 401 General Water Quality Certification will be required for any activity that may result in a discharge into “Waters of the United States” or for which an issuance of a federal permit is required. The issuance of a required Section 401 certification is a prerequisite to the issuance of a Section 404 permit. If project impacts exceed the NWP impact thresholds, an Individual Section 401 Water Quality Certification will be required.



- Section 404 (Impacts to “Waters of the United States”) – Impacts to “Waters of the United States” (including wetlands, streams, and ponds that are hydrologically connected to a navigable water) come under the jurisdiction of the U.S. Army Corps of Engineers (USACE). Discharges of dredge or fill material into jurisdictional wetlands, streams, or open waters associated with the construction of the roadway project will require a Section 404 permit from the USACE. The Nationwide Permit (NWP) 14 (Linear Transportation Projects) may cover the impacts to the jurisdictional streams within the project study area. Final determination of permit applicability lies with the USACE and N.C. Division of Water Quality (DWQ).
- Neuse Riparian Buffer Rules – The Nutrient Sensitive Waters Management Strategy for the Protection and Maintenance of Riparian Buffers (15A NCAC 2B.0233) provides a designation for uses that cause impacts to riparian buffers within the Neuse River Basin. The rule applies to a 50-foot wide riparian buffer (measured perpendicular to the stream from the top of bank on either side of the stream) directly adjacent to surface waters in the Neuse River basin, excluding jurisdictional wetlands regulated under Section 404 of the Clean Water Act. Riparian buffers will be required adjacent to streams that appear on the USGS Topographic Quadrangles or USDA (Soil Conservation Service) Soil Survey of Wilson County soil maps.

Hazardous Materials

A search of environmental database records within a 0.25 to 1.0-mile radius of the project study corridor was performed by Environmental Data Resources (EDR) and is included in the Appendix. This information was reviewed to obtain an understanding of any releases of regulated substances or petroleum products that may have occurred on or near the project study corridor.

The EDR report includes a search of state and federal databases, including the National Priority List (NPL), Proposed and Delisted NPL Sites, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Plan (NFRAP), Resource Conservation and Recovery Act (RCRA) Treatment Storage and Disposal facility (RCRA TSD), RCRA Corrective Action List (RCRA COR), RCRA generator list (RCRA GEN), Brownfield Management System (BMS), Federal Engineering and Institutional Controls (IC/EC), Emergency Response Notification System (ERNS), Tribal Lands (DOI/BIA), State/Tribal Sites, State Spills 90, State/Tribal Solid Waste Facilities (SWF), State/Tribal Leaking Underground Storage Incident Reports (LUST), State/Tribal Registered Underground and/or Aboveground Storage Tanks (UST/AST), State/Tribal IC, State/Tribal Brownfields, Historic Landmarks, Radon, Other State facilities, and North Carolina Dry-Cleaning Solvent Cleanup Act Program (DSCA).

One site was identified in the EDR database search report. Merck Manufacturing Division, a pharmaceutical company, was listed on the federal CORRACTS database. CORRACTS is a list of handlers with RCRA (large quantity generators of hazardous materials) Corrective Action Activity. A leaking underground storage tank was reported in 1988 resulting in groundwater and soil contamination. In addition, the facility has received a number of violations from 1992 through 2007. Merck Manufacturing Division is located between 0.7 and 0.8 miles from the project corridor along Merck Road. Due to the distance from the project corridor, no further action is recommended regarding this facility.



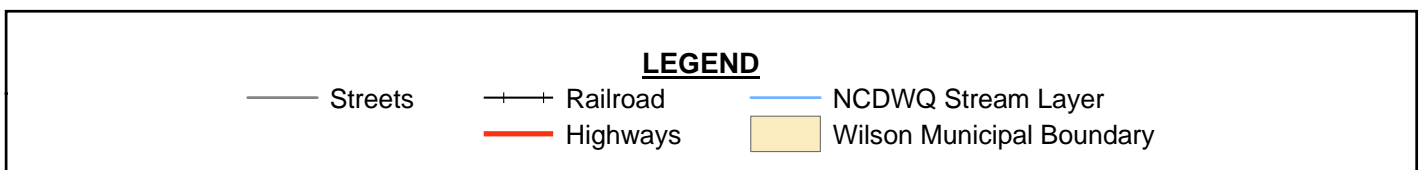
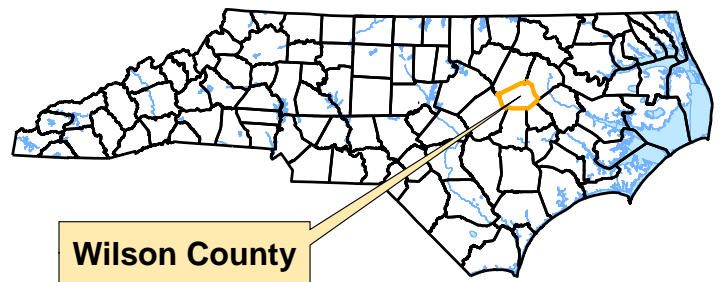
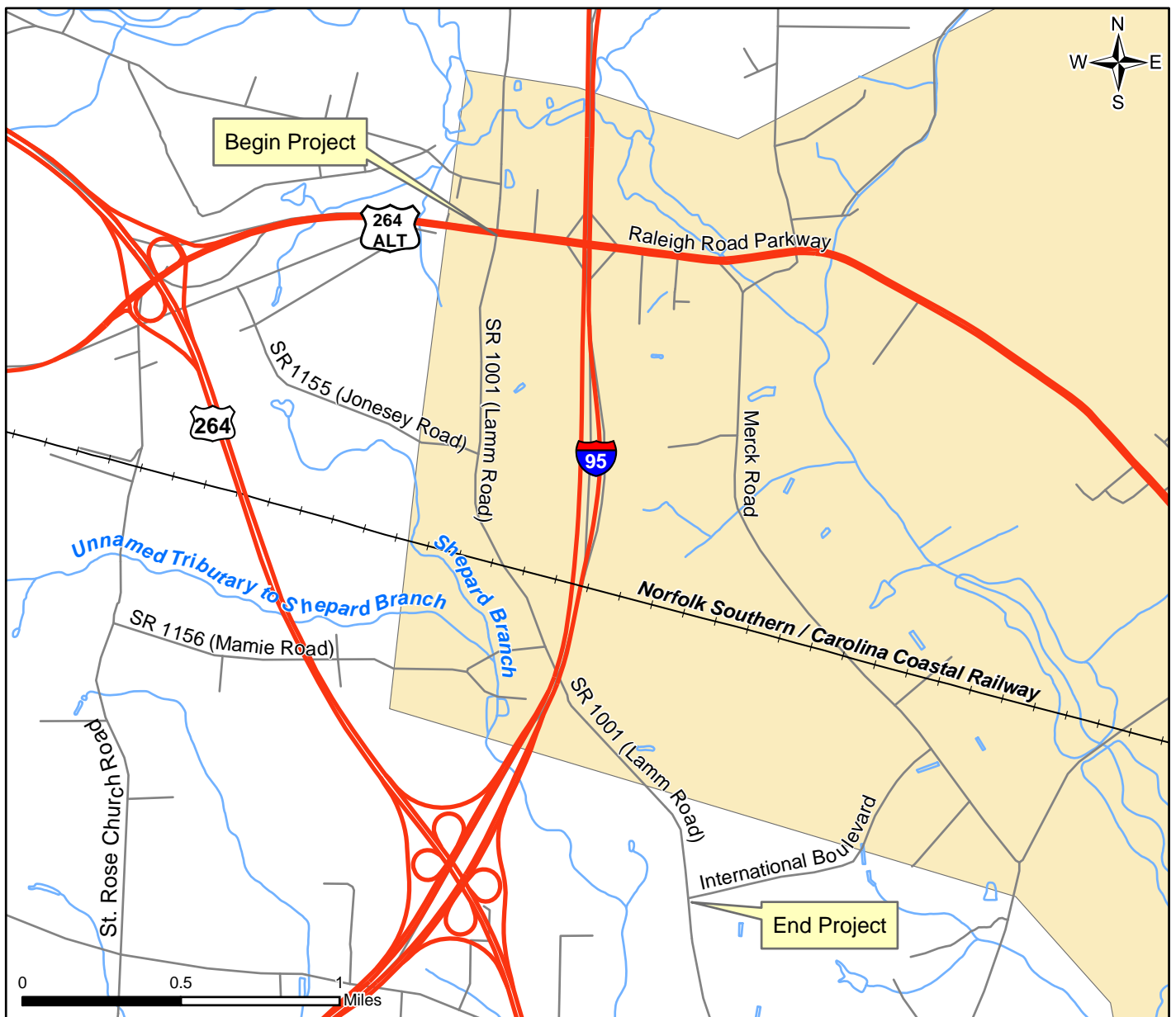
FEASIBILITY STUDY - SR 1001 (LAMM ROAD)

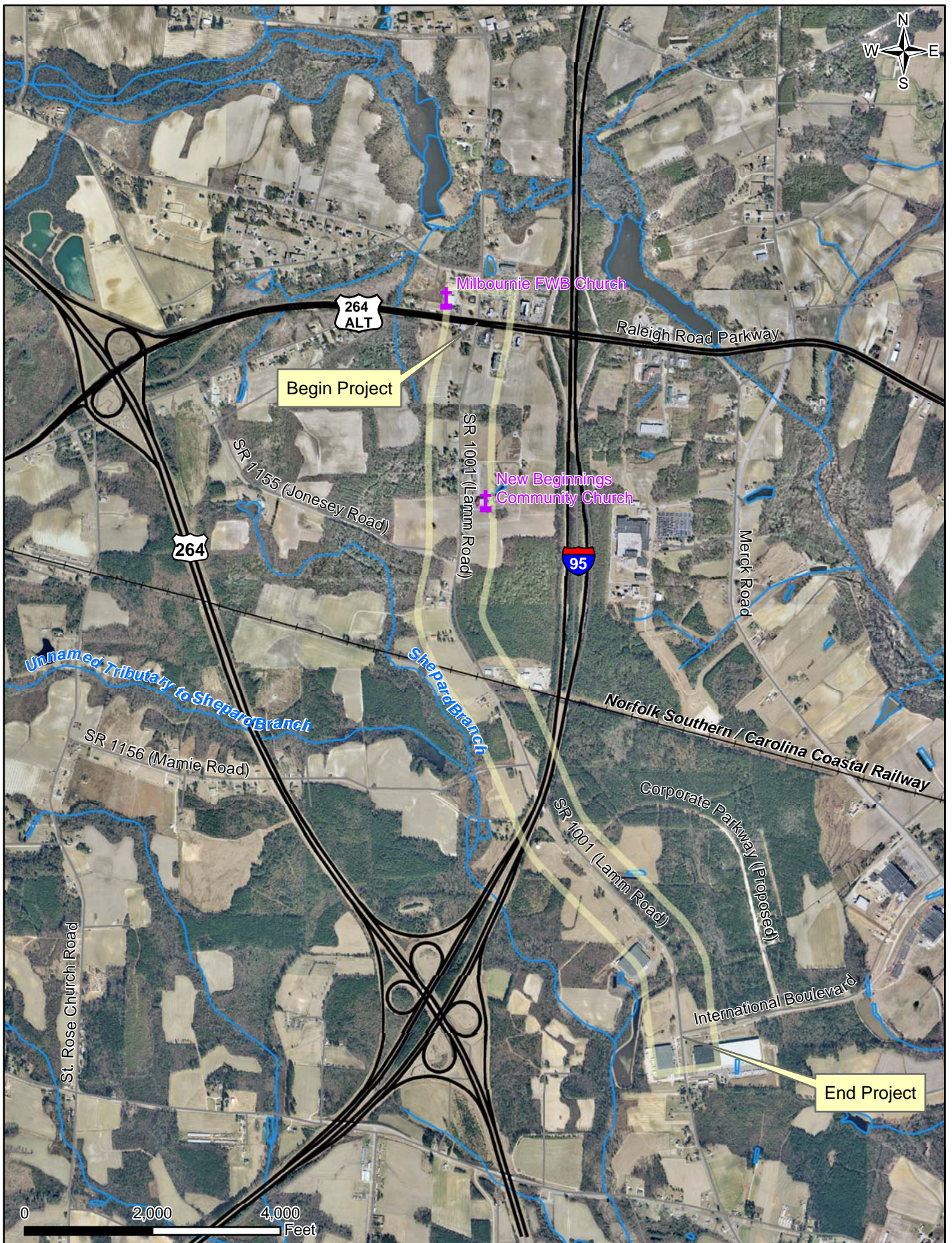
An additional forty “orphan” sites were identified on the databases but were not mapped due to inadequate address information. Thirty-eight of the forty sites were identified. Due to the distance from the project corridor, no further investigation of these sites is recommended.

VII. Recommendations / Additional Comments

The proposed median-divided, four-lane roadway will be able to accommodate the projected design year traffic volumes with an acceptable level of service and will provide a corridor to serve the adjacent industrial sites. The estimated cost for the proposed widening project is \$18,100,000.

FIGURES



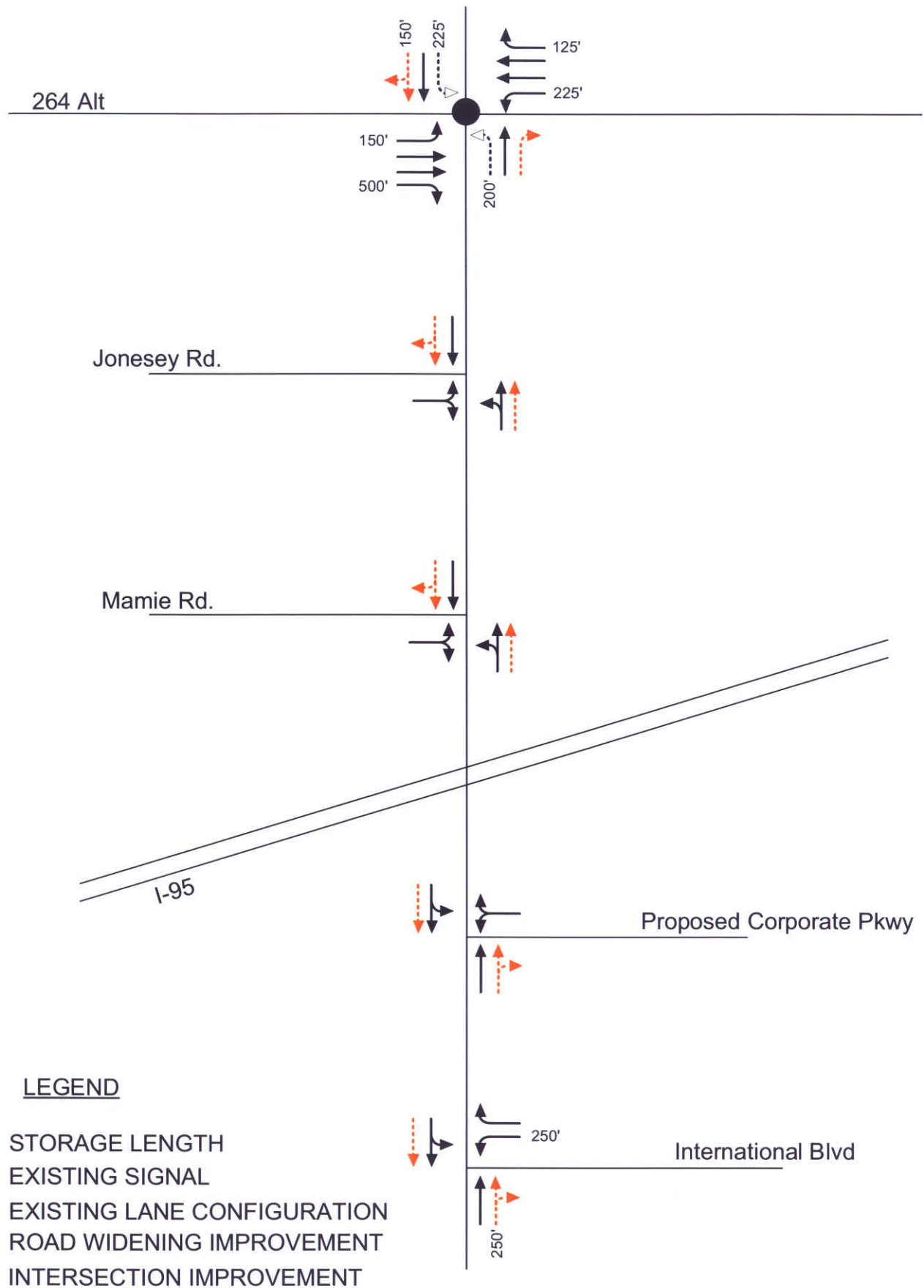


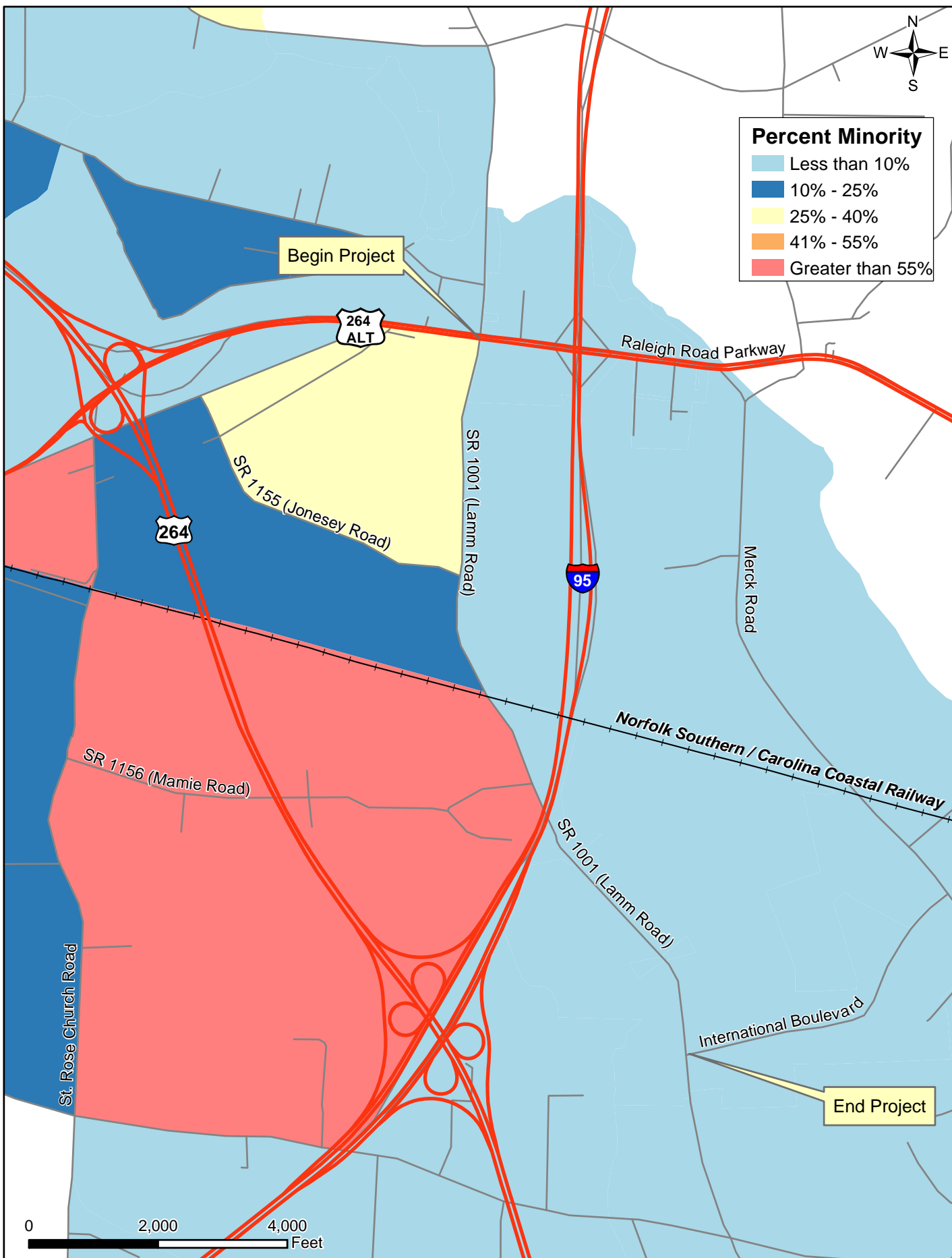
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FS-0204E Project Location

Figure 2
Project Location Map

TIP Project FS-0204E
SR (1001) Lamm Road, Wilson County

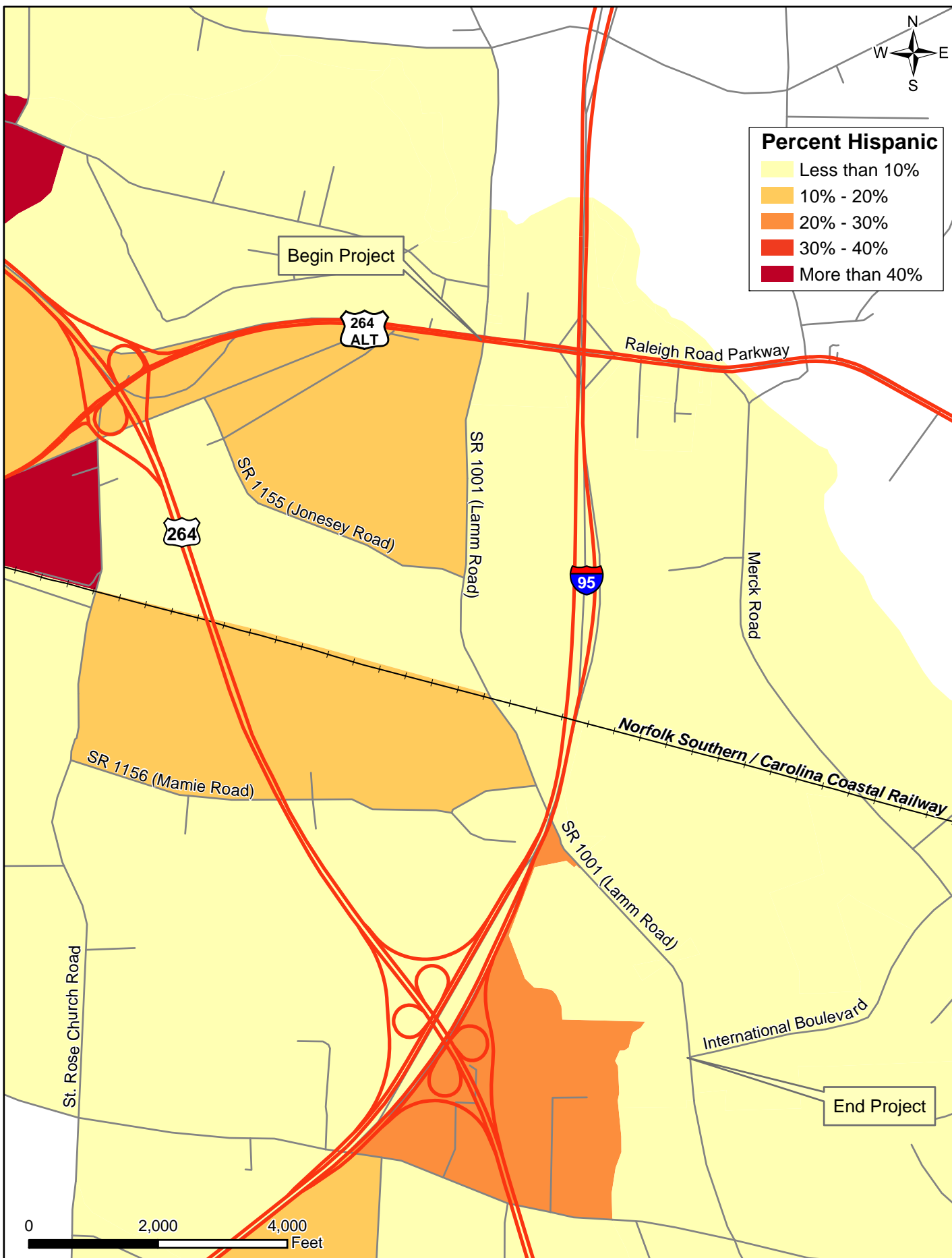




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Figure 6
Minority Populations

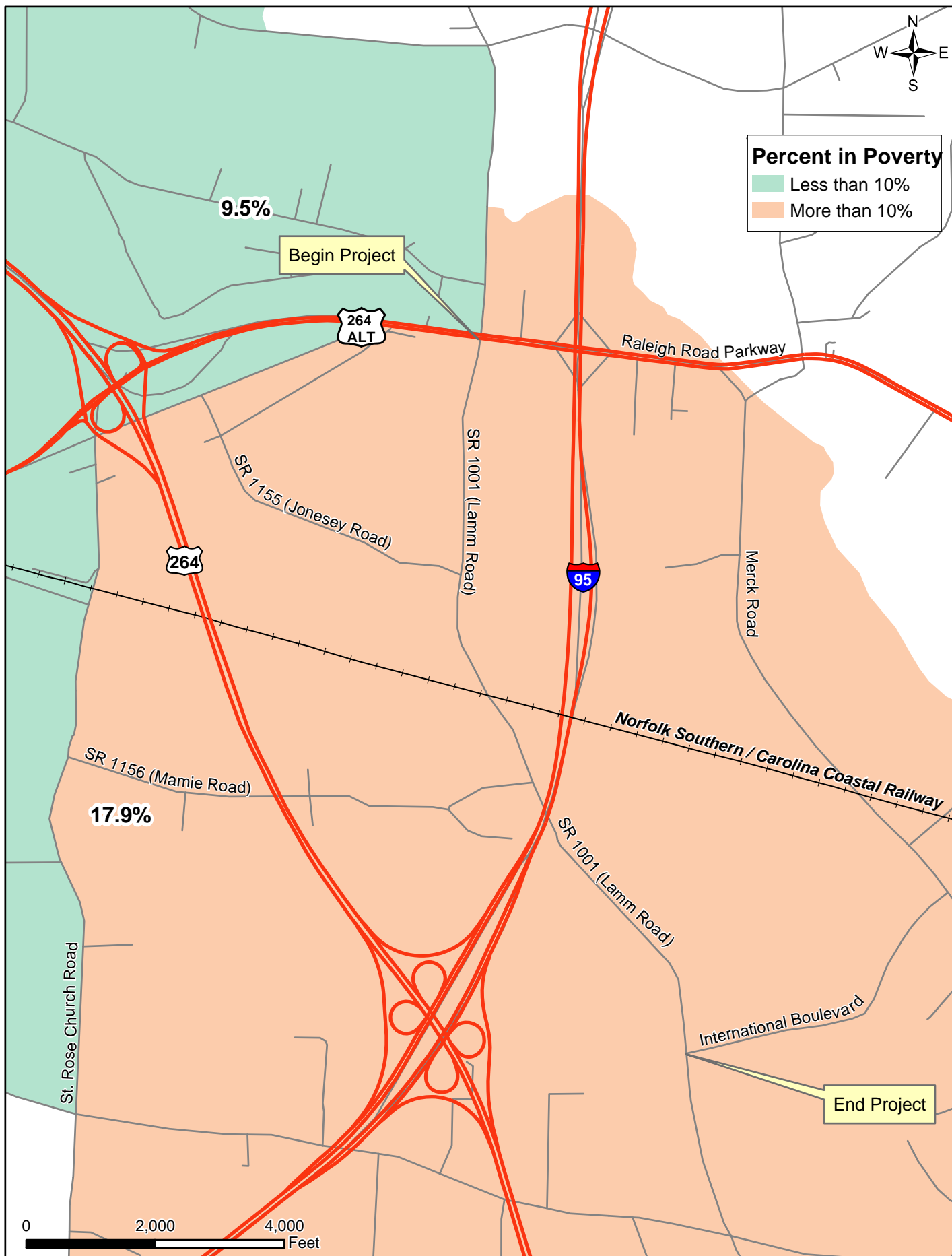
TIP Project FS-0204E
SR (1001) Lamm Road, Wilson County



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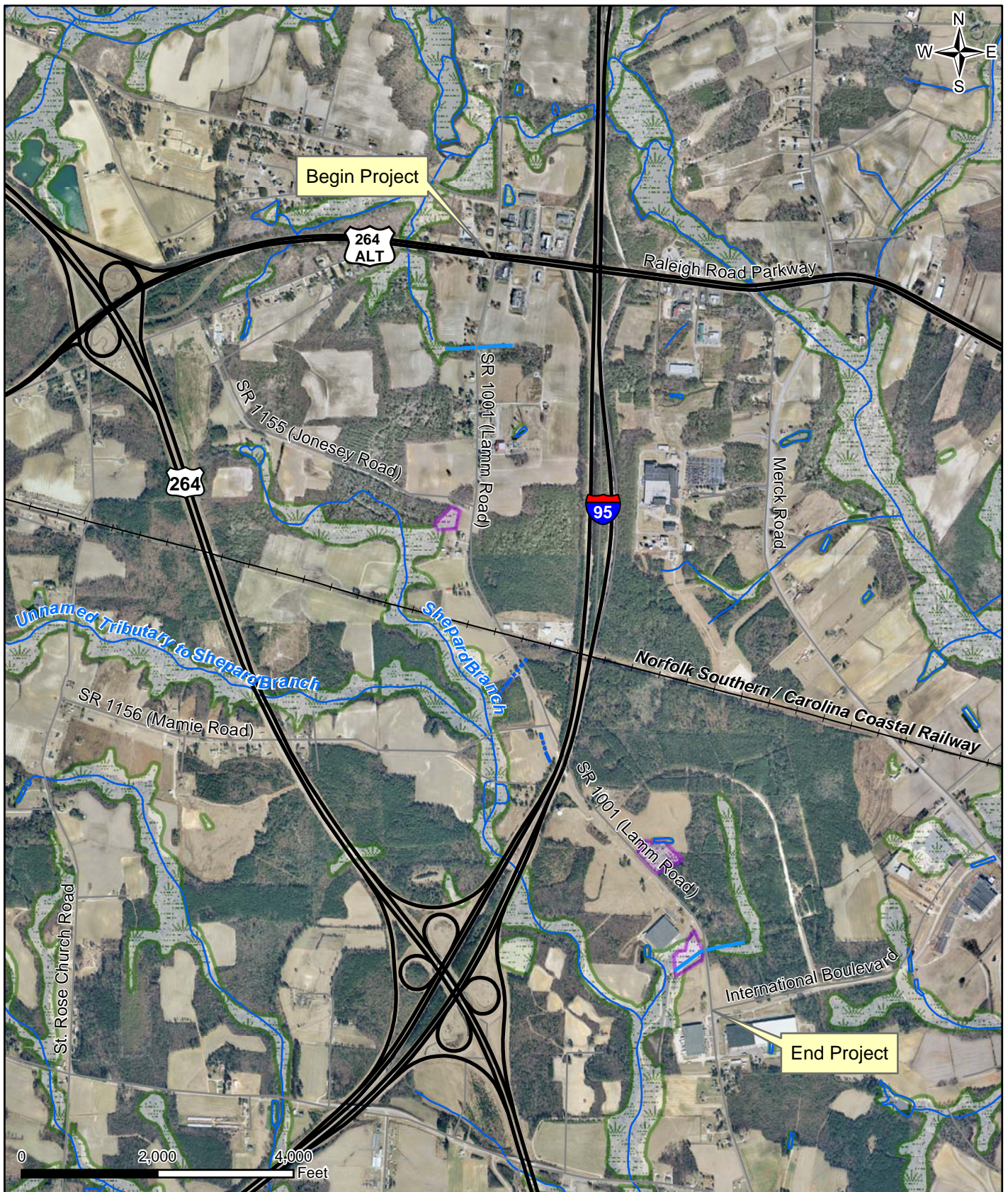
Figure 7
Hispanic Populations

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SR (1001) Lamm Road, Wilson County



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Figure 8
Low-Income Populations
TIP Project FS-0204E
SR (1001) Lamm Road, Wilson County



LEGEND		
	Hazardous Waste Facility	
	Hazardous Waste Disposal Site	
	KHA Wetland Assessment	
	Natural Heritage Point	
	Natural Heritage Area	
	NWI Wetland	

APPENDIX

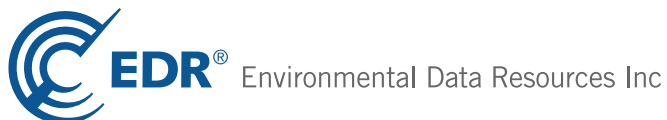
Lamm Road - Wilson County

Lamm Road from Hwy 264 Alt to Independence Blvd
Wilson, NC 27893

Inquiry Number: 2357746.2s

November 07, 2008

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	23
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-15
Physical Setting Source Records Searched	A-20

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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

LAMM ROAD FROM HWY 264 ALT TO INDEPENDENCE BLVD
WILSON, NC 27893

COORDINATES

Latitude (North):	35.749960 - 35° 44' 59.9"
Longitude (West):	78.010270 - 78° 0' 37.0"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	770350.9
UTM Y (Meters):	3960139.5
Elevation:	168 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	35078-F1 LUCAMA, NC
Most Recent Revision:	1978
North Map:	35078-G1 BAILEY, NC
Most Recent Revision:	1981
Northeast Map:	35077-G8 WINSTEAD CROSSROADS, NC
Most Recent Revision:	2001
East Map:	35077-F8 WILSON, NC
Most Recent Revision:	2001

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL LIENS.....	Federal Superfund Liens
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
LIENS 2.....	CERCLA Lien Information
RCRA-TSDF.....	RCRA - Transporters, Storage and Disposal
RCRA-LQG.....	RCRA - Large Quantity Generators
RCRA-SQG.....	RCRA - Small Quantity Generators
RCRA-CESQG.....	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen.....	RCRA - Non Generators
US ENG CONTROLS.....	Engineering Controls Sites List
US INST CONTROL.....	Sites with Institutional Controls
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
DOT OPS.....	Incident and Accident Data
US CDL.....	Clandestine Drug Labs
US BROWNFIELDS.....	A Listing of Brownfields Sites
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
LUCIS.....	Land Use Control Information System
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
ODI.....	Open Dump Inventory
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

SHWS.....	Inactive Hazardous Sites Inventory
NC HSIDS.....	Hazardous Substance Disposal Site
IMD.....	Incident Management Database
SWF/LF.....	List of Solid Waste Facilities
OLI.....	Old Landfill Inventory
HIST LF.....	Solid Waste Facility Listing
LUST.....	Regional UST Database
LUST TRUST.....	State Trust Fund Database
UST.....	Petroleum Underground Storage Tank Database
AST.....	AST Database
INST CONTROL.....	No Further Action Sites With Land Use Restrictions Monitoring
VCP.....	Responsible Party Voluntary Action Sites

EXECUTIVE SUMMARY

DRYCLEANERS..... Drycleaning Sites
BROWNFIELDS..... Brownfields Projects Inventory
NPDES..... NPDES Facility Location Listing

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN VCP..... Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

Sites listed in ***bold italics*** are in multiple databases.

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

FEDERAL RECORDS

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/11/2008 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

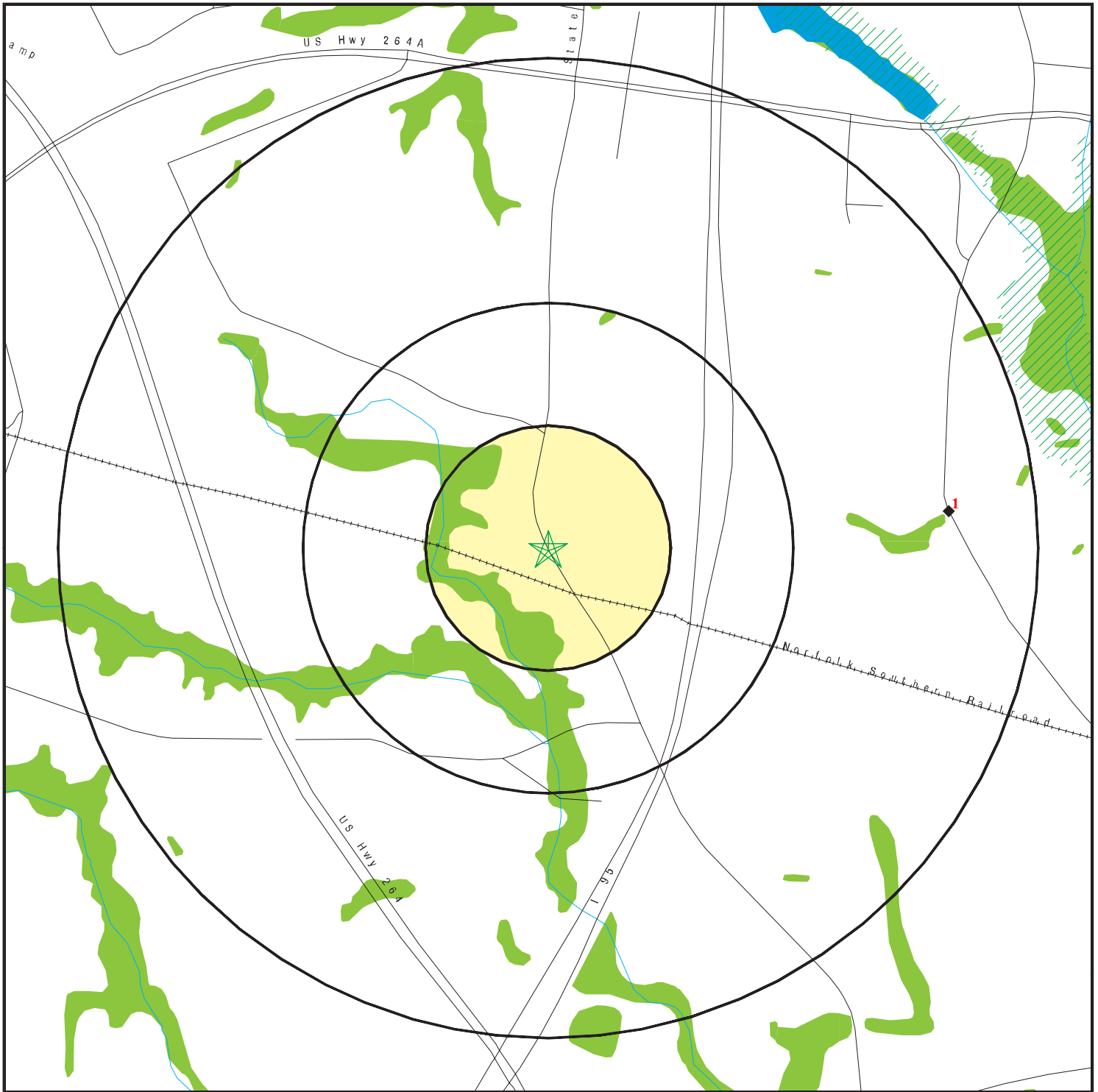
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MERCK MANUFACTURING DIV</i>	<i>4633 MERCK RD</i>	<i>E 1/2 - 1 (0.821 mi.)</i>	<i>1</i>	<i>6</i>

EXECUTIVE SUMMARY

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

Site Name	Database(s)
M&A AMOCO (STOP & SHOP)	SHWS
WRANGLER INC.	LUST
F & L INC. (AKA CAUSBY'S SERVI	LUST, IMD
SHACKLEFORD PAVING CO.-HWY301	LUST, IMD
WOODARD / PETERS PROPERTIES	LUST, IMD
LILES PROPERTY(WM.)(FORMER)	LUST, IMD
BREWER PROPERTY/ HOBBY SHOP	LUST, IMD
PARKVIEW STATION 0-005564	LUST, IMD
WOODARD SUPPLY CO, INC (2000)	LUST, IMD
MANGUM'S TOWING	LUST, IMD
ATLANTA MOTOR LINES	LUST, IMD
WOODARD SUPPLY COMPANY	FINDS, LUST
BAKER'S GROCERY	LUST, IMD
PATTERSON'S GROCERY & GAS	LUST
SERVCO SERVICES 02711	LUST, IMD
J.N. BAGGETT STORE	LUST
RYDER TRUCK RENTAL 0025	UST, LUST TRUST
WOODARD/PETERS PROPERTY	LUST TRUST
A-1 RADIATOR	LUST TRUST
BOWMAN TRANSPORTATION. INC.	UST
HOLLAND'S GROCERY	UST
BRIDGERSVILLE GROCERY	UST
NEALS GROCERY	UST
HENRY BAKER HEATING CO INC	UST
FAIRVIEW NURSERY	UST
BARNES SCHOOL	UST
TRADE-WILCO 1880	UST
BETTYS GROCERY 1	UST
CROSSROADS MART	UST
MANGUM OIL & WRECKER SERVICE	UST
A-1 RADIATOR SHOP	UST
FREDRICKSON MOTOR EXPRESS COR	UST
THE PANTRY 940/QUICK STOP	UST
DEANS OIL CO.. INC.	UST
WILSON LANDFILL WWTP	BROWNFIELDS
S&R AUTOMOTIVE	RCRA-NonGen
BUDDIES	RCRA-NonGen
EATMON RACING ENGINES	FINDS, RCRA-CESQG
WILLIAMSON, RONEY STORE-SPILL	IMD
CITY OF WILSON LDFL-2	OLI

OVERVIEW MAP - 2357746.2s



- ★ 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
- 🛢 Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory
- 🌿 State Wetlands

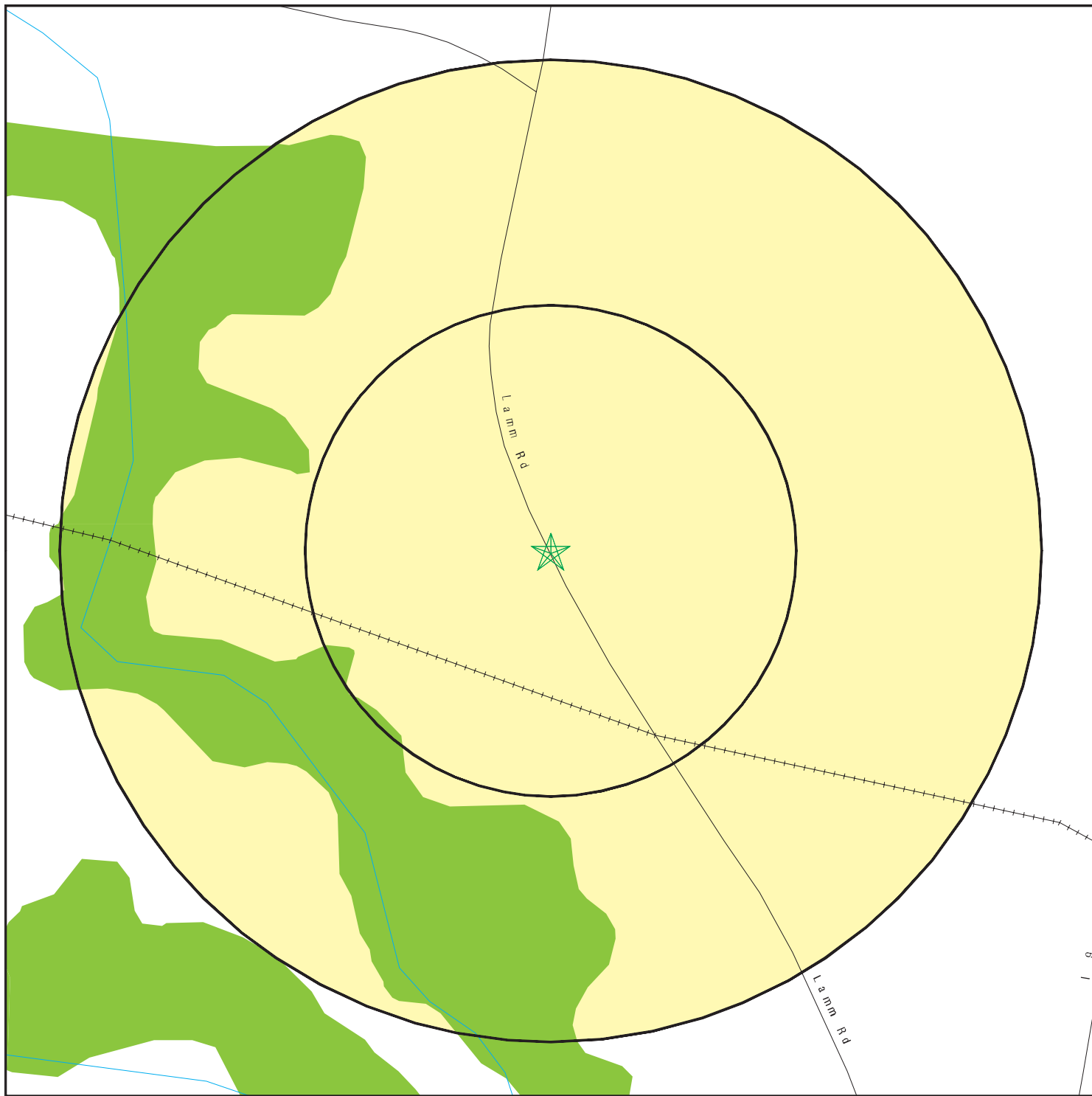
- ☒ Hazardous Substance Disposal Sites

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: Lamm Road - Wilson County
 ADDRESS: Lamm Road from Hwy 264 Alt to Independence Blvd
 Wilson NC 27893
 LAT/LONG: 35.7500 / 78.0103

CLIENT: Kimley-Horn & Associates, Inc.
 CONTACT: Anna Reusche
 INQUIRY #: 2357746.2s
 DATE: November 07, 2008 12:05 pm

DETAIL MAP - 2357746.2s



★ 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

■ Oil & Gas pipelines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

■ 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: Lamm Road - Wilson County
ADDRESS: Lamm Road from Hwy 264 Alt to Independence Blvd
Wilson NC 27893
LAT/LONG: 35.7500 / 78.0103

CLIENT: Kimley-Horn & Associates, Inc.
CONTACT: Anna Reusche
INQUIRY #: 2357746.2s
DATE: November 07, 2008 12:05 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
RCRA-TSDF		0.500	0	0	0	NR	NR	0
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
RCRA-NonGen		0.250	0	0	NR	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
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
SHWS		1.000	0	0	0	0	NR	0
NC HSDS		1.000	0	0	0	0	NR	0
IMD		0.500	0	0	0	NR	NR	0
SWF/LF		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
OLI		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
LUST TRUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

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

1
East
1/2-1
0.821 mi.
4335 ft.

MERCK MANUFACTURING DIV
4633 MERCK RD
WILSON, NC 27893

Relative:
Lower

Actual:
142 ft.

FINDS
LUST
RCRA-LQG
RCRA-TSDF
CORRACTS
IMD
MANIFEST

1000169660
NCD980798839

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AFS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

NC-FITS (North Carolina - Facility Identification Template For States) is North Carolina Department of Environment and Natural Resources' (NCDENR) Facility Identification Template for States that provides a common facility identifier in order to improve accessibility to comprehensive information about environmental regulated entities in the state of North Carolina.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

LUST:

Facility ID: Not reported
UST Number: RA-2747
Incident Number: 17560
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Date Reported: 1/15/1997
Date Occur: 12/1/1988
Cleanup: 12/1/1988
Closure Request: Not reported
Close Out: 11/5/2002
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: Non Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: 20E
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 4
RPL: False
CD Num: 170
Reel Num: 179
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long: 35 45 19.98 77 59 49.98
Lat/Long Decimal: 35.755555000000001 77.997221999999994
Testlat: Not reported
Regional Officer Project Mgr: MAF
Region: Raleigh
Company: MERCK AND CO., INC.
Contact Person: ETHAN ALLEN PRIEST
Telephone: 919-243-2011
RP Address: 4633 MERCK ROAD
RP City,St,Zip: WILSON, NC 27893-
RP County: Not reported
5 Min Quad: K31y

PIRF:

Facility Id: 17560
Date Occurred: 1/14/1997
Date Reported: 7/3/1997
Description Of Incident: UPON REMOVAL OF USTS, SOIL AND GW CONTAM. WERE CONFIRMED.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 4
Location: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Site Priority: 20E
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 1
Pirf/Min Soil: Not reported
Release Code: K31Y
Source Code: Pirf
Err Type: Not reported
Ust Number: Not reported

Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Comments: 10/2001 - MAZ spoke with Sandy West with Mercke; Mr. West requested that 2 MW's be abandoned; I told him that I would need to see an additional round of sampling in the form of a GW Monitoring Report since no work had been done at the site in years;

RCRA-LQG:

Date form received by agency: 07/19/2006
Facility name: MERCK MANUFACTURING DIVISION - WILSON
Facility address: 4633 MERCK ROAD
WILSON, NC 27893
EPA ID: NCD980798839
Mailing address: MERCK ROAD
WILSON, NC 27893
Contact: SANDY WEST
Contact address: MERCK ROAD
WILSON, NC 27893
Contact country: US
Contact telephone: (252) 246-6254
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date: 06/10/1983
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

kg of acutely hazardous waste at any time; 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 more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: MERCK & CO., INC.
Owner/operator address: 4633 MERCK ROAD
WILSON, NC 27893
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/10/1983
Owner/Op end date: Not reported

Owner/operator name: MERCK MANUFACTURING DIVISION
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/10/1983
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: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/20/2006
Facility name: MERCK MANUFACTURING DIVISION - WILSON
Classification: Large Quantity Generator

Date form received by agency: 03/29/2004
Facility name: MERCK MANUFACTURING DIVISION - WILSON
Classification: Large Quantity Generator

Date form received by agency: 02/05/2002
Facility name: MERCK MANUFACTURING DIVISION - WILSON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Classification: Large Quantity Generator

Date form received by agency: 02/17/2000

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK MANUFACTURING DIVISION

Classification: Large Quantity Generator

Date form received by agency: 11/13/1998

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK MANUFACTURING DIVISION

Classification: Large Quantity Generator

Date form received by agency: 08/11/1997

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK MANUFACTURING DIV

Classification: Large Quantity Generator

Date form received by agency: 02/15/1996

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK MANUFACTURING DIVISION

Classification: Large Quantity Generator

Date form received by agency: 06/27/1994

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK MANUFACTURING DIV

Classification: Large Quantity Generator

Date form received by agency: 05/18/1994

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK MANUFACTURING DIV

Classification: Large Quantity Generator

Date form received by agency: 02/18/1994

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: ENVIRONMENTAL HEALTH & SAFETY DEPT

Classification: Large Quantity Generator

Date form received by agency: 02/21/1992

Facility name: MERCK MANUFACTURING DIVISION - WILSON

Site name: MERCK PHARMACEUTICAL

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 MIXTURES.

Waste code: LABP
Waste name: LAB PACK

Biennial Reports:

Last Biennial Reporting Year: 2005

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 34019

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 4413

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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 MIXTURES.

Amount (Lbs): 29454

Waste code: LABP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Waste name: LAB PACK
Amount (Lbs): 2435

Corrective Action Summary:

Event date: 01/05/1991
Event: RFA Completed

Event date: 07/29/1991
Event: Corrective Action Process Terminated, No Further Action

Event date: 07/29/1991
Event: Date For Remedy Selection (CM Imposed)

Event date: 07/29/1991
Event: Certification Of Remedy Completion Or Construction Completion

Event date: 07/30/1991
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Event date: 03/31/1992
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 03/24/1993
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Facility Has Received Notices of Violations:

Regulation violated: SR - 262.73(6)(9)
Area of violation: Generators - Records/Reporting
Date violation determined: 10/16/1996
Date achieved compliance: 11/16/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/16/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.54(d)
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 03/24/1994
Date achieved compliance: 04/27/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/24/1994
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.17(a)
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/17/1992
Date achieved compliance: 10/01/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 268.50(a)(2)(i)
Area of violation: LDR - General
Date violation determined: 09/17/1992
Date achieved compliance: 10/01/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 268.50(a)(2)(i)
Area of violation: LDR - General
Date violation determined: 09/17/1992
Date achieved compliance: 10/01/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.17(a)
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/17/1992
Date achieved compliance: 10/01/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34
Area of violation: Generators - Records/Reporting
Date violation determined: 02/27/1992
Date achieved compliance: 03/05/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.20
Area of violation: Generators - Pre-transport
Date violation determined: 02/27/1992
Date achieved compliance: 03/05/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/27/2008
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/17/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/22/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/16/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Evaluation date:	12/05/2006
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	11/20/2006
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/08/2006
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/26/2006
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	09/26/2005
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/25/2005
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/15/2004
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/02/2004
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	07/11/2003
Evaluation:	COMPLIANCE ASSISTANCE VISIT
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	04/22/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/09/2002
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/13/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/19/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/30/2001
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/05/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/18/2000
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/13/1999
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/19/1999
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Evaluation date: 12/09/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/1998
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/20/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/28/1997
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/19/1996
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 11/16/1996
Evaluation lead agency: State

Evaluation date: 04/09/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/21/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/29/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/05/1995
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/27/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 04/27/1994
Evaluation lead agency: State

Evaluation date: 04/04/1994
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 04/27/1994
Evaluation lead agency: State

Evaluation date: 09/10/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/11/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/07/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/01/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 10/01/1992
Evaluation lead agency: State

Evaluation date: 10/01/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 10/01/1992
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Evaluation date: 09/17/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/01/1992
Evaluation lead agency: State

Evaluation date: 09/17/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 10/01/1992
Evaluation lead agency: State

Evaluation date: 05/11/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/05/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/05/1992
Evaluation lead agency: State

Evaluation date: 03/05/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/05/1992
Evaluation lead agency: State

Evaluation date: 02/27/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/10/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CORRACTS:

EPA ID: NCD980798839
EPA Region: 04
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1992
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 32541
Pharmaceutical and Medicine Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NCD980798839
EPA Region: 04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Area Name: ENTIRE FACILITY
Actual Date: 7/29/1991
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 32541
Pharmaceutical and Medicine Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NCD980798839
EPA Region: 04
Area Name: ENTIRE FACILITY
Actual Date: 7/29/1991
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 32541
Pharmaceutical and Medicine Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NCD980798839
EPA Region: 04
Area Name: ENTIRE FACILITY
Actual Date: 7/29/1991
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 32541
Pharmaceutical and Medicine Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

IMD:

Region: RAL
Facility ID: 17560
Date Occurred: 12/1/1988
Submit Date: 7/3/1997
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: UPON REMOVAL OF USTS, SOIL AND GW CONTAM. WERE CONFIRMED.
Operator: ETHAN ALLEN PRIEST
Contact Phone: 919-243-2011
Owner Company: MERCK AND CO., INC.
Operator Address: 4633 MERCK ROAD
Operator City: WILSON
Oper City, St, Zip: WILSON, NC 27893-
Ownership: Private
Operation: Commercial
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Gasoline/diesel
Location: Facility
Setting: Rural
Risk Site: L
Site Priority: 20E
Priority Code: E
Priority Update: Not reported
Dem Contact: MAF
Wells Affected: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Num Affected: 0
Wells Contam: Not reported
Sampled By: Responsible Parties
Samples Include: Groundwater Samples
7.5 Min Quad: Not reported
5 Min Quad: K31Y
Latitude: 35.75527777
Longitude: -77.99694444
Latitude Number: 354519
Longitude Number: 775949
Latitude Decimal: 35.7552777777778
Longitude Decimal: 77.9969444444444
GPS: 4
Agency: DWM
Facility ID: 17560
Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

NY MANIFEST:

EPA ID: NCD980798839
Facility Name: MERCK MANUFACTURING
Facility Address: 4633 MERECK RD
Facility City: WILSON
Facility Address 2: Not reported
Country: USA
Mailing Name: MERCK MANUFACTURING
Mailing Contact: STEPHEN BRINCHEK
Mailing Address: 4633 MERECK RD
Mailing Address 2: Not reported
Mailing City: WILSON
Mailing State: NC
Mailing Zip: 27893
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 252-246-6352

Document ID: NYG0816759
Manifest Status: Not reported
Trans1 State ID: SCD987574647
Trans2 State ID: NYD982792814
Generator Ship Date: 09/20/1999
Trans1 Recv Date: 09/20/1999
Trans2 Recv Date: 09/27/1999
TSD Site Recv Date: 10/07/1999
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCK MANUFACTURING DIV (Continued)

1000169660

Part B Recv Date: Not reported
Generator EPA ID: NCD980798839
Trans1 EPA ID: NYD000632372
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: U135 - HYDROGEN SULFIDE
Quantity: 00080
Units: P - Pounds
Number of Containers: 005
Container Type: CY - Cylinders
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99
Manifest Tracking Num: Not reported
Import Ind: Not reported
Export Ind: Not reported
Discr Quantity Ind: Not reported
Discr Type Ind: Not reported
Discr Residue Ind: Not reported
Discr Partial Reject Ind: Not reported
Discr Full Reject Ind: Not reported
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
WILSON	S108074362	WRANGLER INC.	3363 HWY 301 NORTH	27893	LUST
WILSON	S106682473	F & L INC. (AKA CAUSBY'S SERVI	HWY 301 SOUTH	27893	LUST, IMD
WILSON	S103717331	SHACKLEFORD PAVING CO.-HWY301	1131 HWY 301 S.	27893	LUST, IMD
WILSON	1010786997	S&R AUTOMOTIVE	3457 HWY 301 N	27893	RCRA-NonGen
WILSON	1010786715	BUDDIES	HWY 301 N	27893	RCRA-NonGen
WILSON	1004747328	EATMON RACING ENGINES	HWY 301 S	27893	FINDS, RCRA-CESQG
WILSON	U001435327	BOWMAN TRANSPORTATION. INC.	HIGHWAY 301-A NORTH	27893	UST
WILSON	U003142528	RYDER TRUCK RENTAL 0025	HWY 301N, BYPASS, P.O.BOX 4188	27893	UST, LUST TRUST
WILSON	S106349184	WOODARD / PETERS PROPERTIES	4057 / 4131 NC HIGHWAY 58		LUST, IMD
WILSON	U003562213	HOLLAND'S GROCERY	HIGHWAY 42	27893	UST
WILSON	U003562199	BRIDGERSVILLE GROCERY	HIGHWAY 42	27893	UST
WILSON	U001435556	NEALS GROCERY	HIGHWAY 42 EAST	27893	UST
WILSON	S105516836	LILES PROPERTY(WM.)(FORMER)	4073 HWY 42 WEST	27893	LUST, IMD
WILSON	U003134050	HENRY BAKER HEATING CO INC	HWY 42W P O BOX 3405	27893	UST
WILSON	U001434188	FAIRVIEW NURSERY	RTE 5 BOX 403	27893	UST
WILSON	U003134403	BARNES SCHOOL	ROUTE 5, BOX 57	27893	UST
WILSON	S104547407	BREWER PROPERTY/ HOBBY SHOP	5803 HIGHWAY 58 NORTH		LUST, IMD
WILSON	U003836389	TRADE-WILCO 1880	4901 HWY 58 NW	27893	UST
WILSON	S102328269	PARKVIEW STATION 0-005564	HWY 64		LUST, IMD
WILSON	S104914648	WOODARD SUPPLY CO, INC (2000)	5103 NC 91 HIGHWAY	27893	LUST, IMD
WILSON	U003137658	BETTYS GROCERY 1	HWY 97 AT I-95	27893	UST
WILSON	U003137246	CROSSROADS MART	119 E. 97 HWY	27893	UST
WILSON	S106122954	WOODARD/PETERS PROPERTY	4057 AND 4131 NC HWY 58 SOUTH		LUST TRUST
WILSON	U001435719	MANGUM OIL & WRECKER SERVICE	P.O. BOX 7177 / HIGHWAY 301 N.	27893	UST
WILSON	S107526042	WILSON LANDFILL WWTP	US HIGHWAY 301 E		BROWNFIELDS
WILSON	S104914392	MANGUM'S TOWING	U.S. HIGHWAY 301		LUST, IMD
WILSON	S105218689	A-1 RADIATOR	US HIGHWAY 301 SOUTH		LUST TRUST
WILSON	U003143577	A-1 RADIATOR SHOP	315 SOUTH HIGHWAY 301	27893	UST
WILSON	U003143387	FREDRICKSON MOTOR EXPRESS COR	U.S. HIGHWAY 301 AT HIGHWAY 42	27893	UST
WILSON	S106074841	ATLANTA MOTOR LINES	3333 C HIGHWAY 301 N.	27893	LUST, IMD
WILSON	1007727778	WOODARD SUPPLY COMPANY	5103 NC HIGHWAY 91	27893	FINDS, LUST
WILSON	S104482983	BAKER'S GROCERY	5159 NC HWY 58 N		LUST, IMD
WILSON	U003369617	THE PANTRY 940/QUICK STOP	4934 US HWY 264 W -I 95	27893	UST
WILSON	U001434860	DEANS OIL CO.. INC.	5343 NC HWY 42 WEST	27893	UST
WILSON	S109034068	PATTERSON'S GROCERY & GAS	5009 US HWY 264 ALT	27893	LUST
WILSON	S106520648	SERVCO SERVICES 02711	2632 US HWY 301 SOUTH	27893	LUST, IMD
WILSON	S103131472	WILLIAMSON, RONEY STORE-SPILL	4108 NC HWY 42 W	27893	IMD
WILSON	S109136344	CITY OF WILSON LDFL-2	EAST OF HWY. 301 (WARD BLVD.)/		OLI
WILSON	S109015458	M&A AMOCO (STOP & SHOP)	WARD BLVD (U.S. HWY. 301)		SHWS
WINDSOR	S103717124	J.N. BAGGETT STORE	US ROUTE 13	27893	LUST

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.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 08/13/2008	Source: EPA
Date Data Arrived at EDR: 08/27/2008	Telephone: N/A
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/26/2009
	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: 04/30/2008	Source: EPA
Date Data Arrived at EDR: 05/06/2008	Telephone: N/A
Date Made Active in Reports: 06/09/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

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: 08/14/2008	Source: EPA
Date Data Arrived at EDR: 08/27/2008	Telephone: N/A
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: No Update Planned

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: 07/09/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 34

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of 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: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

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: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/02/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/23/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2008	Telephone: 703-603-0695
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/29/2008
	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: 07/23/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/29/2008	Telephone: 703-603-0695
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 06/30/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/29/2008
	Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 10/21/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 01/19/2009
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/30/2008	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/15/2008	Telephone: 202-366-4555
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 10/16/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/12/2009
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 08/29/2008
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/24/2008
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 08/25/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/05/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/25/2008
Date Data Arrived at EDR: 06/12/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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: 06/18/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 45

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

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: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
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: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/08/2008
Date Data Arrived at EDR: 08/05/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 20

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 07/29/2008
Date Data Arrived at EDR: 07/31/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/01/2008	Source: EPA
Date Data Arrived at EDR: 07/09/2008	Telephone: (404) 562-9900
Date Made Active in Reports: 08/25/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/29/2008
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

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

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: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 09/12/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 12/08/2008
	Data Release Frequency: Biennially

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: 09/08/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2008	Telephone: 615-532-8599
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 08/25/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/10/2008
	Data Release Frequency: Varies

STATE AND LOCAL RECORDS

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: 07/23/2008	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 07/24/2008	Telephone: 919-733-2801
Date Made Active in Reports: 08/20/2008	Last EDR Contact: 10/20/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/05/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/06/2006
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 44

Source: North Carolina Center for Geographic Information and Analysis
Telephone: 919-733-2090
Last EDR Contact: 08/29/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Biennially

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006
Date Data Arrived at EDR: 08/01/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 22

Source: Department of Environment and Natural Resources
Telephone: 919-733-3221
Last EDR Contact: 10/22/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Quarterly

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: 08/18/2008
Date Data Arrived at EDR: 08/18/2008
Date Made Active in Reports: 09/12/2008
Number of Days to Update: 25

Source: Department of Environment and Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 10/22/2008
Next Scheduled EDR Contact: 01/19/2009
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: 07/11/2008
Date Data Arrived at EDR: 08/08/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 12

Source: Department of Environment & Natural Resources
Telephone: 919-733-4996
Last EDR Contact: 10/24/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 02/13/2007
Date Made Active in Reports: 03/02/2007
Number of Days to Update: 17

Source: Department of Environment & Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Quarterly

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: 08/29/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/12/2008
Number of Days to Update: 8

Source: Department of Environment and Natural Resources
Telephone: 919-733-1308
Last EDR Contact: 09/04/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/02/2008
Date Data Arrived at EDR: 08/07/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 13

Source: Department of Environment and Natural Resources
Telephone: 919-733-1315
Last EDR Contact: 11/06/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

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: 08/01/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/11/2008
Number of Days to Update: 7

Source: Department of Environment and Natural Resources
Telephone: 919-733-1308
Last EDR Contact: 09/04/2008
Next Scheduled EDR Contact: 12/01/2008
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: 07/14/2008
Date Data Arrived at EDR: 07/15/2008
Date Made Active in Reports: 08/19/2008
Number of Days to Update: 35

Source: Department of Environment and Natural Resources
Telephone: 919-715-6183
Last EDR Contact: 10/27/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

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: 07/23/2008
Date Data Arrived at EDR: 07/24/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 27

Source: Department of Environment, Health and Natural Resources
Telephone: 919-733-2801
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Quarterly

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 07/24/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 27

Source: Department of Environment and Natural Resources
Telephone: 919-733-4996
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

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.

Date of Government Version: 06/17/2008
Date Data Arrived at EDR: 07/15/2008
Date Made Active in Reports: 08/20/2008
Number of Days to Update: 36

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 10/15/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2007
Date Data Arrived at EDR: 10/31/2007
Date Made Active in Reports: 01/14/2008
Number of Days to Update: 75

Source: Department of Environment and Natural Resources
Telephone: 919-733-4996
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 09/26/2008
Number of Days to Update: 15

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/25/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
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: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

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

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

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

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

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: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

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

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

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

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

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: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7

Telephone: 913-551-7365

Last EDR Contact: 10/20/2008

Next Scheduled EDR Contact: 01/19/2009

Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 06/15/2007

Date Made Active in Reports: 08/20/2007

Number of Days to Update: 66

Source: Department of Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 09/12/2008

Next Scheduled EDR Contact: 12/08/2008

Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007

Date Data Arrived at EDR: 12/04/2007

Date Made Active in Reports: 12/31/2007

Number of Days to Update: 27

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 11/07/2008

Next Scheduled EDR Contact: 02/02/2009

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: 07/23/2008

Date Data Arrived at EDR: 08/28/2008

Date Made Active in Reports: 09/11/2008

Number of Days to Update: 14

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 08/28/2008

Next Scheduled EDR Contact: 11/24/2008

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/28/2008
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LAMM ROAD - WILSON COUNTY
LAMM ROAD FROM HWY 264 ALT TO INDEPENDENCE BLVD
WILSON, NC 27893

TARGET PROPERTY COORDINATES

Latitude (North):	35.74996 - 35° 44' 59.9"
Longitude (West):	78.01027 - 78° 0' 37.0"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	770350.9
UTM Y (Meters):	3960139.5
Elevation:	168 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	35078-F1 LUCAMA, NC
Most Recent Revision:	1978
North Map:	35078-G1 BAILEY, NC
Most Recent Revision:	1981
Northeast Map:	35077-G8 WINSTEAD CROSSROADS, NC
Most Recent Revision:	2001
East Map:	35077-F8 WILSON, NC
Most Recent Revision:	2001

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

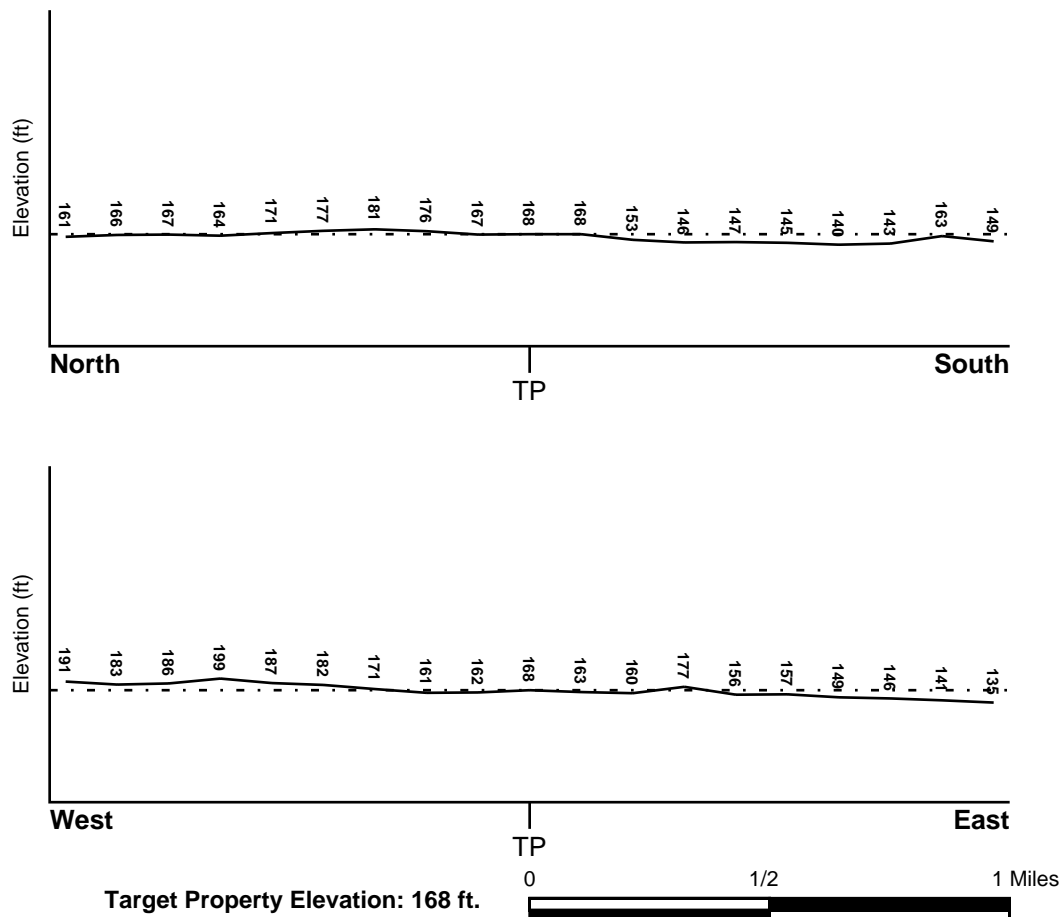
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> WILSON, NC	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	3703700060B
Additional Panels in search area:	3703700080B

NATIONAL WETLAND INVENTORY

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

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

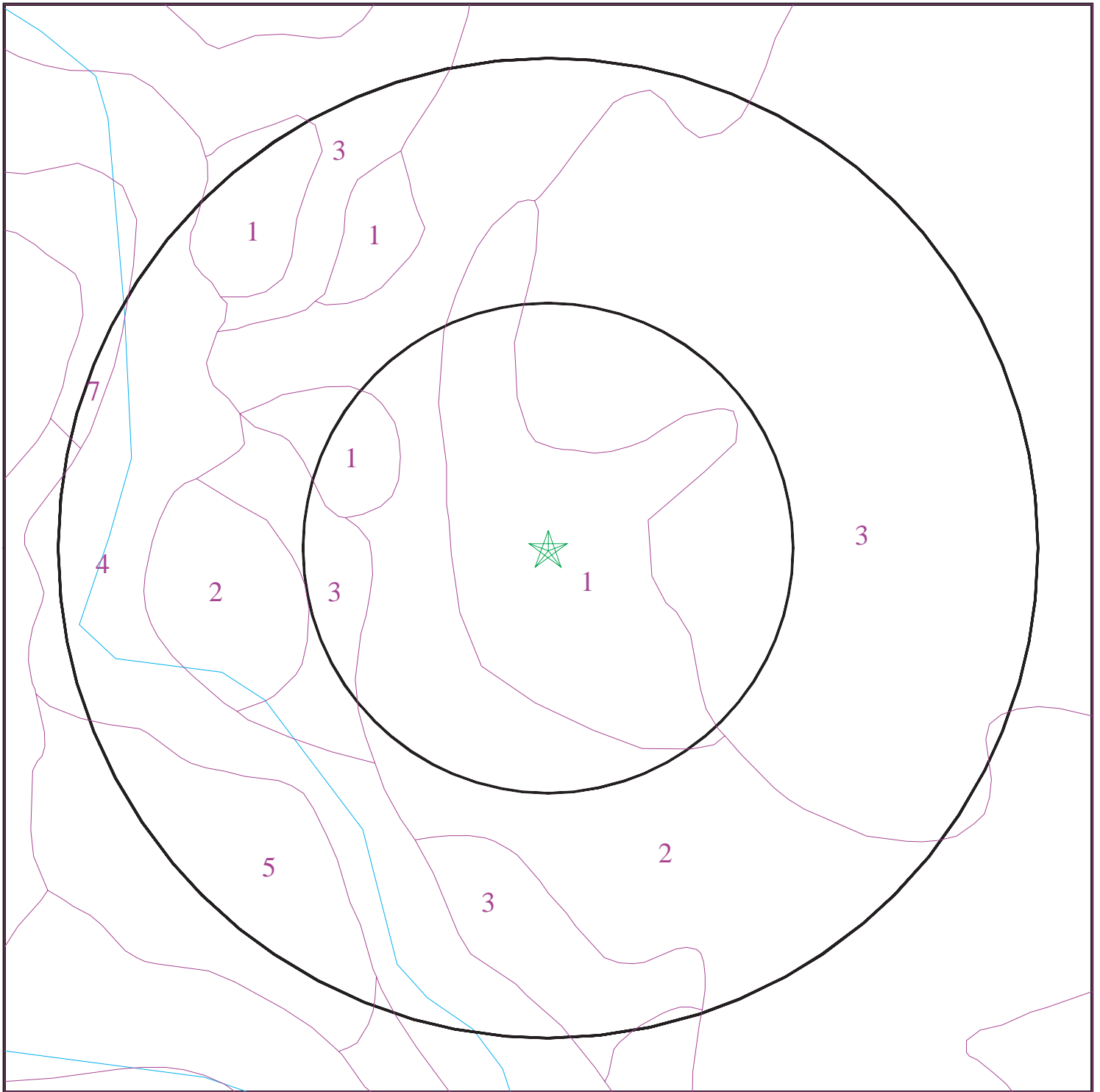
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 2357746.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Lamm Road - Wilson County
ADDRESS: Lamm Road from Hwy 264 Alt to Independence Blvd
Wilson NC 27893
LAT/LONG: 35.7500 / 78.0103

CLIENT: Kimley-Horn & Associates, Inc.
CONTACT: Anna Reusche
INQUIRY #: 2357746.2s
DATE: November 07, 2008 12:06 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Goldsboro

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5
2	7 inches	14 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5
3	14 inches	44 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	44 inches	75 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5

Soil Map ID: 2

Soil Component Name: Norfolk

Soil Surface Texture: loamy sand

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

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5
2	9 inches	14 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	14 inches	70 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5
4	70 inches	100 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.5

Soil Map ID: 3

Soil Component Name: Rains

Soil Surface Texture: sandy loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.6
3	11 inches	20 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.6
4	20 inches	61 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.6
5	61 inches	85 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.6

Soil Map ID: 4

Soil Component Name: Bibb

Soil Surface Texture: loamy sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 23 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 5.5 Min: 3.6
2	5 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 5.5 Min: 3.6
3	59 inches	79 inches	loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 5.5 Min: 3.6

Soil Map ID: 5

Soil Component Name: Gritney

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 0.01	Max: 5.5 Min: 3.5
2	9 inches	57 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 0.01	Max: 5.5 Min: 3.5
3	57 inches	70 inches	stratified loamy sand to sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42 Min: 0.01	Max: 5.5 Min: 3.5

Soil Map ID: 6

Soil Component Name: Altavista

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 3.5
2	7 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 3.5
3	14 inches	42 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 3.5
4	42 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 3.5

Soil Map ID: 7

Soil Component Name: Toisnot

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
2	12 inches	27 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
3	27 inches	44 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5
4	44 inches	79 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 1.4 Min: 0.42	Max: 5.5 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2233182	1/8 - 1/4 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS2233209	1/2 - 1 Mile North
3	USGS2233214	1/2 - 1 Mile North
5	USGS2209094	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

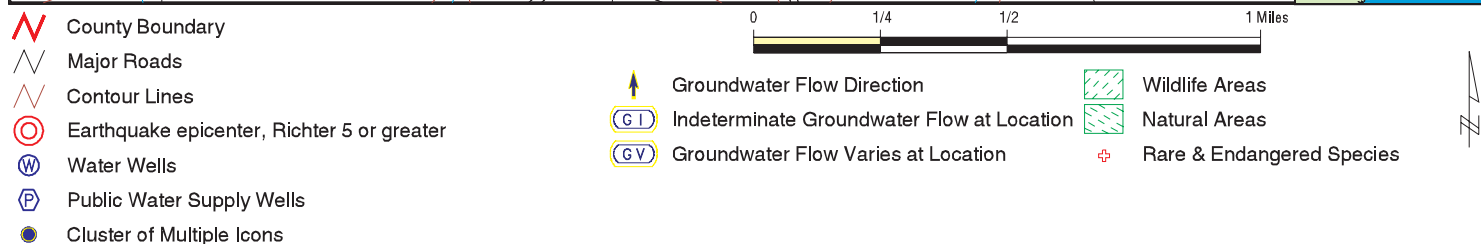
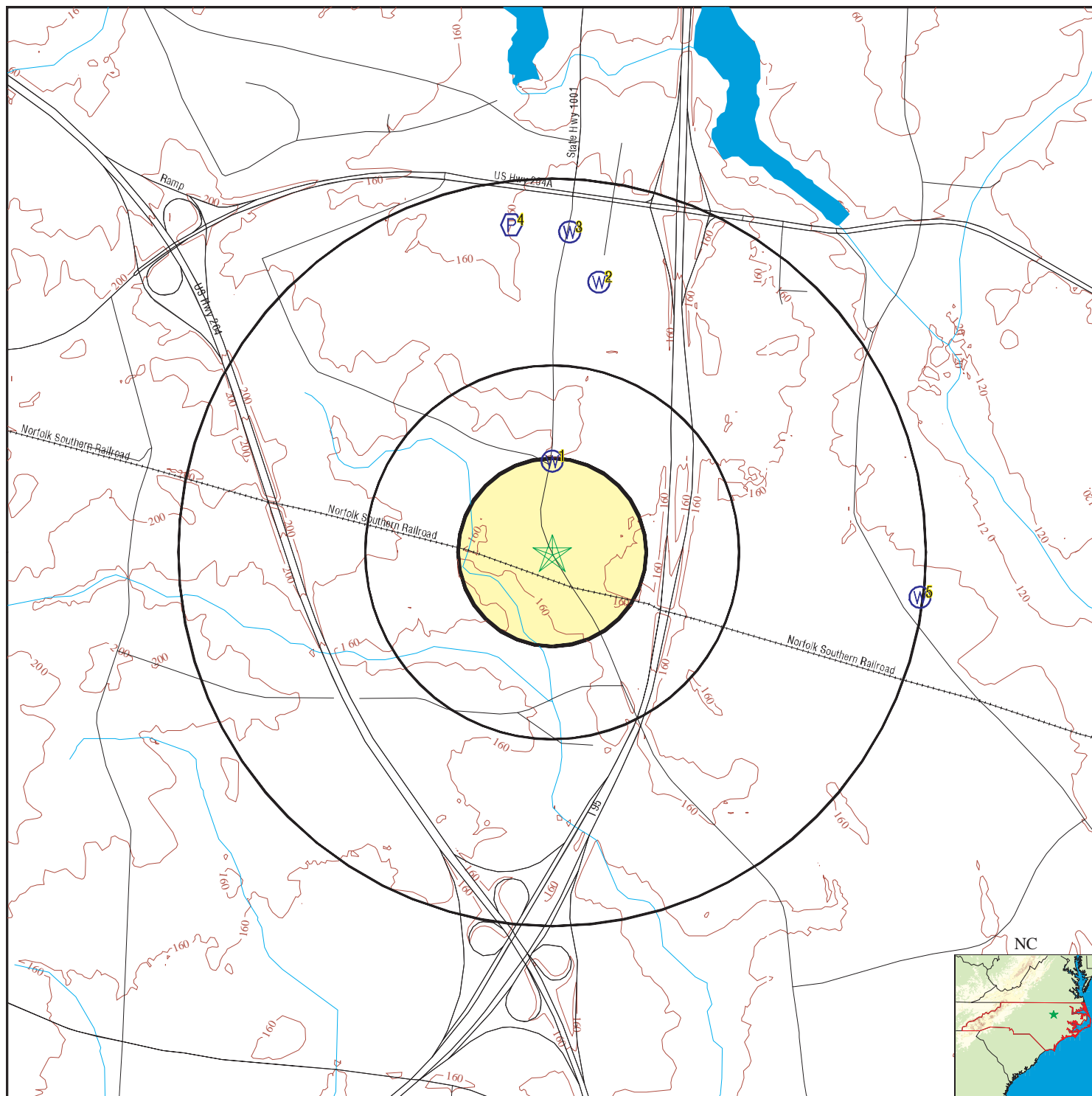
MAP ID	WELL ID	LOCATION FROM TP
4	NC0498561	1/2 - 1 Mile North

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2357746.2s



SITE NAME: Lamm Road - Wilson County
 ADDRESS: Lamm Road from Hwy 264 Alt to Independence Blvd
 Wilson NC 27893
 LAT/LONG: 35.7500 / 78.0103

CLIENT: Kimley-Horn & Associates, Inc.
 CONTACT: Anna Reusche
 INQUIRY #: 2357746.2s
 DATE: November 07, 2008 12:06 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

North
1/8 - 1/4 Mile
Higher

FED USGS USGS2233182

Agency cd:	USGS	Site no:	354512078003801
Site name:	WL-046 MRS T R SIMPSON		
Latitude:	354512		
Longitude:	0780038	Dec lat:	35.75349062
Dec lon:	-78.01026543	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	195
Country:	US	Land net:	Not Reported
Location map:	SPRING HOPE, NC	Map scale:	62500
Altitude:	180.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Contentnea, North Carolina. Area = 1010 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	COASTAL PLAIN BASEMENT		
Well depth:	64.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

2

North
1/2 - 1 Mile
Higher

FED USGS USGS2233209

Agency cd:	USGS	Site no:	354537078003001
Site name:	WL-281 M STANCIL		
Latitude:	354537		
Longitude:	0780030	Dec lat:	35.76043496
Dec lon:	-78.00804309	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	195
Country:	US	Land net:	Not Reported
Location map:	SPRING HOPE, NC	Map scale:	62500

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	179.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Contentnea. North Carolina. Area = 1010 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19720518
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	POST MIOCENE (QUATERNARY + PLIOCENE) ROCKS		
Well depth:	25.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-05-18	Ground water data end date:	1972-05-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1972-05-18	4.50	

3
North
1/2 - 1 Mile
Higher

FED USGS USGS2233214

Agency cd:	USGS	Site no:	354544078003501
Site name:	WL-045 G T LAMM		
Latitude:	354544		
Longitude:	0780035	Dec lat:	35.76237936
Dec lon:	-78.00943203	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	195
Country:	US	Land net:	Not Reported
Location map:	SPRING HOPE, NC	Map scale:	62500
Altitude:	165.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Contentnea. North Carolina. Area = 1010 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	COASTAL PLAIN BASEMENT		
Well depth:	86.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
Water quality data end date: 0000-00-00
Ground water data begin date: 1942-01-20
Ground water data count: 1

Water quality data begin date: 0000-00-00
Water quality data count: 0
Ground water data end date: 1942-01-20

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1942-01-20	12.70	

4 North 1/2 - 1 Mile Higher

FRDS PWS NC0498561

PWS ID: NC0498561 PWS Status: Active
Date Initiated: 7706 Date Deactivated: Not Reported
PWS Name: CARRIS LUCAS
WILSON, NC 27893

Addressee / Facility: System Owner/Responsible Party
CARRIS LUCAS
HWY 264
WILSON, NC 27893

Addressee / Facility: System Owner/Responsible Party
CARRIS LUCAS
HWY 264
WILSON, NC 27893

Facility Latitude: 35 45 45 Facility Longitude: 078 00 45
Facility Latitude: 35 43 15 Facility Longitude: 077 54 56
City Served: WILSON
Treatment Class: Untreated Population: 00000045

Violations information not reported.

5 East 1/2 - 1 Mile Higher

FED USGS USGS2209094

Agency cd: USGS Site no: 354453077593501
Site name: WL-236 J G HAYNES JR
Latitude: 354453
Longitude: 0775935 Dec lat: 35.74821298
Dec lon: -77.99276473 Coord meth: M
Coord acc: S Latlong datum: NAD27
Dec latlong datum: NAD83 District: 37
State: 37 County: 195
Country: US Land net: Not Reported
Location map: WILSON, NC Map scale: 62500
Altitude: 152.00
Altitude method: Interpolated from topographic map
Altitude accuracy: 5
Altitude datum: National Geodetic Vertical Datum of 1929
Hydrologic: Contentnea. North Carolina. Area = 1010 sq.mi.
Topographic: Flat surface
Site type: Ground-water other than Spring Date construction: 19701020
Date inventoried: Not Reported Mean greenwich time offset: EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	COASTAL PLAIN BASEMENT		
Well depth:	37.0	Hole depth:	37.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1970-10-20	Ground water data end date:	1970-10-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1970-10-20 14.00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

County	Result Type	Total Sites	Avg pCi/L	Range pCi/L	Result Type
WILSON	Statistical	5	0.20	-0.50-1.00	Non-Statistical
WILSON	98	1.24	0.00-6.60		

Federal EPA Radon Zone for WILSON County: 3

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

Federal Area Radon Information for Zip Code: 27893

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.033 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.000 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

North Carolina Public Water Supply Wells

Source: Department of Environmental Health

Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

NC Natural Areas: Significant Natural Heritage Areas

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon coverage identifying sites (terrestrial or aquatic) that have particular biodiversity significance.

A site's significance may be due to the presence of rare species, rare or high quality natural communities, or other important ecological features.

NC Game Lands: Wildlife Resources Commission Game Lands

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

RADON

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statistical Data

Area Radon Information

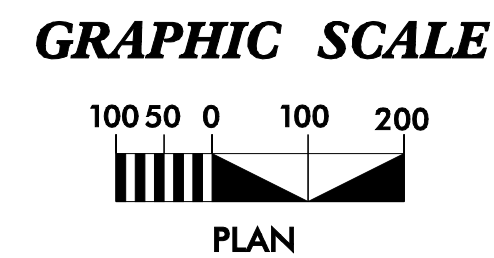
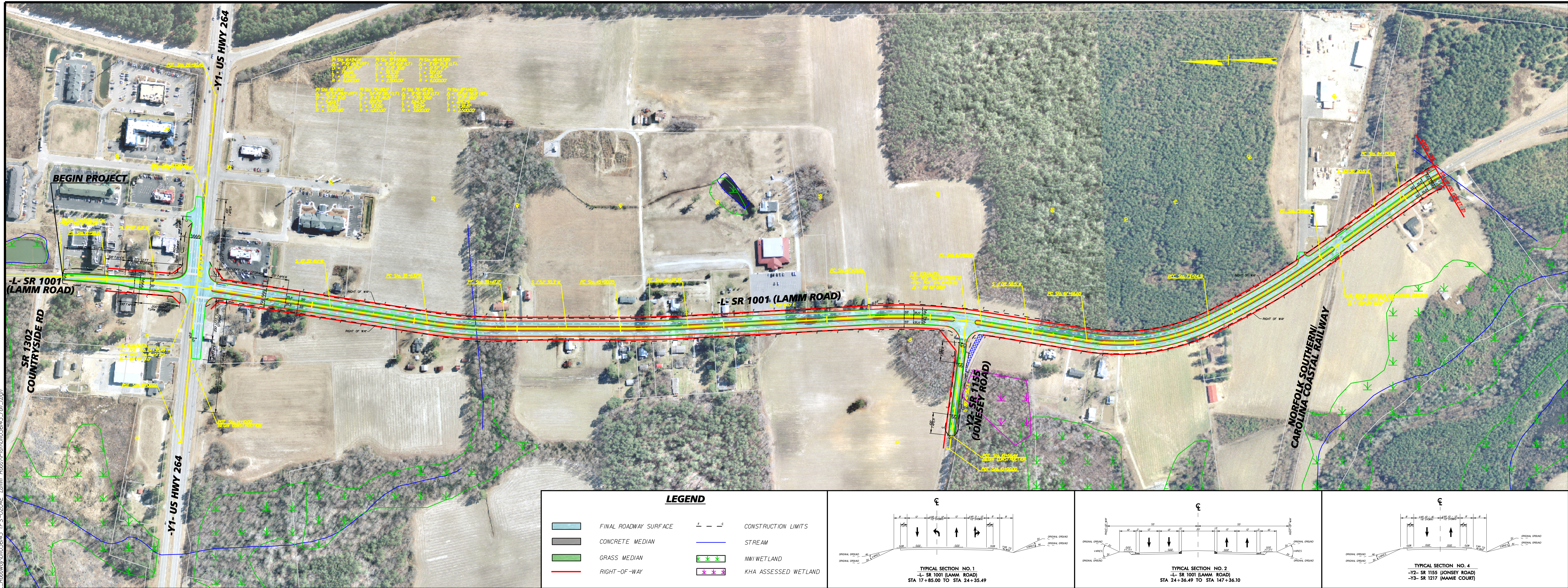
Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.



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NCDOT FEASIBILITY NO: FS-0204E

PROJECT DESCRIPTION: SR 1001 (LAMM ROAD) FEASIBILITY STUDY

DATE: 11-13-09

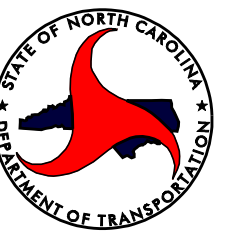
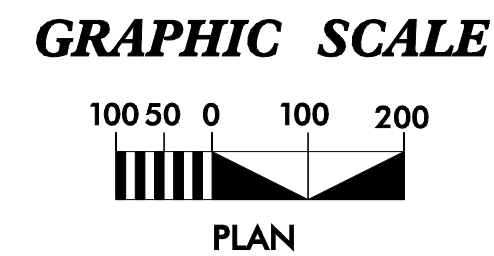
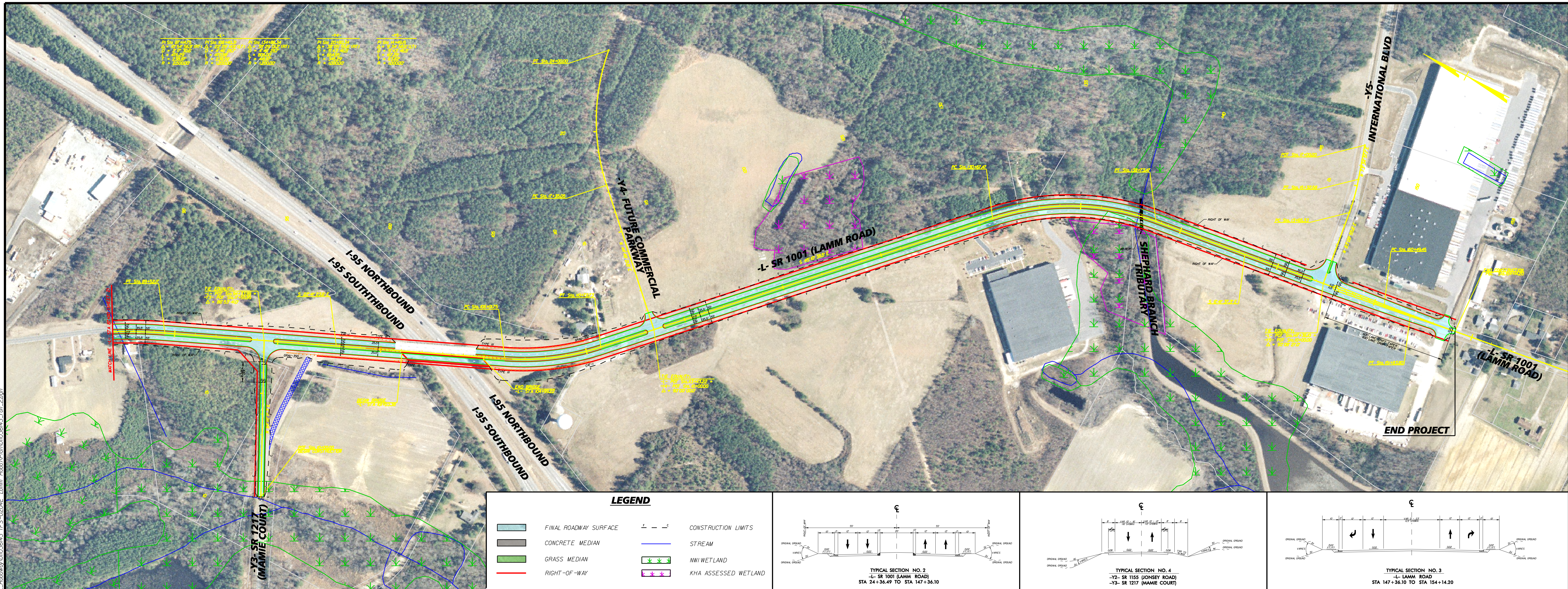


FIGURE 5: SHEET 1 OF 2

11/12/2009 K:\RAL_Roadway\01036143 (FS-0204E Lamm Road)\Plan\01036143_ral_2.dgn



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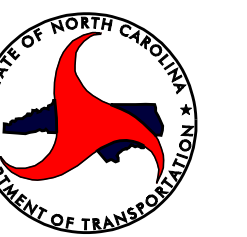


FIGURE 5: SHEET 2 OF 2

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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