

# PHASE I ENVIRONMENTAL SITE ASSESSMENT



DMV PROPERTIES

524 WEST HILL AVENUE NORTH, 520 ORANGE HEIGHTS LOOP, AND  
1010 US 70 WEST  
HILLSBOROUGH, ORANGE COUNTY, NORTH CAROLINA 27278  
ECS PROJECT NO. 49-5903

FOR

ORANGE COUNTY GOVERNMENT

JANUARY 9, 2018





January 9, 2018

Mr. Jeffrey E. Thompson  
Orange County Government  
131 West Margaret Lane  
Suite 300  
Hillsborough, North Carolina 27278

ECS Project No. 49-5903

Reference: Phase I Environmental Site Assessment Report, DMV Properties, 524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West, Hillsborough, Orange County, North Carolina 27278

Dear Mr. Thompson:

ECS Southeast, LLP (ECS) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS services were provided in general accordance with ECS Proposal No. 49-7833 authorized on December 29, 2017 and generally meet the requirements of ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

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**Project Summary**

DMV Properties  
524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West  
Hillsborough, North Carolina 27278

| Report Section |   | No Further Action | REC | CREC | HREC | BER | Comment |
|----------------|---|-------------------|-----|------|------|-----|---------|
| 4.0            | User Provided Information               | ✓                 |     |      |      |     |         |
| 5.1            | Federal ASTM Databases                  | ✓                 |     |      |      |     |         |
| 5.2            | State ASTM Databases                    | ✓                 |     |      |      |     |         |
| 5.3            | Additional Environmental Record Sources | ✓                 |     |      |      |     |         |
| 6.0            | Historical Use Information              | ✓                 |     |      |      |     |         |
| 7.0            | Site and Area Reconnaissance            | ✓                 |     |      |      |     |         |
| 8.0            | Additional Services                     | ✓                 |     |      |      |     |         |
| 9.0            | Interviews                              | ✓                 |     |      |      |     |         |

**ENVIRONMENTAL PROFESSIONAL STATEMENT**

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



Justin Roth  
Environmental Principal  
January 9, 2018

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## 1.0 EXECUTIVE SUMMARY

ECS Southeast, LLP (ECS) was contracted by Orange County Government to perform an ASTM E1527-13, Phase I Environmental Site Assessment (ESA) of the DMV Properties located at 524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West in Hillsborough, Orange County, North Carolina (i.e. subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

The subject property is identified by the Orange County Online GIS Database as Parcel Identification Numbers (PINs) 9864397758, 9864392344, and 9864398253 and are owned by Ms. Mary Copeland, Mr. Wayne Tilley and Ms. Betsy Tilley. The approximately 20.72-acre subject property is occupied by undeveloped fields, a pond, and wooded, undeveloped land. A shed is located in the wooded area near the northeastern boundary.

The subject property is located in a residential area of Hillsborough. The subject property is bound on the north by Highway 70 and a paved circular driveway, beyond which is the North Carolina Department of Motor Vehicles office (DMV), on the east by residential and agricultural structures; on the south by single-family residences Orange Heights Loop and West Hill Avenue North; and on the west by single-family residences and wooded, undeveloped land. We did not identify adjoining or nearby properties that are considered a Recognized Environmental Condition (REC) for the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property was developed with agricultural land from at least 1938 until the present. Two ponds have been present for various periods of time along the western portion of the property. An agricultural structure was located near the circular driveway north of the property from at least 1950 until at least 1982. A second agricultural structure was located on the southeastern portion of the property from at least 1955 until at least 1982. The southern boundary has been wooded, undeveloped land since at least the mid 1980s. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Historical aerial photographs depict apparent residential structures on the subject property that were not located on the subject property during our site reconnaissance. ECS does not have technical evidence how these structures were heated, or if the structures utilized septic tanks or water supply wells. Based on the age, it is possible that the structures were heated with oil stored in USTs. ECS did not observe evidence of USTs, septic tanks, or water supply wells during our site reconnaissance. While not considered a REC, if encountered during site development, USTs, septic systems, and water supply wells should be closed in accordance with applicable laws.

The subject property was historically used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a "release to the environment." Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had



occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally agricultural land or wooded, undeveloped land in the 1930s. Roads now known as US Highway 70 and West Hill Avenue North have been located to the north and southwest of the property since at least 1938. Single-family residences, some with agricultural structures, have been present in the area since at least 1950. A structure north of the property, currently occupied by the DMV has been present since the mid 1950s. The building was formerly occupied by the North Carolina Highway Patrol. Single family residences and Orange Heights Loop were developed south of the property in the mid 1960s and other than the addition of residential properties, the area has remained relatively unchanged.

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report did not identify the subject property on the databases researched. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of available public records, none of the listings are believed to represent a REC for the subject property.

ASTM E1527-13 defines a "data gap" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information". Data gaps which would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-13 of the DMV Properties located at 524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West in Hillsborough, Orange County, North Carolina. Exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

## 2.0 INTRODUCTION

### 2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- evaluate the probability of impact to the surface water, groundwater and/or soils within the property boundaries through a review of regulatory information and a reconnaissance of the subject property and vicinity;
- evaluate historical land usage to identify previous conditions that could potentially impact the environmental condition of the subject property;
- conduct all appropriate inquiry as defined by ASTM E1527-13 and 40 CFR Part 312;
- evaluate the potential for on-site and off-site contamination; and,
- provide a professional opinion regarding the potential for environmental impact at the site and a list of Recognized Environmental Conditions (RECs).

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527- 13 standard.

The reason for conducting this ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property pending a real estate transaction,

### 2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-13 and EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by Orange County Government to perform an ASTM E1527-13, Phase I Environmental Site Assessment (ESA) of the DMV Properties located at 524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West in Hillsborough, Orange County, North Carolina. ECS was not contracted to address non-scope considerations.

### 2.3 Definitions

ASTM E1527-13 defines a "recognized environmental condition (REC)" as "the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: 1) due to release to the environment, 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment." For the purposes of this practice, "migrate" and "migration" refer to the movement of hazardous substances or petroleum products in any form including solid and liquid at the surface or subsurface and vapor in the subsurface.



ASTM E1527-13 defines a "business environmental risk" (BER) as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice". ECS also uses the term "Other Environmental Considerations" to discuss BERs and environmental concerns outside of the ASTM E1527-13 requirements (radon, asbestos, lead, wetlands, etc.). Client-imposed limitations and site condition limitations, if encountered, are detailed in Section 7.1 Methodology and Limiting Conditions.

ASTM E1527-13 defines a "de minimis condition" as a condition that generally does not represent a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. De minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

ASTM E1527-13 defines a "controlled recognized environmental condition (CREC)" as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition identified as a controlled recognized environmental condition does not imply that the Environmental Professional has evaluated or confirmed the adequacy, implementation or continued effectiveness of the required control that has been, or is intended to be, implemented.

ASTM E1527-13 defines a "historical recognized environmental condition (HREC)" as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the Environmental Professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria).

## 2.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. No non-scope considerations or additional issues such as asbestos, radon, wetlands or mold were investigated, unless otherwise described in Section 8.0 of this report.

Note: vapor migration in the subsurface is described in Guide E2600 published by ASTM. ECS has not conducted a Vapor Encroachment Screen in accordance with the E2600 guide.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same

profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with the subject property; however, no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of Orange County Government. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance.

## **2.5 Data Gaps**

Data failures (historical data gaps) were identified during the historical research of this subject property. Use of the subject property was generally documented back to 1938. Historical information was missing for various periods. However, due to the apparent historical use as agricultural land, the historical data gaps are not expected to impact our ability to render a professional opinion regarding the subject property.

## **2.6 Limiting Conditions/Deviations**

ASTM E1527-13 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-13 standard, if any, including client-imposed constraints.

Dense vegetation covered portions of the subject property along the southern and eastern boundaries and may have obscured environmentally significant features and direct observation of the ground surface.

### 3.0 SUBJECT PROPERTY DESCRIPTION

#### 3.1 Subject Property Location and Legal Description

|                                   |  |
|-----------------------------------|--|
| <b>Site Name</b>                  | DMV Properties   |
| <b>Property Address</b>           | 524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West |
| <b>Property City, State</b>       | Hillsborough, North Carolina   |
| <b>Property County</b>            | Orange County  |
| <b>Number of Parcels</b>          | Three  |
| <b>Property ID Number(s)</b>      | 9864397758, 9864392344, and 9864398253                                   |
| <b>Property Size</b>              | 20.72 Acres  |
| <b>Property Owner of Record</b>   | Ms. Mary Copeland, Mr. Wayne Tilley and Ms. Betsy Tilley                 |
| <b>Property Legal Description</b> | Not provided   |

#### 3.2 Physical Setting and Hydrogeology

|   |   |
|---|---|
| <b>USGS Topographic Map</b>                                 |   |
| <b>Quad Designation</b>                                     | Hillsborough, North Carolina  |
| <b>Date</b>   | 2013  |
| <b>Subject Property Settings</b>                            |   |
| <b>Average Subject Property Elevation (in ft or meters)</b> | 620 to 640 feet   |
| <b>General Sloping Direction</b>                            | South   |
| <b>Bodies of Water</b>                                      | A pond is located on the southwestern portion of the property   |
| <b>General Directions of Surface Flow</b>                   | Surface water will flow to the pond on the southwestern portion of the property, then off-site to an unnamed tributary to the Eno River |
| <b>Presumed Direction of Groundwater Flow</b>               | South   |
| <b>Geologic Province</b>                                    | Piedmont  |
| <b>Up-gradient Property Direction</b>                       | North   |

| <b>Nearby Properties' Setting</b>             |  |
|---|--|
| <b>General Sloping Direction</b>              | Areas north of Highway 70 slope northwest, areas to the east slope eastward, areas to the south and west slope southward   |
| <b>Bodies of Water</b>                        | Unnamed tributaries and ponds are located to the east, south, and west   |
| <b>General Directions of Surface Flow</b>     | Surface waters will flow northwest for properties located to the north, to the east for properties located to the east, and to the south for properties located south and west of the property |
| <b>Presumed Direction of Groundwater Flow</b> | Groundwater will flow northwest for properties located to the north, to the east for properties located to the east, and to the south for properties located south and west of the property    |

Regional influences may have an impact on groundwater flow. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

### **3.3 Current Use and Description of the Site**

The subject property consists of an approximately 20.72-acre parcel of land that consists of a pond, undeveloped field, and wooded land. The subject property is located in an area that can generally be described as residential.

#### **4.0 USER PROVIDED INFORMATION**

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for Recognized Environmental Conditions associated with the subject property. The ASTM E1527-13 User Questionnaire was submitted to and completed by Ms. Angel Barnes, representing Orange County Government (User of the report). Section 4.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

#### **4.1 Title Information**

ECS was not provided with title information by the User. If this information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

#### **4.2 Environmental Liens or Activity and Use Limitations**

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA. If the activity use information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

#### **4.3 Specialized Knowledge**

The User indicated that they did not possess specialized knowledge of the subject property.

#### **4.4 Commonly Known or Reasonably Ascertainable Information**

The User indicated that they were not aware of commonly known environmental concerns related to the subject property.

#### **4.5 Valuation Reduction for Environmental Issues**

According to the User, the purchase price being paid for the subject property reasonably reflects its fair market value.

#### **4.6 Owner, Property Manager, and Occupant Information**

The User indicated that Mr. Mark O'Neal is the broker for the properties. Individual owners are unknown.



#### **4.7 Degree of Obviousness**

The User stated that they were not aware of obvious indicators that point to the presence or likely presence of contamination at the subject property.

## 5.0 RECORDS REVIEW

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

| <b>Standard Environmental Record Sources</b>                | <b>Approximate Minimum Search Distance Per ASTM (miles)</b> | <b>Subject Property</b> | <b>Off-Site Properties</b> |
|---|---|-------------------------|----------------------------|
| Federal NPL   | 1.0   | No                      | 0                          |
| Federal Delisted NPL  | 0.5   | No                      | 0                          |
| Federal CERCLIS   | 0.5   | No                      | 0                          |
| Federal CERCLIS NFRAP                                       | 0.5   | No                      | 0                          |
| Federal RCRA CORRACTS                                       | 1.0   | No                      | 0                          |
| Federal RCRA non-CORRACTS TSD                               | 0.5   | No                      | 0                          |
| Federal RCRA Generators                                     | Subject Site and Adjoining Properties                       | No                      | 0                          |
| Federal IC/EC   | Subject Site Only   | No                      | 0                          |
| Federal ERNS  | Subject Site Only   | No                      | 0                          |
| State and Tribal Hazardous Waste Sites (NPL Equivalent)     | 1.0   | No                      | 0                          |
| State and Tribal Hazardous Waste Sites (CERCLIS Equivalent) | 0.5   | No                      | 0                          |
| State and Tribal Landfill and/or solid waste disposal sites | 0.5   | No                      | 0                          |
| State and Tribal Leaking Tanks                              | 0.5   | No                      | 6                          |

| Standard Environmental Record Sources    | Approximate Minimum Search Distance Per ASTM (miles) | Subject Property | Off-Site Properties |
|--|--|------------------|---------------------|
| State and Tribal Registered UST and AST  | Subject Site and Adjoining Properties                | No               | 1                   |
| State and Tribal IC/EC                   | Subject Site Only                                    | No               | 0                   |
| State and Tribal Voluntary Cleanup (VCP) | 0.5  | No               | 0                   |
| State and Tribal Brownfield Sites        | 0.5  | No               | 0                   |

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory record search was performed by EDR and dated December 29, 2017. ECS did not reduce the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by EDR.

## 5.1 Federal ASTM Databases

Neither the subject property nor properties within the designated search radii were identified on the federal databases researched for this assessment.

## 5.2 State ASTM Databases

### 5.2.1 Leaking Underground Storage Tank (LUST) List

The LUST list is a record of reported leaking underground storage tank incidents. The LUST list may also identify properties that have had soil and/or groundwater contamination associated with documented releases from aboveground storage tanks, surface spills, and other sources.

**NC Highway Patrol, 1201 US 70 West** - located adjacent to the north and upgradient of the subject property (now the NC Drivers License facility). According to the EDR report, soil contamination was identified during the removal of two USTs in 1993. The EDR report states the regulatory file is missing, but notes in the EDR stated a Comprehensive Site Assessment (CSA) report submitted to the North Carolina Department of Environmental Quality (NCDEQ) indicated that laboratory analysis of total petroleum hydrocarbons were identified at 217 parts per million in a sample. Groundwater was not encountered during the excavation. Approximately 285 tons of impacted soils were removed from the property. Groundwater from this site was determined to be to the northwest, away from the subject property. The regulatory file is in the response phase with the NCDEQ. Based on the direction of groundwater

to the northwest, away from the subject property and the lack of groundwater contamination, ECS does not consider this incident to be a REC of the subject property.

**Orange County Maintenance Facility, 600 NC Highway 86 North** - located greater than 1,000 feet northeast of the subject property. The listing in the EDR report is mis-mapped. Based on the distance to the subject property, ECS does not consider this facility to be a REC of the subject property.

**Exxon 4-0533, 200 North Churton Street** - located greater than 1,000 feet northeast of the subject property. The listing in the EDR report is mis-mapped. Based on the distance to the subject property, ECS does not consider this facility to be a REC of the subject property.

**WL Phelps General Merchandise, 7403 NC 86 North** - located greater than 1,000 feet northeast of the subject property. The listing in the EDR report is mis-mapped. Based on the distance to the subject property, ECS does not consider this facility to be a REC of the subject property.

**Larry's Bait and Tackle Shop** - located greater than 1,000 feet from the subject property. Based on the distance to the subject property, ECS does not consider this facility to be a REC of the subject property.

## 5.2.2 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.

**WL Phelps General Merchandise, 7403 NC 86 North** - located greater than 1,000 feet northeast of the subject property. The listing in the EDR report is mis-mapped. Based on the distance to the subject property, ECS does not consider this facility to be a REC of the subject property.

## 5.3 Additional Environmental Record Sources

### 5.3.1 Additional Non-ASTM Federal Databases

Neither the subject property nor properties within the designated search radii were identified on the federal databases researched for this assessment.

### 5.3.2 Additional Non-ASTM State Databases

#### 5.3.2.1 Leaking Underground Storage Tanks (LUST TRUST)

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



**Lloyds Quickie Mart, 610 North Church Street** - located greater than 1,000 feet northeast of the subject property. This facility is mis-mapped in the EDR report. Based on the distance to the subject property, ECS does not consider this facility to be a REC of the subject property.

### 5.3.2.2 Incident Management Database (IMD)

The IMD is a database of groundwater and soil contamination incidents.

**Lloyds Quickie Mart, 610 North Church Street** - located greater than 1,000 feet northeast of the subject property. Please see the LUST Trust listing in Section 5.3.2.1 for additional information.

**NC Highway Patrol, 1201 US 70 West** - located adjacent to the north and upgradient of the subject property (now the NC Drivers License facility). Please see the LUST listing in Section 5.2.1 for additional information.

**Exxon 4-0533, 200 North Churton Street** - located greater than 1,000 feet northeast of the subject property. Please see the LUST listing in Section 5.2.1 for additional information.

**Larry's Bait and Tackle Shop** - located greater than 1,000 feet from the subject property. Please see the LUST listing in Section 5.2.1 for additional information.

### 5.3.3 Unmapped (Orphan) Facilities and Sites

Several properties were identified on the Orphan Summary List. These facilities are considered as unmappable because the facility information in the database is insufficient and does not report accurate facility location.

## 5.4 Regulatory Review Summary

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report did not identify the subject property on the databases researched. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of available public records, ECS does not consider the listings to be potential sources of soil, groundwater or vapor impact to the subject property. Therefore, ECS does not consider the listed sites to be RECs for the subject property.

## 6.0 HISTORICAL USE INFORMATION

### 6.1 Aerial Photograph Review

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage which may indicate potential environmental issues. The aerial photographs were obtained from Google Earth and EDR. The aerial photographs reviewed were dated 1938, 1950, 1955, 1964, 1973, 1975, 1982, 1993, 1999, 2005, 2006, 2009, 2009, 2010, 2012, 2014, and 2017. Aerial photographs dated prior to 1938 were not available for review. The ECS review is dependent on the quality and scale of the photographs. The following is a description of relevant information from the aerial photographs:

| Year(s) | Subject Property   | Adjoining Properties   | REC?<br>(yes<br>or<br>no) |
|---------|--|--|---------------------------|
| 1938    | Agricultural land  | North - Undeveloped land and a road now known as US 70 West, beyond which is agricultural and wooded, undeveloped land<br>East - Residential and agricultural structures, agricultural land and wooded, undeveloped land<br>South - Agricultural land, wooded land, and a road now known as West Hill Avenue North<br>West - A residential structure and agricultural land | No                        |
| 1950    | Similar to 1938. A pond is now present on the southwestern portion of the property | Similar to 1938.   | No                        |
| 1955    | Similar to 1950. A structure is present along the northern boundary.               | North - Highway 70 West and a driveway, beyond which are a structure with associated driveway, a residence, and agricultural land<br>East-Similar to 1950<br>South - Similar to 1950<br>West -Similar to 1950  | No                        |

| Year(s)  | Subject Property  | Adjoining Properties   | REC?<br>(yes<br>or<br>no) |
|--|---|--|---------------------------|
| 1964 and<br>1973   | Similar to 1955. A structure is also located on the southeastern portion of the property  | North, east, and west are similar to 1955.<br>South - Single-family residences and a road now known as Orange Heights Loop | No                        |
| 1982   | Similar to 1973. The pond is not visible on the southeastern portion. A pond is now located on the western boundary on the central portion  | Similar to 1973  | No                        |
| 1993 and<br>1999   | Agricultural land with multiple paths transecting the property. The southern portion consists of wooded land. The pond is present on the western boundary. The structures are not visible | Similar to 1982  | No                        |
| 2005, 2006,<br>2008, 2009,<br>2010, 2012,<br>2014, and<br>2017 | Agricultural land and wooded, undeveloped land. A pond is located along the western boundary.   | Similar to 1999  | No                        |

## 6.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS utilized EDR to search for historical Sanborn Fire Insurance Maps (Sanborn) for the subject property and surrounding area. Sanborn maps were not available for this area. The absence of such maps generally indicates that the subject property is located in an area where Sanborn maps were not produced because the area was rural or it was not economically feasible. ECS does not expect the lack of Sanborn maps to impact our ability to render a professional opinion concerning the subject property given the amount of historical information obtained from our research, the USGS topographic map, aerial photographs, city directories, and other historical records obtained. A copy of the Unmapped Property report is included within Appendix IV.

## 6.3 Property Tax Files

Property tax files may include records of past ownership, appraisals, maps, sketches, photos or other information kept by the local jurisdiction for property tax assessment purposes. According to the Orange County tax assessor on-line information, the subject property is owned by Ms. Mary Copeland, Mr. Wayne Tilley and Ms. Betsy Tilley. The subject property is listed as a 20.72-acre parcel with an identification number of 9864397758, 9864392344, and 9864398253.



#### 6.4 Recorded Land Title Records

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

ECS was not provided with Land Title Records. ECS reviewed the Orange County Register of Deeds website to obtain land title records.

Property One (PIN 9864397758) was acquired by Mr. Wayne W. Tilley and wife Ms. Betsy Tilley from Ms. Jean Hall on December 5, 2008 (Deed Book 4638, Page 201).

Property Two (PIN 9864392344) was acquired by Ms. Mary Hall Copeland from the property designed at "Leory Hall Estate Partition" revised July 17, 2003 as per an Order of Confirmation of Commissioners' Second Revised Final Report dated August 14, 2003, recorded as Book 3466, Page 29.

Property Three (PIN 9864398253) was acquired by Mr. Wayne Tilley and Ms. Betsy Tilley from themselves dated October 25, 2011 (Deed Book 5244, Page 78). This parcel was designed as a portion of the Leroy Hall Estate Partition dated October 17, 2002.

#### 6.5 Historical USGS Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS) for various time periods. ECS reviewed Historical Topographic Maps depicting the subject property covering the following years: 1968, 1981, 1994, 1999, 2002, and 2013.

| Year(s) | Subject Property   | Adjoining Properties  | REC?<br>(yes<br>or<br>no) |
|---------|--|---|---------------------------|
| 1968    | Agricultural land. A pond is located on the southwestern portion   | North - Highway 70, beyond which are two structures and driveways<br>East- Two structures and unpaved road<br>South - Residential structures with associated road, an additional road, and a pond farther south<br>West- Residential structures | No                        |
| 1981    | The western portion of the property is not depicted. A structure is depicted on the southeastern portion and a pond the southwestern portion | North - portions are not depicted.<br>The remainder consists of agricultural land<br>East-Similar to 1968<br>South - Similar to 1968. Additional structures are present<br>West- Not depicted   | No                        |

| Year(s) | Subject Property   | Adjoining Properties  | REC?<br>(yes<br>or<br>no) |
|---------|--|---|---------------------------|
| 1994    | Similar to 1981  | North - Driveways, Highway 70, and two structures<br>East- Multiple structures and unpaved driveway<br>South - Multiple residential structures and associated roads, an additional road, pond, and church<br>West - Multiple structures, driveway, agricultural and wooded land | No                        |
| 1999    | Similar to 1994. The western portion of the property is not visible  | North - Portions are not visible on the map. A road and agricultural land are present<br>East and south are similar to 1994<br>West- not depicted   | No                        |
| 2002    | The majority of the property is not depicted. A portion of the pond on the southwestern portion is visible                 | North - Portions are not visible. Highway 70, two structures and driveways are present<br>East and south are not depicted<br>West- Residential structures, a road, and a church   | No                        |
| 2013    | Structures are not depicted on the map<br>Undeveloped land. A pond is depicted on the southwestern portion of the property | Structures are not depicted on the map<br>North - Highway 70, West Hill Avenue north to the southwest. Unnamed tributaries are located to the east, south, and northwest  | No                        |

## 6.6 City Directory Review

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as City Directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directories information is limited.

ECS reviewed city directories city directories obtained from EDR. The directories reviewed were dated 1992, 1995, 2000, 2005, 2010, and 2014. Directories dated prior to 1992 were not available for review. The subject property address utilized for the research was 524 West Hill Avenue North, 520 Orange

Heights Loop, and 1010 US 70 WestThe following is a description of relevant information from the city directories:

| Year(s)  | Listed Occupants  | REC? (yes or no) |
|--|---|------------------|
| <b>Subject Property (524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West)</b> |   |                  |
| 1992 to 2014   | Not listed in the directories   | No               |
| <b>Northern Adjacent (1109 and 1201 US 70 West)</b>  |   |                  |
| 2000 and 2005  | Division of Motor Vehicles  | No               |
| 2010 and 2014  | Division of Motor Vehicles, NC Highway Patrol, and Crime Control (1201), Single-family (1109) | No               |
| <b>Eastern Adjacent (1014 US 70 West and 500 Orange Heights Loop)</b>                              |   |                  |
| 2010 and 2014  | Single-family (1014)  | No               |
| <b>Southern Adjacent (518 West Hill Avenue North, 600 and 605 Orange Heights Loop)</b>             |   |                  |
| 1995, 2000, and 2005   | Single-family (518)   | No               |
| 2010 and 2014  | Single Family   | No               |
| <b>Western Adjacent (1220 US 70 West and 604 West Hill Avenue North)</b>                           |   |                  |
| 1992   | Single-family (604)   | No               |
| 2005 and 2010  | Single-family (1220)  | No               |

### 6.7 Building Department Records

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the property.

ECS reviewed the Orange County Building Permit and Inspections website on January 3, 2018 to review permits for the subject property. According to the website, there are no permits for the property. Permits for Orange County are only available for dates after January 29, 2002. Records prior to then are not available.

### 6.8 Zoning/Land Use Records

The term zoning/land use records refers to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. According to the Town of Hillsborough zoning map, the property is zoned for agricultural or residential use.



## 6.9 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information.

Ms. Zirpolo contacted the Town of Hillsborough Fire Marshall's office on January 2, 2018 regarding environmental spills, incidents, or code violations for the subject property. At the time of this report, a response had not been received. If a response is received, and materially changes the conclusions of the report, ECS will issue an addendum to this report.

Ms. Zirpolo contacted Mr. Phil Vilaro, with the Orange County Environmental Health Department on January 2, 2018 regarding water supply wells, septic system permits, or spills of petroleum or hazardous products. At the time of this report, a response had not been received. According to Mr. Vilaro, a file for 1010 US 70 West was not found in records. Mr. Vilaro stated that improvement permits were issued for 524 West Hill Avenue North and 520 Orange Heights Loop as part of a proposed subdivision; however, permits for these two addresses do not show systems were installed.

## 6.10 Previous Reports

We have not been provided with environmental or engineering assessment reports for the subject property completed by others, nor has ECS completed similar studies or prior assessments of the subject property.

## 6.11 Historical Use Summary

Based on the records search, site reconnaissance and interviews, it appears that the subject property was developed with agricultural land from at least 1938 until the present. Two ponds have been present for various periods of time along the western portion of the property. An agricultural structure was located near the circular driveway north of the property from at least 1950 until at least 1982. A second agricultural structure was located on the southeastern portion of the property from at least 1955 until at least 1982. The southern boundary has been wooded, undeveloped land since at least the mid 1980s. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Historical aerial photographs depict apparent residential structures on the subject property that were not located on the subject property during our site reconnaissance. ECS does not have technical evidence how these structures were heated, or if the structures utilized septic tanks or water supply wells. Based on the age, it is possible that the structures were heated with oil stored in USTs. ECS did not observe evidence of USTs, septic tanks, or water supply wells during our site reconnaissance. While not considered a REC, if encountered during site development, USTs, septic systems, and water supply wells should be closed in accordance with applicable laws.

The subject property was historically used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not

constitute a "release to the environment." Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally agricultural land or wooded, undeveloped land in the 1930s. Roads now known as US Highway 70 and West Hill Avenue North have been located to the north and southwest of the property since at least 1938. Single-family residences, some with agricultural structures, have been present in the area since at least 1950. A structure north of the property, currently occupied by the DMV has been present since the mid 1950s. The building was formerly occupied by the North Carolina Highway Patrol. Single family residences and Orange Heights Loop were developed south of the property in the mid 1960s and other than the addition of residential properties, the area has remained relatively unchanged.

No obvious indications of RECs were identified in the historical data review.

## 7.0 SITE AND AREA RECONNAISSANCE

### 7.1 Methodology

Ms. Shannon Zirpolo of ECS conducted the field reconnaissance on January 9, 2018. The weather at the time of the reconnaissance was approximately 55 degrees Fahrenheit and sunny. Observations were made from a walking reconnaissance around the perimeter and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 2.6. Subject property photographs are included in Appendix V.

### 7.2 On-Site Features

The subject property consists of three contiguous parcels that total approximately 20.72 acres. The parcels consist of undeveloped fields, wooded land, and a pond. A small shed is located in the wooded area on the northeastern portion of the property, adjacent to Highway 70. Overhead power lines transect the western portion of the property from north to south.

The table below lists pertinent features of interest that were assessed for the subject property. Relevant information regarding pertinent features is discussed further in this section.

| Feature   | Yes | No |
|---|-----|----|
| Underground or aboveground storage tanks  |     | ✓  |
| Strong, pungent or noxious odors  |     | ✓  |
| Surface waters  | ✓   |    |
| Standing pools of liquid likely containing petroleum or hazardous substances                |     | ✓  |
| Drums or containers of petroleum or hazardous substances greater than five-gallons          |     | ✓  |
| Drums or containers of petroleum or hazardous substances less than or equal to five-gallons |     | ✓  |
| Unidentified opened or damaged containers of hazardous substances or petroleum products     |     | ✓  |
| Known or suspect PCB-containing equipment (excluding light ballasts)                        |     | ✓  |
| Stains or corrosion to floors, walls or ceilings  |     | ✓  |
| Floor drains and sump pumps   |     | ✓  |
| Pits, ponds or lagoons  | ✓   |    |
| Stained soil or pavement  |     | ✓  |
| Stressed vegetation   |     | ✓  |

| Feature   | Yes | No |
|---|-----|----|
| Solid waste mounds or non-natural fill materials  |     | ✓  |
| Wastewater discharges into drains, ditches or streams   |     | ✓  |
| Groundwater wells including potable, monitoring, dry, irrigation, injections and/or abandoned |     | ✓  |
| Septic systems or cesspools   |     | ✓  |
| Elevators   |     | ✓  |
| Dry cleaning  |     | ✓  |
| Onsite emergency electrical generators  |     | ✓  |
| Specialized industrial equipment (paint booths, bag houses, etc.,) on-site                    |     | ✓  |
| Hydraulic lifts   |     | ✓  |
| Oil-water separators  |     | ✓  |
| Compressors on-site   |     | ✓  |
| Grease traps  |     | ✓  |

### 7.2.1 Surface waters

A pond is located in the wooded area on the western property boundary. ECS did not observe petroleum sheens on the surface water at the time of our assessment.

### 7.2.2 Pits, ponds or lagoons

As previously stated, a pond is located in the wooded area on the western property boundary. ECS did not observe petroleum sheens on the surface water at the time of our assessment.

### 7.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a primarily residential area of Hillsborough, Orange County, North Carolina.

| Direction | Description  | Relative Gradient | REC |
|-----------|--|-------------------|-----|
| North     | Highway 70 (Cornelius Street) and a paved driveway, beyond which is the North Carolina Department of Motor Vehicles office | Cross-gradient    | No  |
| East      | Single-family residence with agricultural structures   | Up-gradient       | No  |
| South     | Single-family residences and mobile homes  | Down-gradient     | No  |

| <b>Direction</b> | <b>Description</b>                       | <b>Relative Gradient</b> | <b>REC</b> |
|------------------|--|--------------------------|------------|
| West             | Single-family residences and wooded land | Cross to downgradient    | No         |

#### **7.4 Site and Area Reconnaissance Summary**

According to our site observations and a review of adjoining and nearby properties, the subject property consists of an undeveloped field, pond, and wooded, undeveloped land. The subject property is located in a primarily residential area of Hillsborough. Details pertaining to our on-site and off-site observations are referenced previously. We did not identify on-site or off-site RECs associated with the subject property or neighboring properties and businesses during the reconnaissance.

## 8.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands and mold.

ECS was not authorized to assess non-scope issues in conjunction with this assessment.

## 9.0 INTERVIEWS

Ms. Shannon Zirpolo received information from Ms. Sherrie Kinnison, the daughter of Ms. Copeland, one of the property owners and power of attorney. According to Ms. Kinnison, the property was originally one parcel which was subdivided into three parcels, each owned by one sister. According to Ms. Kinnison, fill was placed on the parcel owned by Ms Copeland and she believes the soil was from a state roadwork/bridge location. The work was performed by Dreamworks Grading and Mr. Phillip Moody. Ms. Kinnison indicated she is not aware of 1) environmental concerns associated with the subject property; 2) any pending, past, or threatened administrative litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or 3) any government notices regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products.

## 10.0 FINDINGS AND CONCLUSIONS

The subject property is identified by the Orange County Online GIS Database as PINs 9864397758, 9864392344, and 9864398253 and are owned by Ms. Mary Copeland, Mr. Wayne Tilley and Ms. Betsy Tilley. The approximately 20.72-acre subject property is occupied by undeveloped fields, a pond, and wooded, undeveloped land. A shed is located in the wooded area near the northeastern boundary.

The subject property is located in a residential area of Hillsborough. The subject property is bound on the north by Highway 70 and a paved circular driveway, beyond which is the North Carolina Department of Motor Vehicles office (DMV), on the east by residential and agricultural structures; on the south by single-family residences Orange Heights Loop and West Hill Avenue North; and on the west by single-family residences and wooded, undeveloped land. We did not identify adjoining or nearby properties that are considered a REC for the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property was developed with agricultural land from at least 1938 until the present. Two ponds have been present for various periods of time along the western portion of the property. An agricultural structure was located near the circular driveway north of the property from at least 1950 until at least 1982. A second agricultural structure was located on the southeastern portion of the property from at least 1955 until at least 1982. The southern boundary has been wooded, undeveloped land since at least the mid 1980s. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Historical aerial photographs depict apparent residential structures on the subject property that were not located on the subject property during our site reconnaissance. ECS does not have technical evidence how these structures were heated, or if the structures utilized septic tanks or water supply wells. Based on the age, it is possible that the structures were heated with oil stored in USTs. ECS did not observe evidence of USTs, septic tanks, or water supply wells during our site reconnaissance. While not considered a REC, if encountered during site development, USTs, septic systems, and water supply wells should be closed in accordance with applicable laws.

The subject property was historically used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a "release to the environment." Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally agricultural land or wooded, undeveloped land in the 1930s. Roads now known as US Highway 70 and West Hill Avenue North have been located to the north and southwest of the property since at least 1938. Single-family residences, some with agricultural structures, have been present in the area since at least 1950. A structure north of the property, currently occupied by the DMV has been present since the mid 1950s. The building was formerly occupied by the North Carolina Highway Patrol. Single



family residences and Orange Heights Loop were developed south of the property in the mid 1960s and other than the addition of residential properties, the area has remained relatively unchanged.

A regulatory database search report was provided by EDR. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report did not identify the subject property on the databases researched. The EDR report identified several off-site properties within the minimum ASTM search distances. Based on our review of available public records, none of the listings are believed to represent a REC for the subject property.

ASTM E1527-13 defines a "data gap" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information". Data gaps which would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-13 of the DMV Properties located at 524 West Hill Avenue North, 520 Orange Heights Loop, and 1010 US 70 West in Hillsborough, Orange County, North Carolina. Exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

## 11.0 REFERENCES

ASTM E 1527-13. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

EDR Aerial Photo Decade Package (1938, 1950, 1955, 1964, 1973, 1975, 1982, 1993, 1999, 2005, 2006, 2008, 2009, 2010, and 2012, Environmental Data Resources, Inc., dated December 29, 2017.

EDR City Directory Abstract (1992, 1995, 2000, 2005, 2010, and 2014), Environmental Data Resources, Inc., dated December 31, 2017.

EDR Radius Map Report, Environmental Data Resources, Inc., dated December 29, 2017.

EDR Sanborn Map Report, Environmental Data Resources, Inc., dated December 29, 2017.

EDR Historical Topo Map Report (1968, 1981, 1994, 1999, 2002, and 2013), Environmental Data Resources, Inc. dated December 29, 2017.

Google Earth, 2017.

Hillsboro Zoning Department.

Orange County Building and Permitting Website.

Orange County GIS Department website.

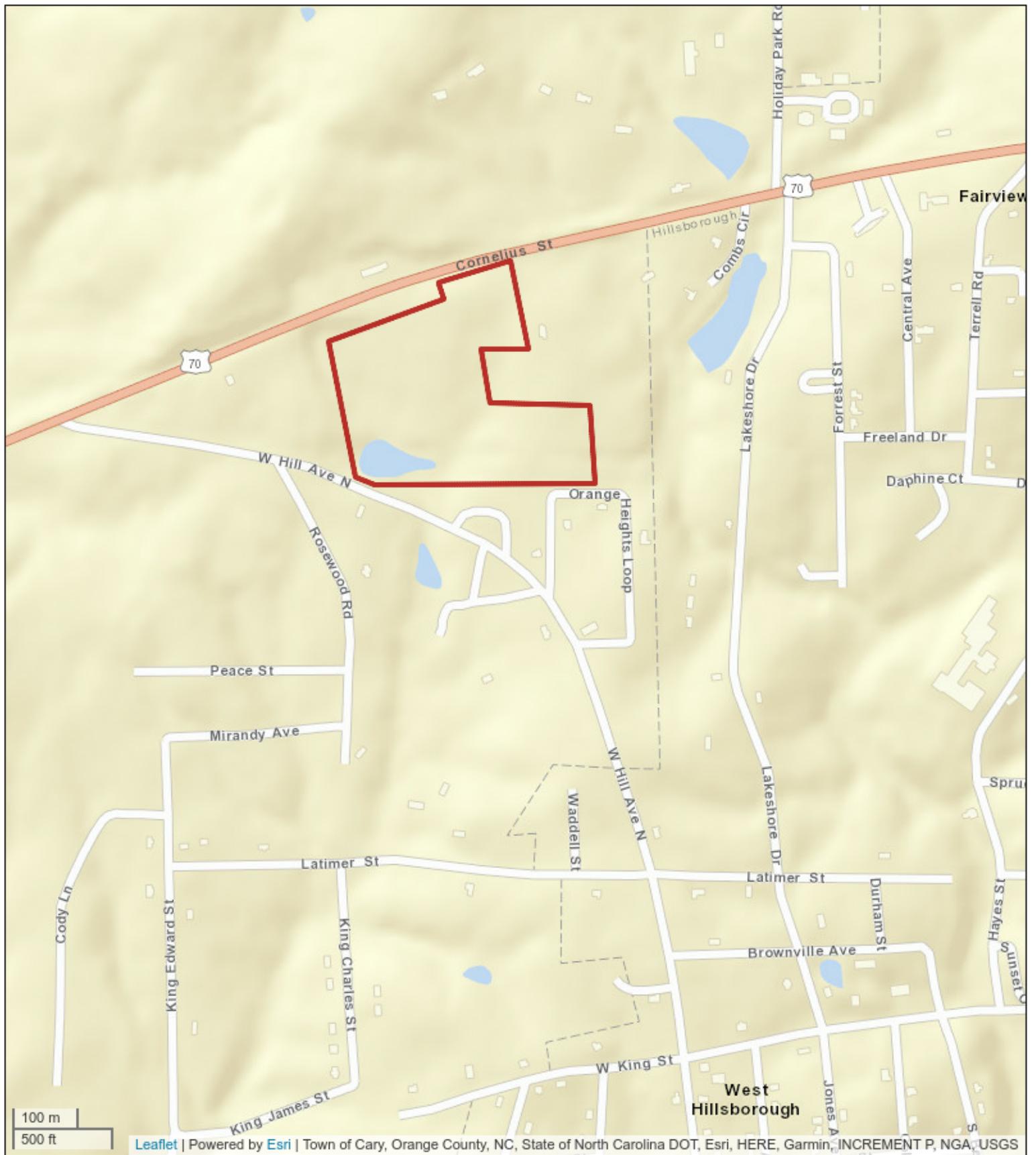
Orange County Tax Department.

Orange County Register of Deeds.

Interview, Ms. Sherrie Kinnison, Power of Attorney for Ms. Copeland dated January 3, 2018.

User Questionnaire, completed by Ms. Angel Barnes dated January 2, 2018.

# **Appendix I: Figures**



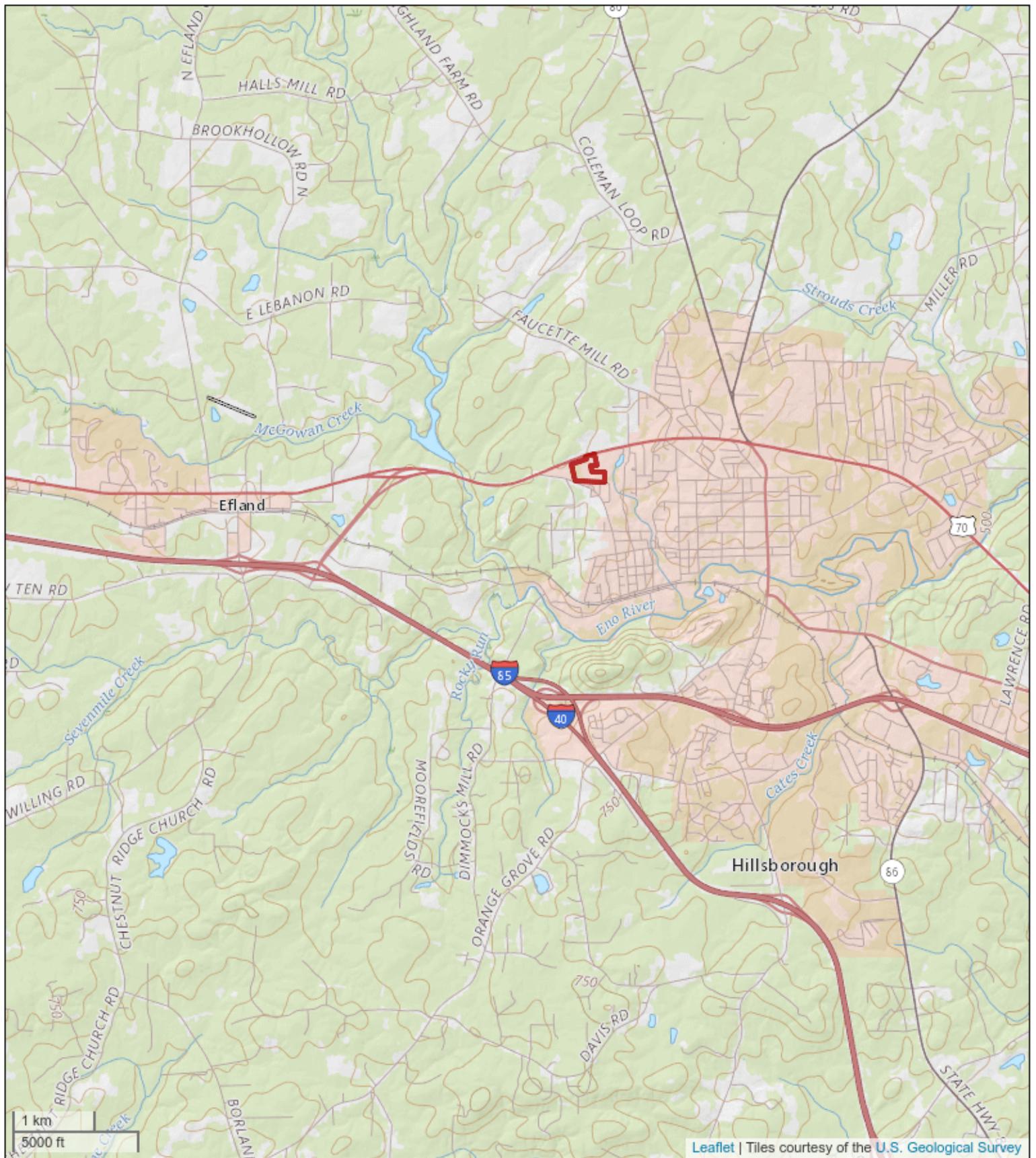
**Figure 1- Site Location Map**

DMV Properties

524 W. Hill Avenue N., 520 Orange Heights, and 1010 US 70 West  
 Hillsborough, Orange County, North Carolina

ECS Project No. 49-5903





**Figure 2- USGS Topographic Map**

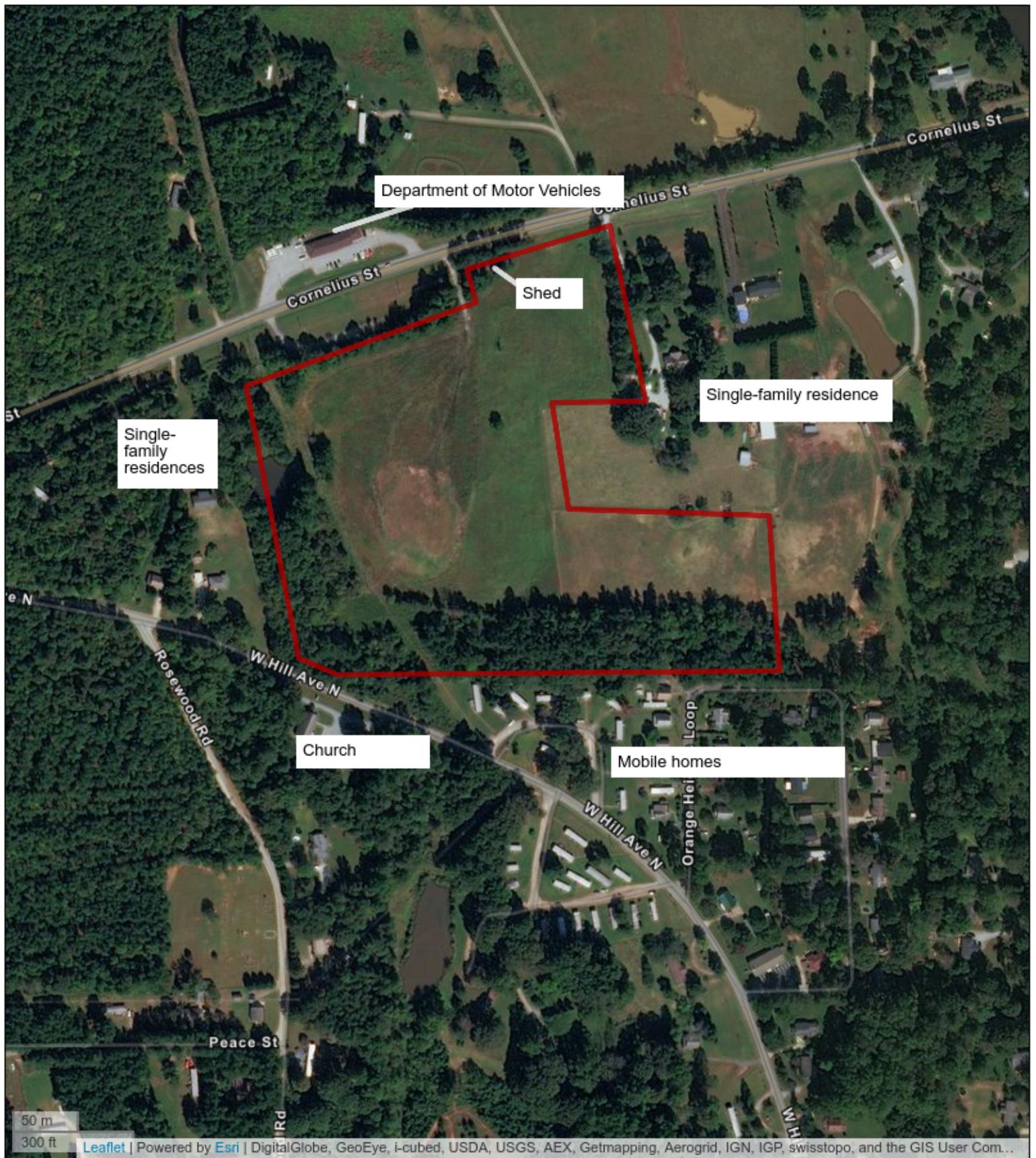
DMV Properties

524 W. Hill Avenue N., 520 Orange Heights, and 1010 US 70 West

Hillsborough, Orange County, North Carolina

ECS Project No. 49-5903





**Figure 3 - Site Features Map**

DMV Properties

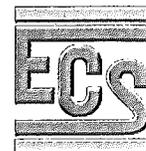
524 W. Hill Avenue N., 520 Orange Heights, and 1010 US 70 West

Hillsborough, Orange County, North Carolina

ECS Project No. 49-5903



# **Appendix II: Correspondence and User Questionnaire**



### Environmental Questionnaire for User

Completion required for conformance with ASTM E 1527-13. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

Site Name: DMV Properties

Name and Title of Person Completing Questionnaire (Please Print):

Angel Barnes Capital Project Manager for Orange County

Signature of Person Completing Questionnaire:

Angel Barnes

Date: 1-2-18

Name of Your Company and Your Contact Number (Please Print):

Orange County Asset Mgmt. Services 919-245-2625

ASTM E 1527-13 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

Please state reason for having ESA performed: Potentially looking to purchase parcels.

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: NO  YES

Will you provide a 50-year chain of title abstract to ECS?

Please select one: NO  YES

#### Please Send Information Promptly

(1a.) Environmental liens that are filed or recorded against the site (40 CFR 312.25). ASTM E 1527-13 states that the user should perform a review of recorded land title records and judicial records for environmental liens or activity and use limitations for the site. Please forward the results of the land title record and judicial record review. If you would prefer, ECS can obtain this information from a third party provider for an additional fee. Please let ECS know if you would like to contract ECS for this service.

Please select one: Client to Provide  ECS to Provide for Additional Fee

unknown

(1b.) **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Please select one:      NO       YES       *unknown*  
If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(2.) **Specialized knowledge** - As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Please select one:      NO       YES       *unknown*  
If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(3.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

(a.) Do you know the past uses of the property?

Please select one:      NO       YES       *unknown*  
If yes, please state uses: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(b.) Do you know of specific chemicals that are present or once were present at the property?

Please select one:      NO       YES       *unknown*  
If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(c.) Do you know of spills or other chemical releases that have taken place at the property?

Please select one:      NO       YES       *unknown*  
If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(d.) Do you know of any environmental cleanups that have taken place at the property?

Please select one: NO  YES  unknown  
If yes, please explain: \_\_\_\_\_

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please select one: NO  YES  unknown  
If no, please explain: \_\_\_\_\_

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one: NO  YES  unknown  
If yes, please explain: \_\_\_\_\_

(5.) Parcel Property Owner(s) & Contact Number(s):

- A. unknown contact broker
- B. Mark O'Neal
- C. Pickett Sprouse Real Estate, Inc.
- D. 919-4931-6395

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: unknown  
Occupant/Tenant: unknown  
Occupant/Tenant: \_\_\_\_\_

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Please select one: NO  YES  unknown  
If yes, please explain: \_\_\_\_\_

# **Appendix III: Regulatory Records Documentation**

**DMV Properties**

524 West Hill Avenue North  
Hillsborough, NC 27278

Inquiry Number: 05147343.2r  
December 29, 2017

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

A search of 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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

524 WEST HILL AVENUE NORTH  
HILLSBOROUGH, NC 27278

#### COORDINATES

Latitude (North): 36.0836050 - 36° 5' 0.97"  
Longitude (West): 79.1243290 - 79° 7' 27.58"  
Universal Transverse Mercator: Zone 17  
UTM X (Meters): 668884.5  
UTM Y (Meters): 3994649.2  
Elevation: 627 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5947925 HILLSBOROUGH, NC  
Version Date: 2013  
  
West Map: 5947915 EFLAND, NC  
Version Date: 2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140619  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 524 WEST HILL AVENUE NORTH  
 HILLSBOROUGH, NC 27278

Click on Map ID to see full detail.

| MAP ID             | SITE NAME                  | ADDRESS              | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|--------------------|----------------------------|----------------------|-------------------|--------------------|----------------------------|
| <a href="#">A1</a> | LLOYDS QUICKIE MART        | 610 NORTH CHURCH STR | LUST TRUST, IMD   | Lower              | 30, 0.006, ESE             |
| <a href="#">A2</a> | ORANGE COUNTY MAINTENANCE  | 600 NC HWY 86 NORTH. | LUST              | Lower              | 30, 0.006, ESE             |
| <a href="#">A3</a> | ORANGE COUNTY MAINTENANCE  | 600 NC HWY 86 NORTH. | IMD               | Lower              | 30, 0.006, ESE             |
| <a href="#">A4</a> | EXXON 4-0533 HILLSBOROUGH  | 200 N. CHURCHTON ST. | LUST, IMD         | Lower              | 39, 0.007, ESE             |
| <a href="#">A5</a> | W.L. PHELPS GEN. MDS       | 7403 NC 86 N         | LUST, UST         | Lower              | 160, 0.030, ESE            |
| <a href="#">6</a>  | NC HWY PATROL-HILLSBOROUGH | 1201 US-70 WEST      | LUST, IMD         | Higher             | 261, 0.049, NNW            |
| <a href="#">7</a>  | LARRY S BAIT AND TAC       | 231 WEST HILL AVE    | LUST, IMD         | Higher             | 1503, 0.285, SSE           |

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

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

## DATABASES WITH NO MAPPED SITES

No 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:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

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

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

### ***Federal RCRA generators list***

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

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent NPL**

NC HSDS..... Hazardous Substance Disposal Site

### **State- and tribal - equivalent CERCLIS**

SHWS..... Inactive Hazardous Sites Inventory

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

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

OLI..... Old Landfill Inventory

### **State and tribal leaking storage tank lists**

LAST..... Leaking Aboveground Storage Tanks

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

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

AST..... AST Database

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

### **State and tribal institutional control / engineering control registries**

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

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Responsible Party Voluntary Action Sites

### **State and tribal Brownfields sites**

BROWNFIELDS..... Brownfields Projects Inventory

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

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

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

HIST LF..... Solid Waste Facility Listing

SWRCY..... Recycling Center Listing

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

## EXECUTIVE SUMMARY

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
IHS OPEN DUMPS..... Open Dumps on Indian Land

### **Local Lists of Hazardous waste / Contaminated Sites**

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

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

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

### **Other Ascertainable Records**

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

## EXECUTIVE SUMMARY

|                          |  |
|--------------------------|--|
| FINDS.....               | Facility Index System/Facility Registry System |
| DOCKET HWC.....          | Hazardous Waste Compliance Docket Listing      |
| ECHO.....                | Enforcement & Compliance History Information   |
| UXO.....                 | Unexploded Ordnance Sites                      |
| FUELS PROGRAM.....       | EPA Fuels Program Registered Listing           |
| COAL ASH.....            | Coal Ash Disposal Sites                        |
| DRYCLEANERS.....         | Drycleaning Sites                              |
| Financial Assurance..... | Financial Assurance Information Listing        |
| NPDES.....               | NPDES Facility Location Listing                |
| UIC.....                 | Underground Injection Wells Listing            |

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

|                       |   |
|-----------------------|---|
| EDR MGP.....          | EDR Proprietary Manufactured Gas Plants |
| EDR Hist Auto.....    | EDR Exclusive Historical Auto Stations  |
| EDR Hist Cleaner..... | EDR Exclusive Historical Cleaners       |

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***State and tribal leaking storage tank lists***

LUST: The Leaking Underground Storage Tank Incidents Management Database contains an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environment, & Natural Resources' Incidents by Address.

A review of the LUST list, as provided by EDR, and dated 08/04/2017 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

## EXECUTIVE SUMMARY

| <u>Equal/Higher Elevation</u>  | <u>Address</u>           | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
|--|--------------------------|----------------------------------|---------------|-------------|
| <b>NC HWY PATROL-HILLSB</b><br>Incident Phase: Response<br>Incident Number: 15178<br>Current Status: File Located in House | <b>1201 US-70 WEST</b>   | <b>NNW 0 - 1/8 (0.049 mi.)</b>   | <b>6</b>      | <b>19</b>   |
| <b>LARRY S BAIT AND TAC</b><br>Incident Number: 26249<br>Current Status: File Located in House                             | <b>231 WEST HILL AVE</b> | <b>SSE 1/4 - 1/2 (0.285 mi.)</b> | <b>7</b>      | <b>22</b>   |

| <u>Lower Elevation</u>   | <u>Address</u>              | <u>Direction / Distance</u>    | <u>Map ID</u> | <u>Page</u> |
|--|-----------------------------|--------------------------------|---------------|-------------|
| ORANGE COUNTY MAINTENANCE<br>Incident Phase: Closed Out<br>Incident Number: 22082<br>Current Status: File Located in Archives  | 600 NC HWY 86 NORTH.        | ESE 0 - 1/8 (0.006 mi.)        | A2            | 9           |
| <b>EXXON 4-0533 HILLSBO</b><br>Incident Phase: Closed Out<br>Incident Number: 5662<br>Current Status: File Located in Archives | <b>200 N. CHURCHTON ST.</b> | <b>ESE 0 - 1/8 (0.007 mi.)</b> | <b>A4</b>     | <b>12</b>   |
| <b>W.L. PHELPS GEN. MDS</b><br>Incident Phase: Response<br>Incident Number: 6178<br>Current Status: File Located in House      | <b>7403 NC 86 N</b>         | <b>ESE 0 - 1/8 (0.030 mi.)</b> | <b>A5</b>     | <b>15</b>   |

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

A review of the LUST TRUST list, as provided by EDR, and dated 10/09/2017 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u>  | <u>Address</u>              | <u>Direction / Distance</u>    | <u>Map ID</u> | <u>Page</u> |
|---|-----------------------------|--------------------------------|---------------|-------------|
| <b>LLOYDS QUICKIE MART</b><br>Facility Id: 0-022176<br>Site ID: 26036 | <b>610 NORTH CHURCH STR</b> | <b>ESE 0 - 1/8 (0.006 mi.)</b> | <b>A1</b>     | <b>8</b>    |

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environment & Natural Resources' Petroleum Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 10/06/2017 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

| <u>Lower Elevation</u>  | <u>Address</u>      | <u>Direction / Distance</u>    | <u>Map ID</u> | <u>Page</u> |
|---|---------------------|--------------------------------|---------------|-------------|
| <b>W.L. PHELPS GEN. MDS</b><br>Tank Status: Removed<br>Facility Id: 00-0-0000032022 | <b>7403 NC 86 N</b> | <b>ESE 0 - 1/8 (0.030 mi.)</b> | <b>A5</b>     | <b>15</b>   |

# EXECUTIVE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORDS

### ***Records of Emergency Release Reports***

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 5 IMD sites within approximately 0.5 miles of the target property.

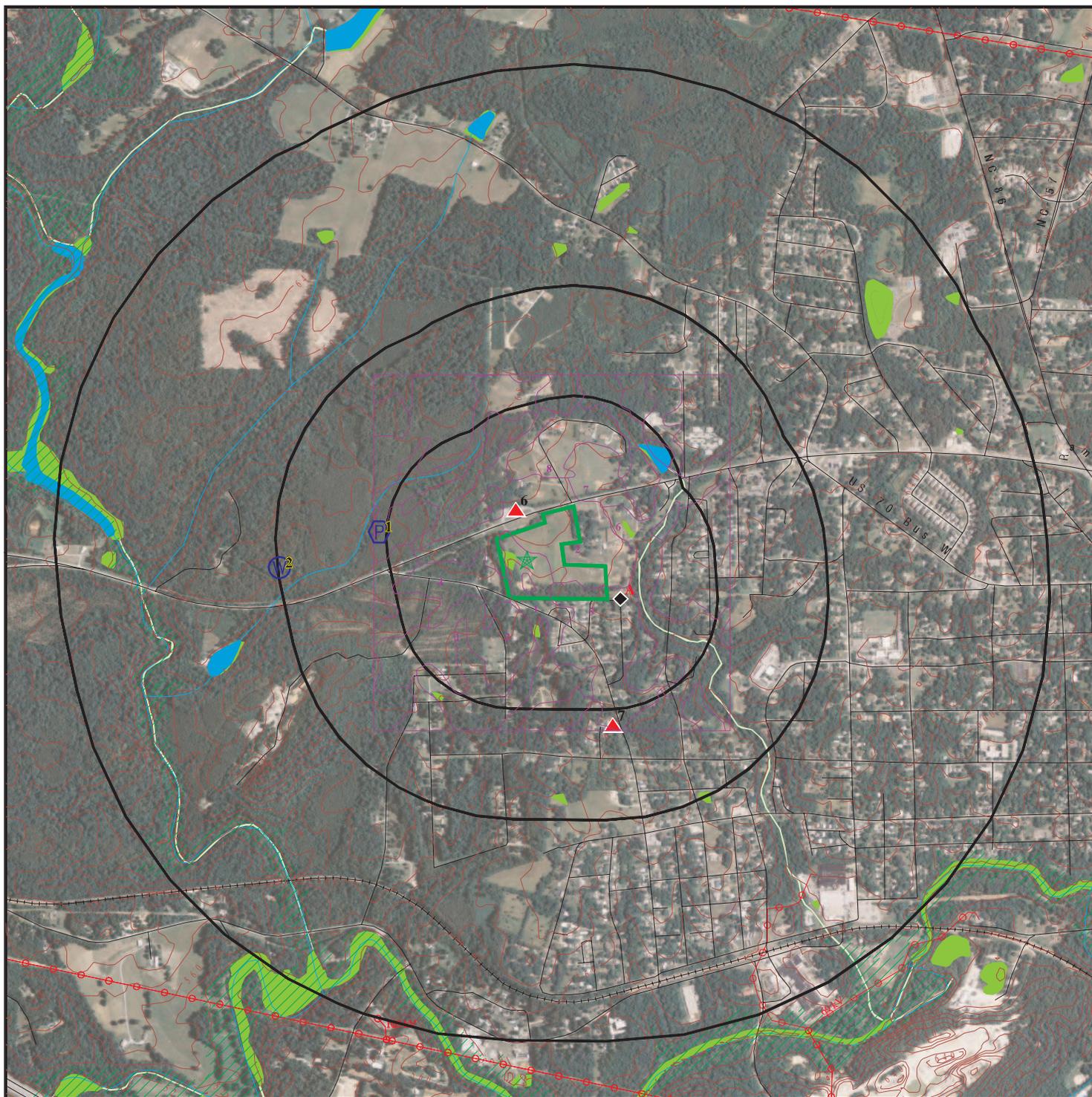
| <u>Equal/Higher Elevation</u>                            | <u>Address</u>                     | <u>Direction / Distance</u>             | <u>Map ID</u>    | <u>Page</u>      |
|--|------------------------------------|---|------------------|------------------|
| <b><i>NC HWY PATROL-HILLSB</i></b><br>Facility Id: 15178 | <b><i>1201 US-70 WEST</i></b>      | <b><i>NNW 0 - 1/8 (0.049 mi.)</i></b>   | <b><i>6</i></b>  | <b><i>19</i></b> |
| <b><i>LARRY S BAIT AND TAC</i></b><br>Facility Id: 26249 | <b><i>231 WEST HILL AVE</i></b>    | <b><i>SSE 1/4 - 1/2 (0.285 mi.)</i></b> | <b><i>7</i></b>  | <b><i>22</i></b> |
| <u>Lower Elevation</u>                                   | <u>Address</u>                     | <u>Direction / Distance</u>             | <u>Map ID</u>    | <u>Page</u>      |
| <b><i>LLOYDS QUICKIE MART</i></b><br>Facility Id: 26036  | <b><i>610 NORTH CHURCH STR</i></b> | <b><i>ESE 0 - 1/8 (0.006 mi.)</i></b>   | <b><i>A1</i></b> | <b><i>8</i></b>  |
| ORANGE COUNTY MAINT<br>Facility Id: 22082                | 600 NC HWY 86 NORTH.               | ESE 0 - 1/8 (0.006 mi.)                 | A3               | 11               |
| <b><i>EXXON 4-0533 HILLSBO</i></b><br>Facility Id: 5662  | <b><i>200 N. CHURCHTON ST.</i></b> | <b><i>ESE 0 - 1/8 (0.007 mi.)</i></b>   | <b><i>A4</i></b> | <b><i>12</i></b> |

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

| <u>Site Name</u>                | <u>Database(s)</u> |
|---------------------------------|--------------------|
| ROBERTS PROPERTY (WILLIAM)      | LUST, LUST TRUST   |
| FREELAND ESTATE (MAXINE) PROP A | LUST, LUST TRUST   |
| HILLSBOROUGH DUMP               | OLI                |

# OVERVIEW MAP - 05147343.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

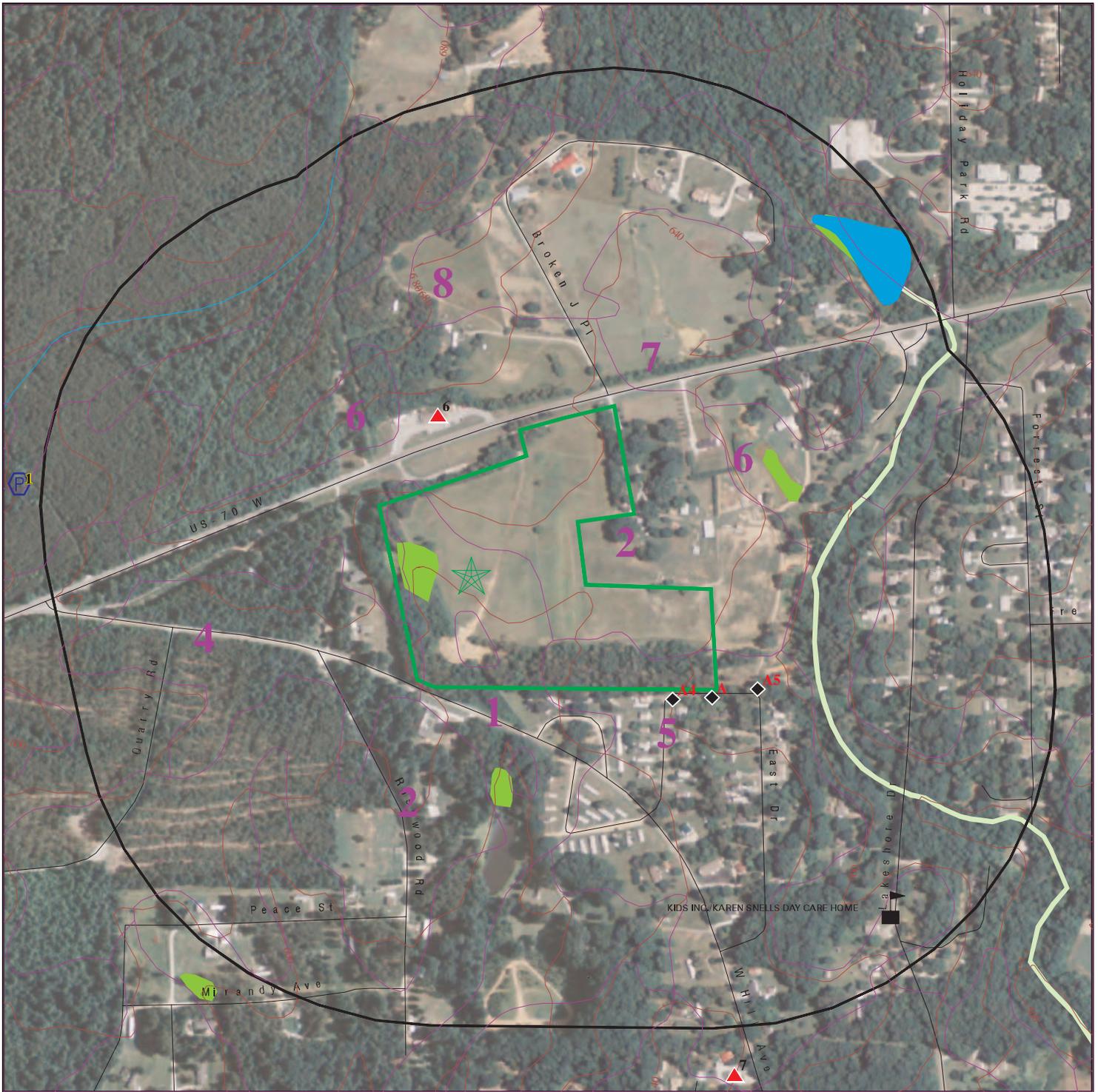
Hazardous Substance Disposal Sites

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: DMV Properties  
 ADDRESS: 524 West Hill Avenue North  
 Hillsborough NC 27278  
 LAT/LONG: 36.083605 / 79.124329

CLIENT: ECS Carolinas, LLP  
 CONTACT: Shannon Zirpolo  
 INQUIRY #: 05147343.2r  
 DATE: December 29, 2017 11:09 am

# DETAIL MAP - 05147343.2R



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  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: DMV Properties  
 ADDRESS: 524 West Hill Avenue North  
 Hillsborough NC 27278  
 LAT/LONG: 36.083605 / 79.124329

CLIENT: ECS Carolinas, LLP  
 CONTACT: Shannon Zirpolo  
 INQUIRY #: 05147343.2r  
 DATE: December 29, 2017 11:10 am

## MAP FINDINGS SUMMARY

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

## MAP FINDINGS SUMMARY

| Database  | Search<br>Distance<br>(Miles) | Target<br>Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total<br>Plotted |
|---|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| LUST  | 0.500                         |                    | 4     | 0         | 1         | NR      | NR  | 5                |
| INDIAN LUST   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| LUST TRUST  | 0.500                         |                    | 1     | 0         | 0         | NR      | NR  | 1                |
| <b><i>State and tribal registered storage tank lists</i></b>                          |                               |                    |       |           |           |         |     |                  |
| FEMA UST  | 0.250                         |                    | 0     | 0         | NR        | NR      | NR  | 0                |
| UST   | 0.250                         |                    | 1     | 0         | NR        | NR      | NR  | 1                |
| AST   | 0.250                         |                    | 0     | 0         | NR        | NR      | NR  | 0                |
| INDIAN UST  | 0.250                         |                    | 0     | 0         | NR        | NR      | NR  | 0                |
| <b><i>State and tribal institutional control / engineering control registries</i></b> |                               |                    |       |           |           |         |     |                  |
| INST CONTROL  | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| <b><i>State and tribal voluntary cleanup sites</i></b>                                |                               |                    |       |           |           |         |     |                  |
| INDIAN VCP  | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| VCP   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| <b><i>State and tribal Brownfields sites</i></b>                                      |                               |                    |       |           |           |         |     |                  |
| BROWNFIELDS   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| <b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>  |                               |                    |       |           |           |         |     |                  |
| <b><i>Local Brownfield lists</i></b>  |                               |                    |       |           |           |         |     |                  |
| US BROWNFIELDS  | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| <b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>                    |                               |                    |       |           |           |         |     |                  |
| HIST LF   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| SWRCY   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| INDIAN ODI  | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| ODI   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| DEBRIS REGION 9   | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| IHS OPEN DUMPS  | 0.500                         |                    | 0     | 0         | 0         | NR      | NR  | 0                |
| <b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>                     |                               |                    |       |           |           |         |     |                  |
| US HIST CDL   | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| US CDL  | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| <b><i>Local Land Records</i></b>  |                               |                    |       |           |           |         |     |                  |
| LIENS 2   | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| <b><i>Records of Emergency Release Reports</i></b>                                    |                               |                    |       |           |           |         |     |                  |
| HMIRS   | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| SPILLS  | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| IMD   | 0.500                         |                    | 4     | 0         | 1         | NR      | NR  | 5                |
| SPILLS 90   | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| SPILLS 80   | TP                            |                    | NR    | NR        | NR        | NR      | NR  | 0                |
| <b><i>Other Ascertainable Records</i></b>   |                               |                    |       |           |           |         |     |                  |
| RCRA NonGen / NLR   | 0.250                         |                    | 0     | 0         | NR        | NR      | NR  | 0                |

## MAP FINDINGS SUMMARY

| Database            | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| FUDS                | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| DOD                 | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| SCRD DRYCLEANERS    | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| US FIN ASSUR        | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| EPA WATCH LIST      | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| 2020 COR ACTION     | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| TSCA                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| TRIS                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| SSTS                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| ROD                 | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| RMP                 | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| RAATS               | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| PRP                 | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| PADS                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| ICIS                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| FTTS                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| MLTS                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| COAL ASH DOE        | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| COAL ASH EPA        | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| PCB TRANSFORMER     | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| RADINFO             | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| HIST FTTS           | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| DOT OPS             | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| CONSENT             | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| INDIAN RESERV       | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| FUSRAP              | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| UMTRA               | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| LEAD SMELTERS       | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| US AIRS             | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| US MINES            | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| ABANDONED MINES     | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| FINDS               | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| DOCKET HWC          | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| ECHO                | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| UXO                 | 1.000                   |                 | 0     | 0         | 0         | 0       | NR  | 0             |
| FUELS PROGRAM       | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| COAL ASH            | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| DRYCLEANERS         | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| Financial Assurance | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| NPDES               | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| UIC                 | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

|                  |       |  |   |    |    |    |    |   |
|------------------|-------|--|---|----|----|----|----|---|
| EDR MGP          | 1.000 |  | 0 | 0  | 0  | 0  | NR | 0 |
| EDR Hist Auto    | 0.125 |  | 0 | NR | NR | NR | NR | 0 |
| EDR Hist Cleaner | 0.125 |  | 0 | NR | NR | NR | NR | 0 |

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

|         |    |  |    |    |    |    |    |   |
|---------|----|--|----|----|----|----|----|---|
| RGA HWS | TP |  | NR | NR | NR | NR | NR | 0 |
|---------|----|--|----|----|----|----|----|---|

## MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Search Distance (Miles)</u> | <u>Target Property</u> | <u>&lt; 1/8</u> | <u>1/8 - 1/4</u> | <u>1/4 - 1/2</u> | <u>1/2 - 1</u> | <u>&gt; 1</u> | <u>Total Plotted</u> |
|-----------------|--------------------------------|------------------------|-----------------|------------------|------------------|----------------|---------------|----------------------|
| RGA LF          | TP                             |                        | NR              | NR               | NR               | NR             | NR            | 0                    |
| RGA LUST        | TP                             |                        | NR              | NR               | NR               | NR             | NR            | 0                    |
| - Totals --     |                                | 0                      | 10              | 0                | 2                | 0              | 0             | 12                   |

**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

A1  
ESE  
< 1/8  
0.006 mi.  
30 ft.

LLOYDS QUICKIE MART  
610 NORTH CHURCH STREET  
HILLSBOROUGH, NC

LUST TRUST  
IMD S105702807  
N/A

Site 1 of 5 in cluster A

Relative:  
Lower

LUST TRUST:  
Facility ID: 0-022176  
Site ID: 26036  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Commercial  
Priority Rank: Not reported  
Deductable Amount: 20000  
3rd Party Deductable Amt: 100000  
Sum 3rd Party Amt Applied: 0

Actual:  
613 ft.

IMD:

Region: RAL  
Facility ID: 26036  
Date Occurred: 9/18/2002  
Submit Date: 10/10/2002  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: Not reported  
Operator: DON STEPHENSON  
Contact Phone: 9194603196  
Owner Company: CARY OIL COMPANY  
Operator Address: P. O. BOX 4649  
Operator City: CARY  
Oper City, St, Zip: CARY, NC 27519-  
Ownership: Private  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Not reported  
Risk Site: I  
Site Priority: Not reported  
Priority Code: U  
Priority Update: Not reported  
Dem Contact: MAF  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: 9  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 36.08277777  
Longitude: -79.09944444  
Latitude Number: 360458  
Longitude Number: 790558  
Latitude Decimal: 36.0827777777778  
Longitude Decimal: 79.0994444444444  
GPS: 7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LLOYDS QUICKIE MART (Continued)**

**S105702807**

Agency: DWM  
Facility ID: Not reported  
Last Modified: Not reported  
Incident Phase: Not reported  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

**A2  
ESE  
< 1/8  
0.006 mi.  
30 ft.**

**ORANGE COUNTY MAINTENANCE FACILITY  
600 NC HWY 86 NORTH.  
HILLSBOROUGH, NC 27278  
Site 2 of 5 in cluster A**

**LUST S118755749  
N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
614 ft.**

Facility ID: 00-0-000  
UST Number: RA-3458  
Incident Number: 22082  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 01/23/1997  
Date Occur: 11/12/1996  
Cleanup: 11/12/1996  
Closure Request: 2001-02-06 00:00:00  
Close Out: 06/22/2004  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
# Of Supply Wells: 3  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: I  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: 11/30/2001  
Site Priority: Not reported  
Phase Of LSA Req: 1  
Site Risk Reason: Not reported  
Land Use: Residential  
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: 3  
RPL: False  
CD Num: 234

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ORANGE COUNTY MAINTENANCE FACILITY (Continued)

S118755749

Reel Num: 119  
RPOW: False  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 36.0933 -79.1075  
Testlat: Not reported  
Regional Officer Project Mgr: MAF  
Region: RAL  
Company: ORANGE COUNTY  
Contact Person: WILBERT MCADOO  
Telephone: 9192452625  
RP Address: P.O. BOX 8181  
RP City,St,Zip: HILLSBOROUGH, NC 27278-  
RP County: OR  
Comments: THIS REPORT WAS REVIEWED BY WSRO.( ZMB) 4/11/2002 - NORR issued requiring soil boring adjacent to MW1 (where historical soil contam is); 2 soil samples being req'd one at 5' and one at 10' & analyzed for 8260, 8270, vph, eph; -MAZ 6/22/2004 - INCIDENT FILE Review - - -  
- Reports submitted thusfar include: 1/1997 Report documenting diesel line release, 5/1997 Closure Report for 3 USTs (5/14/1997 closure date; 3K diesel, 2K diesel, 10K gas; 7 soil samples collected from tank pit > 10 ppm), 1/2001 LSA (345 cubic yards contam soils removed, no FP, gw sample collected for LSA, 3 WSW's within 1000'/public water in area, closest WSW is 750' away, soils and gw BARELY above S2GW msc & 2L), 4/2002 CSA - soil only ( 2 soil samples taken at 5' & 10' were > S2GW msc), 5/2002 Soil Cleanup Plan Report ( 4/23/2002 consultant conducted 1 soil boring 4' from MW1; auger refusal at 6.5'; 2 soil samples were collected one at 5', the other at 9'; only contaminant detected > S2GW msc was methylene chloride at .059 ppm/S2GW msc for constituent is .02 ppb;); REGULATORY ANALYSIS - - -  
Site is H risk, closest WSW is 750' away, GW contam in LSA is < 2L, Soil contam is < Soil to GW MSCC, NFA ok; NFA issued 6/22/2004, no public notice or LUR req'd; -MAF -----NFA - NO LUR OR PUBLIC NOTICE-----  
5 Min Quad: Not reported

PIRF:

Facility Id: 22082  
Date Occurred: 1996-11-20 00:00:00  
Date Reported: 2000-08-14 00:00:00  
Description Of Incident: USTS WERE REMOVED IN MAY OF 1997.  
Owner/Operator: PAM BUCKNER  
Ownership: 6  
Operation Type: 1  
Type: 3  
Location: 1  
Site Priority: 80I  
Priority Update: 2000-08-15 00:00:00  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: 3  
5 Minute Quad: 2  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: PIRF  
Err Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COUNTY MAINTENANCE FACILITY (Continued)**

**S118755749**

Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 2004-06-22 00:00:00  
**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

**A3  
ESE  
< 1/8  
0.006 mi.  
30 ft.**

**ORANGE COUNTY MAINTENANCE FACI  
600 NC HWY 86 NORTH.  
HILLSBOROUGH, NC  
Site 3 of 5 in cluster A**

**IMD S105765276  
N/A**

**Relative:  
Lower  
  
Actual:  
614 ft.**

IMD:  
Region: RAL  
Facility ID: 22082  
Date Occurred: 11/12/1996  
Submit Date: 8/14/2000  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: USTS WERE REMOVED IN MAY OF 1997.  
Operator: WILBERT MCADDOO  
Contact Phone: 9192452625  
Owner Company: ORANGE COUNTY  
Operator Address:P.O. BOX 8181  
Operator City: HILLSBOROUGH  
Oper City,St,Zip: HILLSBOROUGH, NC 27278-  
Ownership: County  
Operation: Public Service  
Material: DIESEL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Material: GASOLINE  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Residential  
Risk Site: I  
Site Priority: 80I  
Priority Code: I  
Priority Update: 8/15/2000  
Dem Contact: MAF  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Responsible Parties

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ORANGE COUNTY MAINTENANCE FACI (Continued)

S105765276

Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 36.09333333  
Longitude: -79.1075  
Latitude Number: 360536  
Longitude Number: 790627  
Latitude Decimal: 36.093333333333  
Longitude Decimal: 79.1075  
GPS: 6  
Agency: DWM  
Facility ID: 22082  
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

A4  
ESE  
< 1/8  
0.007 mi.  
39 ft.

EXXON 4-0533 HILLSBOROUGH  
200 N. CHURCHTON ST.  
HILLSBOROUGH, NC 27278

LUST S105765391  
IMD N/A

Site 4 of 5 in cluster A

Relative:  
Lower

LUST:  
Facility ID: 00-0-000  
UST Number: RA-831  
Incident Number: 5662  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 04/10/1989  
Date Occur: 05/04/1990  
Cleanup: Not reported  
Closure Request: 2000-05-09 00:00:00  
Close Out: 08/31/2001  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: R  
# 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: 75D  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Not reported  
MTBE: No

Actual:  
620 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON 4-0533 HILLSBOROUGH (Continued)**

**S105765391**

MTBE1: Unknown  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Not reported  
PETOPT: 3  
RPL: False  
CD Num: 127  
Reel Num: 21  
RPOW: False  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 36.3055 -79.1141  
Testlat: Not reported  
Regional Officer Project Mgr: MAF  
Region: RAL  
Company: EXXON MOBIL CORPORATION  
Contact Person: MR. JAMES F. MEDLIN  
Telephone: 704-529-4263  
RP Address: 77 CENTER DR, BLG 5601,STE 200  
RP City,St,Zip: CHARLOTTE, NC 28217-0735  
RP County: Not reported  
Comments: SClupR w/ SCR rec'd 05/09/00. Another SclupR w/SCR rec'd 11/18/00.  
Another SClupR w/ SCR rec'd 2/15/01. NFA issued 8/31/01.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 5662  
Date Occurred: 1990-04-10 00:00:00  
Date Reported: 1990-06-08 00:00:00  
Description Of Incident: UPON REMOVAL OF USTS THREE MONITOR WELLS WERE INSTALLED WHICH INDICATED GW CONTAM. FLOWING OFF SITE.  
Owner/Operator: JAMES MEDLIN  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 75D  
Priority Update: 1998-04-16 00:00:00  
Wells Affected Y/N: N  
Samples Include: 0  
7#5 Minute Quad: 3  
5 Minute Quad: 1  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 2001-09-12 00:00:00  
**Incident Phase: Closed Out**  
NOV Issued: 1992-01-07 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON 4-0533 HILLSBOROUGH (Continued)**

**S105765391**

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: 2001-08-31 00:00:00

IMD:

Region: RAL  
Facility ID: 5662  
Date Occurred: 5/4/1990  
Submit Date: 6/8/1990  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: UPON REMOVAL OF USTS THREE MONITOR WELLS WERE INSTALLED WHICH INDICATED GW CONTAM. FLOWING OFF SITE.  
Operator: MR. JAMES F. MEDLIN  
Contact Phone: 704-529-4263  
Owner Company: EXXON MOBIL CORPORATION  
Operator Address: 77 CENTER DR, BLG 5601, STE 200  
Operator City: CHARLOTTE  
Oper City, St, Zip: CHARLOTTE, NC 28217-0735  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: UNK  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: L  
Site Priority: 75D  
Priority Code: L  
Priority Update: 4/16/1998  
Dem Contact: MAF  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 36.09305555  
Longitude: -79.11416666  
Latitude Number: 360535  
Longitude Number: 790651  
Latitude Decimal: 36.0930555555556  
Longitude Decimal: 79.1141666666667  
GPS: NOD  
Agency: DWM  
Facility ID: 5662  
Last Modified: 9/12/2001  
Incident Phase: Closed Out

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON 4-0533 HILLSBOROUGH (Continued)**

**S105765391**

NOV Issued: 1/7/1992  
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: 8/31/2001

**A5  
ESE  
< 1/8  
0.030 mi.  
160 ft.**

**W.L. PHELPS GEN. MDSE.  
7403 NC 86 N  
HILLSBOROUGH, NC 27278**

**LUST U001439641  
UST N/A**

**Site 5 of 5 in cluster A**

**Relative:  
Lower**

**LUST:**

**Actual:  
605 ft.**

Facility ID: Not reported  
UST Number: RA-922  
Incident Number: 6178  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 10/31/1990  
Date Occur: 10/31/1990  
Cleanup: Not reported  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: H  
Risk Class Based On Review: H  
Corrective Action Plan Type: C  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: 185A  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Not reported  
MTBE: No  
MTBE1: Unknown  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 3  
RPL: False  
CD Num: Not reported  
Reel Num: Not reported  
RPOW: False  
RPOP: False  
Error Flag: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**W.L. PHELPS GEN. MDSE. (Continued)**

**U001439641**

Error Code: N  
Valid: False  
Lat/Long Decimal: 36.1212 -79.0852  
Testlat: Not reported  
Regional Officer Project Mgr: FTF  
Region: RAL  
Company: PHELPS GROCERY  
Contact Person: MR. WILFRED PHELPS  
Telephone: 919 732-3886  
RP Address: 7403 NC 86 N  
RP City,St,Zip: HILLSBOROUGH, NC 27278-  
RP County: Not reported  
Comments: FTF Sent to CO on 02/06/2006  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 6178  
Date Occurred: 1990-10-31 00:00:00  
Date Reported: 1990-12-19 00:00:00  
Description Of Incident: RESIDENTS ACROSS THE STREET FROM PHELPS RESTAURANT NOTICED GAS ODOR IN DRINKING WATER  
Owner/Operator: MR. WILFRED PHELPS  
Ownership: Not reported  
Operation Type: Not reported  
Type: 3  
Location: Not reported  
Site Priority: 185A  
Priority Update: 1998-04-16 00:00:00  
Wells Affected Y/N: N  
Samples Include: 0  
7#5 Minute Quad: Not reported  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Last Modified: Not reported  
**Incident Phase: Response**  
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

**UST:**

Facility Id: 00-0-0000032022  
Contact: W.L. PHELPS GEN. MDSE.  
Contact Address1: 7403 NC 86 N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**W.L. PHELPS GEN. MDSE. (Continued)**

**U001439641**

Contact Address2: Not reported  
Contact City/State/Zip: HILLSBOROUGH, NC 27278  
FIPS County Desc: Orange  
Latitude: 0  
Longitude: 0

Tank Id: 1  
Tank Status: Removed  
Installed Date: 01/16/1951  
Perm Close Date: 04/30/1991  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 275  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Other CP Tank: Not reported  
Overfill Protection Name: Unknown  
Spill Protection Name: Unknown  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 2  
Tank Status: Removed  
Installed Date: 01/16/1979  
Perm Close Date: 04/30/1991  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 500  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Other CP Tank: Not reported  
Overfill Protection Name: Unknown  
Spill Protection Name: Unknown  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 3  
Tank Status: Removed  
Installed Date: 01/16/1979  
Perm Close Date: 04/30/1991  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 500  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**W.L. PHELPS GEN. MDSE. (Continued)**

**U001439641**

Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Other CP Tank: Not reported  
Overfill Protection Name: Unknown  
Spill Protection Name: Unknown  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 4  
Tank Status: Removed  
Installed Date: 01/16/1983  
Perm Close Date: 04/30/1991  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 500  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Other CP Tank: Not reported  
Overfill Protection Name: Unknown  
Spill Protection Name: Unknown  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 5  
Tank Status: Removed  
Installed Date: 01/16/1986  
Perm Close Date: 04/30/1991  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 1000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Other CP Tank: Not reported  
Overfill Protection Name: Unknown  
Spill Protection Name: Unknown  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 6  
Tank Status: Removed  
Installed Date: 01/16/1951

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**W.L. PHELPS GEN. MDSE. (Continued)**

**U001439641**

Perm Close Date: 04/30/1991  
Product Name: Kerosene, Kero Mix  
Tank Capacity: 275  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Other CP Tank: Not reported  
Overfill Protection Name: Unknown  
Spill Protection Name: Unknown  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

**6  
NNW  
< 1/8  
0.049 mi.  
261 ft.**

**NC HWY PATROL-HILLSBOROUGH  
1201 US-70 WEST  
HILLSBOROUGH, NC 27278**

**LUST S105765121  
IMD N/A**

**Relative:  
Higher  
  
Actual:  
650 ft.**

LUST:  
Facility ID: 00-0-000  
UST Number: RA-2358  
Incident Number: 15178  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 02/24/1994  
Date Occur: 01/01/1994  
Cleanup: Not reported  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: L  
Risk Class Based On Review: H  
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: Unknown  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 3  
RPL: False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NC HWY PATROL-HILLSBOROUGH (Continued)**

**S105765121**

CD Num: Not reported  
 Reel Num: Not reported  
 RPOW: False  
 RPOP: False  
 Error Flag: 0  
 Error Code: N  
 Valid: False  
 Lat/Long Decimal: 36.0852 -79.1252  
 Testlat: Not reported  
 Regional Officer Project Mgr: CED  
 Region: RAL  
 Company: CC & PS STATE HWY PATROL  
 Contact Person: RONALD FAISON  
 Telephone: 919-733-7956  
 RP Address: 1300 BLUE RIDGE ROAD  
 RP City,St,Zip: RALEIGH, NC 27607-  
 RP County: Not reported  
 Comments: FILE MISSING/// Site Visit 05/27/2005 showed at less one WSW < 250' of site. It now Lic. Exam Building. 06/07/2005, JFM/// 07/22/05 - CSA Submitted: 1x5,700-gal and 1x10K gas USTs removed on 07/15/93. 285 tons impacted soil removed. TPH=217 ppm. SSE is 160ppm. GW flow to NW, no GW in pit. ON-SITE WELL HOUSE LOCATED ON-SITE, BUT NO LONGER USED. Soil boring advanced in attempt to collect GW samples, but no groundwater encountered prior to refusal with geoprobe. Soils < TPH. Recommends NFA. - CED /// 11/19/07 - CED Reviewed file. Recommends resampling, possible excavation, and abandonment of on-site pump house. - CED ///  
 5 Min Quad: Not reported

**PIRF:**

Facility Id: 15178  
 Date Occurred: 1993-07-15 00:00:00  
 Date Reported: 1996-03-13 00:00:00  
 Description Of Incident: MINOR SOIL CONTAMINATION CONFIRMED DURING THE REMOVAL OF TWO USTS.  
 Owner/Operator: RONALD FAISON  
 Ownership: 7  
 Operation Type: 1  
 Type: 3  
 Location: 1  
 Site Priority: 20E  
 Priority Update: 1998-04-16 00:00:00  
 Wells Affected Y/N: y  
 Samples Include: 0  
 7#5 Minute Quad: y  
 5 Minute Quad: Not reported  
 Pirf/Min Soil: Not reported  
 Release Code: Not reported  
 Source Code: Min\_Soil  
 Err Type: 2  
 Cause: Not reported  
 Source: Not reported  
 Ust Number: P

Last Modified: Not reported  
**Incident Phase: Response**  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NC HWY PATROL-HILLSBOROUGH (Continued)**

**S105765121**

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

**IMD:**

Region: RAL  
Facility ID: 15178  
Date Occurred: Not reported  
Submit Date: 3/13/1996  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: MINOR SOIL CONTAMINATION CONFIRMED DURING THE REMOVAL OF TWO USTS.  
Operator: RONALD FAISON  
Contact Phone: 919-733-7956  
Owner Company: CC & PS STATE HWY PATROL  
Operator Address: 1300 BLUE RIDGE ROAD  
Operator City: RALEIGH  
Oper City, St, Zip: RALEIGH, NC 27607-  
Ownership: State  
Operation: Public Service  
Material: GASOLINE  
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: L  
Priority Update: 4/16/1998  
Dem Contact: MAF  
Wells Affected: Yes  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 36.085  
Longitude: -79.125  
Latitude Number: 360506  
Longitude Number: 790730  
Latitude Decimal: 36.085  
Longitude Decimal: 79.125  
GPS: 2  
Agency: DWM  
Facility ID: 15178  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NC HWY PATROL-HILLSBOROUGH (Continued)**

**S105765121**

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

**7**  
**SSE**  
**1/4-1/2**  
**0.285 mi.**  
**1503 ft.**

**LARRY S BAIT AND TACKLE SHOP**  
**231 WEST HILL AVE**  
**HILLSBOROUGH, NC 27278**

**LUST S105895855**  
**IMD N/A**

**Relative:**  
**Higher**

**Actual:**  
**640 ft.**

LUST:  
Facility ID: 00-0-000  
UST Number: RA-4502  
Incident Number: 26249  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 05/02/2003  
Date Occur: 10/24/2002  
Cleanup: 10/24/2003  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: U  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: 1  
Site Risk Reason: Not reported  
Land Use: Not reported  
MTBE: No  
MTBE1: Unknown  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 3  
RPL: False  
CD Num: 0  
Reel Num: 0  
RPOW: False  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 36.0723 -79.1195

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LARRY S BAIT AND TACKLE SHOP (Continued)**

**S105895855**

Testlat: Not reported  
Regional Officer Project Mgr: JFM  
Region: RAL  
Company: CHESHIRE J. COLE, SR.  
Contact Person: Not reported  
Telephone: 9197322289  
RP Address: 209 RILEY AVENUE  
RP City,St,Zip: HILLSBOROUGH, NC 27278-  
RP County: Not reported  
Comments: Site visit [05/15/2225] showed no visible WSW <= 1,500'. 04/28/2005, JFM////cannot find file and none of my comments are in the data base although I have copies of SLS paper work on my computer. 03/20/2013, JFM///  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 26249  
Date Occurred: 2002-10-24 00:00:00  
Date Reported: 2003-05-02 00:00:00  
Description Of Incident: Two (2) 1,000-gallon gasoline USTs  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: 1  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 2  
Cause: Not reported  
Source: C  
Ust Number: C

Last Modified: Not reported  
**Incident Phase: Not reported**  
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

**IMD:**

Region: RAL  
Facility ID: 26249  
Date Occurred: 10/24/2002  
Submit Date: 5/2/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LARRY S BAIT AND TACKLE SHOP (Continued)**

**S105895855**

GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: Two (2) 1,000-gallon gasoline USTs  
Operator: Not reported  
Contact Phone: 9197322289  
Owner Company: CHESHIRE J. COLE, SR.  
Operator Address: 209 RILEY AVENUE  
Operator City: HILLSBOROUGH  
Oper City, St, Zip: HILLSBOROUGH, NC 27278-  
Ownership: Private  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Not reported  
Risk Site: Not reported  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: JFM  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Dept. of Env. Management  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: 7  
Agency: DWM  
Facility ID: Not reported  
Last Modified: Not reported  
Incident Phase: Not reported  
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

Count: 3 records.

ORPHAN SUMMARY

| <u>City</u>  | <u>EDR ID</u> | <u>Site Name</u>                | <u>Site Address</u>            | <u>Zip</u> | <u>Database(s)</u> |
|--------------|---------------|---------------------------------|--------------------------------|------------|--------------------|
| HILLSBOROUGH | S108664941    | ROBERTS PROPERTY (WILLIAM)      | 1421 US 70 EAST                | 27278      | LUST, LUST TRUST   |
| HILLSBOROUGH | S108664935    | FREELAND ESTATE (MAXINE) PROP A | 1407 US 70 EAST                | 27278      | LUST, LUST TRUST   |
| HILLSBOROUGH | S105485882    | HILLSBOROUGH DUMP               | NORTH SIDE OF TORAIN STREET ~3 |            | OLI                |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

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

|   |  |
|---|--|
| Date of Government Version: 10/10/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 11/03/2017    | Telephone: N/A                         |
| Date Made Active in Reports: 12/15/2017 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 42            | Next Scheduled EDR Contact: 04/16/2018 |
|   | 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: 10/10/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 11/03/2017    | Telephone: N/A                         |
| Date Made Active in Reports: 12/15/2017 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 42            | Next Scheduled EDR Contact: 04/16/2018 |
|   | Data Release Frequency: Quarterly      |

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### Delisted NPL: National Priority List Deletions

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

|   |  |
|---|--|
| Date of Government Version: 10/10/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 11/03/2017    | Telephone: N/A                         |
| Date Made Active in Reports: 12/15/2017 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 42            | Next Scheduled EDR Contact: 04/16/2018 |
|   | Data Release Frequency: Quarterly      |

## ***Federal CERCLIS list***

### FEDERAL FACILITY: Federal Facility Site Information listing

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

|   |   |
|---|---|
| Date of Government Version: 11/07/2016  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2017    | Telephone: 703-603-8704                 |
| Date Made Active in Reports: 04/07/2017 | Last EDR Contact: 10/06/2017            |
| Number of Days to Update: 92            | Next Scheduled EDR Contact: 01/15/2018  |
|   | Data Release Frequency: Varies          |

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

|   |  |
|---|--|
| Date of Government Version: 07/11/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 07/21/2017    | Telephone: 800-424-9346                |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 77            | Next Scheduled EDR Contact: 01/29/2018 |
|   | Data Release Frequency: Quarterly      |

## ***Federal CERCLIS NFRAP site list***

### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

|   |  |
|---|--|
| Date of Government Version: 07/11/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 07/28/2017    | Telephone: 800-424-9346                |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 70            | Next Scheduled EDR Contact: 01/29/2018 |
|   | Data Release Frequency: Quarterly      |

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

|   |  |
|---|--|
| Date of Government Version: 09/13/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 09/26/2017    | Telephone: 800-424-9346                |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/26/2017           |
| Number of Days to Update: 10            | Next Scheduled EDR Contact: 04/09/2018 |
|   | Data Release Frequency: Quarterly      |

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

|   |   |
|---|---|
| Date of Government Version: 09/13/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/26/2017    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/26/2017            |
| Number of Days to Update: 10            | Next Scheduled EDR Contact: 04/09/2018  |
|   | Data Release Frequency: Quarterly       |

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

|   |   |
|---|---|
| Date of Government Version: 09/13/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/26/2017    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/26/2017            |
| Number of Days to Update: 10            | Next Scheduled EDR Contact: 04/09/2018  |
|   | Data Release Frequency: Quarterly       |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/13/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/26/2017    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/26/2017            |
| Number of Days to Update: 10            | Next Scheduled EDR Contact: 04/09/2018  |
|   | 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: 09/13/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/26/2017    | Telephone: (404) 562-8651               |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/26/2017            |
| Number of Days to Update: 10            | Next Scheduled EDR Contact: 04/09/2018  |
|   | Data Release Frequency: Quarterly       |

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

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

|   |  |
|---|--|
| Date of Government Version: 05/22/2017  | Source: Department of the Navy         |
| Date Data Arrived at EDR: 06/13/2017    | Telephone: 843-820-7326                |
| Date Made Active in Reports: 09/15/2017 | Last EDR Contact: 11/08/2017           |
| Number of Days to Update: 94            | Next Scheduled EDR Contact: 02/26/2018 |
|   | Data Release Frequency: Varies         |

### US ENG CONTROLS: Engineering Controls Sites List

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

|   |   |
|---|---|
| Date of Government Version: 08/10/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/30/2017    | Telephone: 703-603-0695                 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 11/27/2017            |
| Number of Days to Update: 44            | Next Scheduled EDR Contact: 03/12/2018  |
|   | 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: 08/10/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/30/2017    | Telephone: 703-603-0695                 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 11/27/2017            |
| Number of Days to Update: 44            | Next Scheduled EDR Contact: 03/12/2018  |
|   | Data Release Frequency: Varies          |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2017

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Quarterly

## **State- and tribal - equivalent NPL**

HSDS: Hazardous Substance Disposal Site

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

Date of Government Version: 08/09/2011

Date Data Arrived at EDR: 11/08/2011

Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-754-6580

Last EDR Contact: 10/27/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Biennially

## **State- and tribal - equivalent CERCLIS**

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: 08/16/2017

Date Data Arrived at EDR: 09/13/2017

Date Made Active in Reports: 09/22/2017

Number of Days to Update: 9

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400

Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Quarterly

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

SWF/LF: List of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/28/2017

Date Data Arrived at EDR: 09/28/2017

Date Made Active in Reports: 10/19/2017

Number of Days to Update: 21

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692

Last EDR Contact: 12/28/2017

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Varies

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: 08/15/2017

Date Data Arrived at EDR: 10/11/2017

Date Made Active in Reports: 12/14/2017

Number of Days to Update: 64

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996

Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal leaking storage tank lists***

### **LAST: Leaking Aboveground Storage Tanks**

A listing of leaking aboveground storage tank site locations.

|   |   |
|---|---|
| Date of Government Version: 08/04/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 08/10/2017    | Telephone: 877-623-6748                               |
| Date Made Active in Reports: 09/25/2017 | Last EDR Contact: 11/08/2017                          |
| Number of Days to Update: 46            | Next Scheduled EDR Contact: 02/19/2018                |
|   | 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: 08/04/2017  | Source: Department of Environment and Natural Resources |
| Date Data Arrived at EDR: 08/10/2017    | Telephone: 919-733-1308                                 |
| Date Made Active in Reports: 09/25/2017 | Last EDR Contact: 11/08/2017                            |
| Number of Days to Update: 46            | Next Scheduled EDR Contact: 02/19/2018                  |
|   | Data Release Frequency: Quarterly                       |

### **INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Iowa, Kansas, and Nebraska

|   |  |
|---|--|
| Date of Government Version: 04/14/2017  | Source: EPA Region 7                   |
| Date Data Arrived at EDR: 07/27/2017    | Telephone: 913-551-7003                |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 71            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Varies         |

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

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

|   |  |
|---|--|
| Date of Government Version: 05/01/2017  | Source: EPA Region 8                   |
| Date Data Arrived at EDR: 07/27/2017    | Telephone: 303-312-6271                |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 78            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Varies         |

### **INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land**

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

|   |   |
|---|---|
| Date of Government Version: 04/13/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/27/2017    | Telephone: 415-972-3372                 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/27/2017            |
| Number of Days to Update: 78            | Next Scheduled EDR Contact: 02/05/2018  |
|   | Data Release Frequency: Varies          |

### **INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in New Mexico and Oklahoma.

|   |  |
|---|--|
| Date of Government Version: 04/24/2017  | Source: EPA Region 6                   |
| Date Data Arrived at EDR: 07/27/2017    | Telephone: 214-665-6597                |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 71            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Varies         |

### **INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Florida, Mississippi and North Carolina.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

|   |  |
|---|--|
| Date of Government Version: 10/14/2016  | Source: EPA Region 4                   |
| Date Data Arrived at EDR: 01/27/2017    | Telephone: 404-562-8677                |
| Date Made Active in Reports: 05/05/2017 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 98            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Semi-Annually  |

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

|   |  |
|---|--|
| Date of Government Version: 04/26/2017  | Source: EPA, Region 5                  |
| Date Data Arrived at EDR: 07/27/2017    | Telephone: 312-886-7439                |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 78            | Next Scheduled EDR Contact: 02/05/2018 |
|   | 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: 04/25/2017  | Source: EPA Region 10                  |
| Date Data Arrived at EDR: 11/07/2017    | Telephone: 206-553-2857                |
| Date Made Active in Reports: 12/08/2017 | Last EDR Contact: 11/07/2017           |
| Number of Days to Update: 31            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Varies         |

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

|   |  |
|---|--|
| Date of Government Version: 04/14/2017  | Source: EPA Region 1                   |
| Date Data Arrived at EDR: 07/27/2017    | Telephone: 617-918-1313                |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 71            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Varies         |

## 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: 10/09/2017  | Source: Department of Environment and Natural Resources |
| Date Data Arrived at EDR: 10/10/2017    | Telephone: 919-733-1315                                 |
| Date Made Active in Reports: 10/10/2017 | Last EDR Contact: 10/10/2017                            |
| Number of Days to Update: 0             | Next Scheduled EDR Contact: 01/22/2018                  |
|   | Data Release Frequency: Quarterly                       |

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

|   |  |
|---|--|
| Date of Government Version: 05/15/2017  | Source: FEMA                           |
| Date Data Arrived at EDR: 05/30/2017    | Telephone: 202-646-5797                |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/13/2017           |
| Number of Days to Update: 136           | Next Scheduled EDR Contact: 01/22/2018 |
|   | Data Release Frequency: Varies         |

### UST: Petroleum Underground Storage Tank Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/06/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 10/11/2017  
Number of Days to Update: 0

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1308  
Last EDR Contact: 11/08/2017  
Next Scheduled EDR Contact: 02/19/2018  
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: 08/24/2017  
Date Data Arrived at EDR: 09/19/2017  
Date Made Active in Reports: 09/25/2017  
Number of Days to Update: 6

Source: Department of Environment and Natural Resources  
Telephone: 919-715-6183  
Last EDR Contact: 12/15/2017  
Next Scheduled EDR Contact: 04/02/2018  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/26/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/24/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 12/08/2017  
Number of Days to Update: 134

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/02/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

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

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

Date of Government Version: 05/01/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/14/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/13/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

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

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

Date of Government Version: 10/14/2016  
Date Data Arrived at EDR: 01/27/2017  
Date Made Active in Reports: 05/05/2017  
Number of Days to Update: 98

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/25/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

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

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

Date of Government Version: 08/16/2017  
Date Data Arrived at EDR: 09/13/2017  
Date Made Active in Reports: 09/22/2017  
Number of Days to Update: 9

Source: Department of Environment, Health and Natural Resources  
Telephone: 919-508-8400  
Last EDR Contact: 12/13/2017  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### 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: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Responsible Party Voluntary Action Sites  
Responsible Party Voluntary Action site locations.

|   |   |
|---|---|
| Date of Government Version: 08/16/2017  | Source: Department of Environment and Natural Resources |
| Date Data Arrived at EDR: 09/13/2017    | Telephone: 919-508-8400                                 |
| Date Made Active in Reports: 09/25/2017 | Last EDR Contact: 12/13/2017                            |
| Number of Days to Update: 12            | Next Scheduled EDR Contact: 03/26/2018                  |
|   | Data Release Frequency: Semi-Annually                   |

INDIAN VCP R1: Voluntary Cleanup Priority Listing  
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

|   |  |
|---|--|
| Date of Government Version: 07/27/2015  | Source: EPA, Region 1                  |
| Date Data Arrived at EDR: 09/29/2015    | Telephone: 617-918-1102                |
| Date Made Active in Reports: 02/18/2016 | Last EDR Contact: 12/20/2017           |
| Number of Days to Update: 142           | Next Scheduled EDR Contact: 04/09/2018 |
|   | Data Release Frequency: Varies         |

## ***State and tribal Brownfields sites***

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

|   |   |
|---|---|
| Date of Government Version: 09/01/2017  | Source: Department of Environment and Natural Resources |
| Date Data Arrived at EDR: 09/21/2017    | Telephone: 919-733-4996                                 |
| Date Made Active in Reports: 09/22/2017 | Last EDR Contact: 09/21/2017                            |
| Number of Days to Update: 1             | Next Scheduled EDR Contact: 01/15/2018                  |
|   | Data Release Frequency: Varies                          |

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

|   |   |
|---|---|
| Date of Government Version: 08/21/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/20/2017    | Telephone: 202-566-2777                 |
| Date Made Active in Reports: 12/08/2017 | Last EDR Contact: 12/19/2017            |
| Number of Days to Update: 79            | Next Scheduled EDR Contact: 04/02/2018  |
|   | Data Release Frequency: Semi-Annually   |

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

SWRCY: Recycling Center Listing  
A listing of recycling center locations.

|   |   |
|---|---|
| Date of Government Version: 08/18/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 08/22/2017    | Telephone: 919-707-8137                               |
| Date Made Active in Reports: 09/25/2017 | Last EDR Contact: 10/26/2017                          |
| Number of Days to Update: 34            | Next Scheduled EDR Contact: 02/12/2018                |
|   | Data Release Frequency: Varies                        |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/19/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands  
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
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: 10/30/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/20/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985  
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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/13/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 30

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/28/2017  
Next Scheduled EDR Contact: 03/12/2018  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US CDL: Clandestine Drug Labs

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

|   |   |
|---|---|
| Date of Government Version: 07/13/2017  | Source: Drug Enforcement Administration |
| Date Data Arrived at EDR: 09/06/2017    | Telephone: 202-307-1000                 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 11/28/2017            |
| Number of Days to Update: 30            | Next Scheduled EDR Contact: 03/12/2018  |
|   | Data Release Frequency: Quarterly       |

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

|   |   |
|---|---|
| Date of Government Version: 07/11/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/26/2017    | Telephone: 202-564-6023                 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 12/22/2017            |
| Number of Days to Update: 79            | Next Scheduled EDR Contact: 02/05/2018  |
|   | Data Release Frequency: Semi-Annually   |

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

|   |   |
|---|---|
| Date of Government Version: 09/21/2017  | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 09/21/2017    | Telephone: 202-366-4555                   |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 12/28/2017              |
| Number of Days to Update: 22            | Next Scheduled EDR Contact: 04/09/2018    |
|   | Data Release Frequency: Quarterly         |

### SPILLS: Spills Incident Listing

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

|   |   |
|---|---|
| Date of Government Version: 09/14/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 09/19/2017    | Telephone: 919-807-6308                               |
| Date Made Active in Reports: 09/22/2017 | Last EDR Contact: 12/08/2017                          |
| Number of Days to Update: 3             | Next Scheduled EDR Contact: 03/26/2018                |
|   | Data Release Frequency: Varies                        |

### IMD: Incident Management Database

Groundwater and/or soil contamination incidents

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

### SPILLS 90: SPILLS90 data from FirstSearch

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 03/06/2013  
Number of Days to Update: 62

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SPILLS 80: SPILLS80 data from FirstSearch

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

Date of Government Version: 06/14/2001  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 03/06/2013  
Number of Days to Update: 62

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## Other Ascertainable Records

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2017  
Date Data Arrived at EDR: 09/26/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 10

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/26/2017  
Next Scheduled EDR Contact: 04/09/2018  
Data Release Frequency: Quarterly

### 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: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 11/22/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

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

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 10/13/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/11/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: N/A

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 01/01/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/03/2017    | Telephone: 615-532-8599                 |
| Date Made Active in Reports: 04/07/2017 | Last EDR Contact: 11/17/2017            |
| Number of Days to Update: 63            | Next Scheduled EDR Contact: 02/26/2018  |
|   | Data Release Frequency: Varies          |

### US FIN ASSUR: Financial Assurance Information

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

|   |   |
|---|---|
| Date of Government Version: 10/17/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/01/2017    | Telephone: 202-566-1917                 |
| Date Made Active in Reports: 12/08/2017 | Last EDR Contact: 12/26/2017            |
| Number of Days to Update: 37            | Next Scheduled EDR Contact: 04/09/2018  |
|   | Data Release Frequency: Quarterly       |

### EPA WATCH LIST: EPA WATCH LIST

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

|   |   |
|---|---|
| Date of Government Version: 08/30/2013  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/21/2014    | Telephone: 617-520-3000                 |
| Date Made Active in Reports: 06/17/2014 | Last EDR Contact: 11/06/2017            |
| Number of Days to Update: 88            | Next Scheduled EDR Contact: 02/19/2018  |
|   | Data Release Frequency: Quarterly       |

### 2020 COR ACTION: 2020 Corrective Action Program List

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

|   |   |
|---|---|
| Date of Government Version: 04/22/2013  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/03/2015    | Telephone: 703-308-4044                 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 11/09/2017            |
| Number of Days to Update: 6             | Next Scheduled EDR Contact: 02/19/2018  |
|   | Data Release Frequency: Varies          |

### TSCA: Toxic Substances Control Act

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

|   |  |
|---|--|
| Date of Government Version: 12/31/2012  | Source: EPA                            |
| Date Data Arrived at EDR: 01/15/2015    | Telephone: 202-260-5521                |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 14            | Next Scheduled EDR Contact: 04/02/2018 |
|   | Data Release Frequency: Every 4 Years  |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TRIS: Toxic Chemical Release Inventory System

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

|   |  |
|---|--|
| Date of Government Version: 12/31/2014  | Source: EPA                            |
| Date Data Arrived at EDR: 11/24/2015    | Telephone: 202-566-0250                |
| Date Made Active in Reports: 04/05/2016 | Last EDR Contact: 11/20/2017           |
| Number of Days to Update: 133           | Next Scheduled EDR Contact: 03/05/2018 |
|   | Data Release Frequency: Annually       |

## SSTS: Section 7 Tracking Systems

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

|   |  |
|---|--|
| Date of Government Version: 12/31/2009  | Source: EPA                            |
| Date Data Arrived at EDR: 12/10/2010    | Telephone: 202-564-4203                |
| Date Made Active in Reports: 02/25/2011 | Last EDR Contact: 10/27/2017           |
| Number of Days to Update: 77            | Next Scheduled EDR Contact: 02/05/2018 |
|   | Data Release Frequency: Annually       |

## ROD: Records Of Decision

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

|   |  |
|---|--|
| Date of Government Version: 09/27/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 10/12/2017    | Telephone: 703-416-0223                |
| Date Made Active in Reports: 10/20/2017 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 8             | Next Scheduled EDR Contact: 03/19/2018 |
|   | Data Release Frequency: Annually       |

## RMP: Risk Management Plans

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

|   |   |
|---|---|
| Date of Government Version: 11/02/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/17/2017    | Telephone: 202-564-8600                 |
| Date Made Active in Reports: 12/08/2017 | Last EDR Contact: 10/23/2017            |
| Number of Days to Update: 21            | Next Scheduled EDR Contact: 02/05/2018  |
|   | Data Release Frequency: Varies          |

## RAATS: RCRA Administrative Action Tracking System

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

|   |  |
|---|--|
| Date of Government Version: 10/25/2013  | Source: EPA                            |
| Date Data Arrived at EDR: 10/17/2014    | Telephone: 202-564-6023                |
| Date Made Active in Reports: 10/20/2014 | Last EDR Contact: 12/22/2017           |
| Number of Days to Update: 3             | Next Scheduled EDR Contact: 02/19/2018 |
|   | 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: 06/01/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 06/09/2017    | Telephone: 202-566-0500                |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/13/2017           |
| Number of Days to Update: 126           | Next Scheduled EDR Contact: 01/22/2018 |
|   | 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: 11/18/2016  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/23/2016    | Telephone: 202-564-2501                 |
| Date Made Active in Reports: 02/10/2017 | Last EDR Contact: 10/11/2017            |
| Number of Days to Update: 79            | Next Scheduled EDR Contact: 01/22/2018  |
|   | Data Release Frequency: Quarterly       |

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

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

|   |   |
|---|---|
| Date of Government Version: 04/09/2009  | Source: EPA/Office of Prevention, Pesticides and Toxic Substances |
| Date Data Arrived at EDR: 04/16/2009    | Telephone: 202-566-1667   |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 08/18/2017                                      |
| Number of Days to Update: 25            | Next Scheduled EDR Contact: 12/04/2017                            |
|   | Data Release Frequency: Quarterly                                 |

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

|   |  |
|---|--|
| Date of Government Version: 04/09/2009  | Source: EPA                            |
| Date Data Arrived at EDR: 04/16/2009    | Telephone: 202-566-1667                |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 08/18/2017           |
| Number of Days to Update: 25            | Next Scheduled EDR Contact: 12/04/2017 |
|   | Data Release Frequency: Quarterly      |

## MLTS: Material Licensing Tracking System

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

|   |  |
|---|--|
| Date of Government Version: 08/30/2016  | Source: Nuclear Regulatory Commission  |
| Date Data Arrived at EDR: 09/08/2016    | Telephone: 301-415-7169                |
| Date Made Active in Reports: 10/21/2016 | Last EDR Contact: 10/16/2017           |
| Number of Days to Update: 43            | Next Scheduled EDR Contact: 11/20/2017 |
|   | Data Release Frequency: Quarterly      |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

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

|   |  |
|---|--|
| Date of Government Version: 12/31/2005  | Source: Department of Energy           |
| Date Data Arrived at EDR: 08/07/2009    | Telephone: 202-586-8719                |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 12/05/2017           |
| Number of Days to Update: 76            | Next Scheduled EDR Contact: 03/19/2018 |
|   | Data Release Frequency: Varies         |

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

|   |   |
|---|---|
| Date of Government Version: 07/01/2014  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/10/2014    | Telephone: N/A                          |
| Date Made Active in Reports: 10/20/2014 | Last EDR Contact: 12/08/2017            |
| Number of Days to Update: 40            | Next Scheduled EDR Contact: 03/19/2018  |
|   | Data Release Frequency: Varies          |

## PCB TRANSFORMER: PCB Transformer Registration Database

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

|   |   |
|---|---|
| Date of Government Version: 05/24/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/30/2017    | Telephone: 202-566-0517                 |
| Date Made Active in Reports: 12/15/2017 | Last EDR Contact: 10/26/2017            |
| Number of Days to Update: 15            | Next Scheduled EDR Contact: 02/05/2018  |
|   | Data Release Frequency: Varies          |

## RADINFO: Radiation Information Database

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

|   |   |
|---|---|
| Date of Government Version: 10/02/2017  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/05/2017    | Telephone: 202-343-9775                 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/05/2017            |
| Number of Days to Update: 8             | Next Scheduled EDR Contact: 01/15/2018  |
|   | Data Release Frequency: Quarterly       |

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

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

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

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

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

# 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

## DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 10/31/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 12/18/2017  
Next Scheduled EDR Contact: 04/02/2018  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/20/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Biennially

## 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: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/11/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/02/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 11/22/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017  
Date Data Arrived at EDR: 11/03/2017  
Date Made Active in Reports: 12/15/2017  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 12/22/2017  
Next Scheduled EDR Contact: 04/16/2018  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

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

Date of Government Version: 07/31/2017  
Date Data Arrived at EDR: 08/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 11/28/2017  
Next Scheduled EDR Contact: 03/12/2018  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/01/2017  
Next Scheduled EDR Contact: 03/12/2018  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/01/2017  
Next Scheduled EDR Contact: 03/12/2018  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/25/2017  
Date Data Arrived at EDR: 09/26/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 24

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/19/2017  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/23/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 9

Source: EPA  
Telephone: (404) 562-9900  
Last EDR Contact: 12/05/2017  
Next Scheduled EDR Contact: 03/19/2018  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 44

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 12/05/2017  
Next Scheduled EDR Contact: 03/19/2018  
Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 02/13/2017  
Date Data Arrived at EDR: 02/15/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 261

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 11/21/2017  
Next Scheduled EDR Contact: 03/12/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

|   |  |
|---|--|
| Date of Government Version: 10/25/2016  | Source: Department of Defense          |
| Date Data Arrived at EDR: 06/02/2017    | Telephone: 703-704-1564                |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 10/16/2017           |
| Number of Days to Update: 133           | Next Scheduled EDR Contact: 01/29/2018 |
|   | Data Release Frequency: Varies         |

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

|   |  |
|---|--|
| Date of Government Version: 08/17/2017  | Source: EPA                            |
| Date Data Arrived at EDR: 08/17/2017    | Telephone: 800-385-6164                |
| Date Made Active in Reports: 09/15/2017 | Last EDR Contact: 11/20/2017           |
| Number of Days to Update: 29            | Next Scheduled EDR Contact: 03/05/2018 |
|   | Data Release Frequency: Quarterly      |

## COAL ASH: Coal Ash Disposal Sites

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

|   |   |
|---|---|
| Date of Government Version: 12/14/2015  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 02/23/2016    | Telephone: 919-807-6359                               |
| Date Made Active in Reports: 05/18/2016 | Last EDR Contact: 11/03/2017                          |
| Number of Days to Update: 85            | Next Scheduled EDR Contact: 02/12/2018                |
|   | Data Release Frequency: Varies                        |

## DRYCLEANERS: Drycleaning Sites

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

|   |   |
|---|---|
| Date of Government Version: 04/04/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 06/20/2017    | Telephone: 919-508-8400                               |
| Date Made Active in Reports: 08/10/2017 | Last EDR Contact: 12/22/2017                          |
| Number of Days to Update: 51            | Next Scheduled EDR Contact: 04/02/2018                |
|   | Data Release Frequency: Varies                        |

## Financial Assurance 1: Financial Assurance Information Listing

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

|   |   |
|---|---|
| Date of Government Version: 10/06/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 10/11/2017    | Telephone: 919-733-1322                               |
| Date Made Active in Reports: 10/11/2017 | Last EDR Contact: 11/08/2017                          |
| Number of Days to Update: 0             | Next Scheduled EDR Contact: 02/19/2018                |
|   | Data Release Frequency: Quarterly                     |

## Financial Assurance 2: Financial Assurance Information Listing

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

|   |   |
|---|---|
| Date of Government Version: 10/02/2012  | Source: Department of Environmental & Natural Resources |
| Date Data Arrived at EDR: 10/03/2012    | Telephone: 919-508-8496                                 |
| Date Made Active in Reports: 10/26/2012 | Last EDR Contact: 12/21/2017                            |
| Number of Days to Update: 23            | Next Scheduled EDR Contact: 04/09/2018                  |
|   | Data Release Frequency: Varies                          |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 3: Financial Assurance Information  
Hazardous waste financial assurance information.

|   |   |
|---|---|
| Date of Government Version: 09/11/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 09/12/2017    | Telephone: 919-707-8222                               |
| Date Made Active in Reports: 10/11/2017 | Last EDR Contact: 12/08/2017                          |
| Number of Days to Update: 29            | Next Scheduled EDR Contact: 03/26/2018                |
|   | Data Release Frequency: Varies                        |

NPDES: NPDES Facility Location Listing

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

|   |   |
|---|---|
| Date of Government Version: 10/19/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 11/07/2017    | Telephone: 919-733-7015                               |
| Date Made Active in Reports: 12/14/2017 | Last EDR Contact: 11/03/2017                          |
| Number of Days to Update: 37            | Next Scheduled EDR Contact: 02/12/2018                |
|   | Data Release Frequency: Varies                        |

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

|   |   |
|---|---|
| Date of Government Version: 09/01/2017  | Source: Department of Environment & Natural Resources |
| Date Data Arrived at EDR: 09/06/2017    | Telephone: 919-807-6412                               |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 12/04/2017                          |
| Number of Days to Update: 30            | Next Scheduled EDR Contact: 03/19/2018                |
|   | Data Release Frequency: Quarterly                     |

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

|                                  |                                 |
|----------------------------------|---------------------------------|
| Date of Government Version: N/A  | Source: EDR, Inc.               |
| Date Data Arrived at EDR: N/A    | Telephone: N/A                  |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A           |
| Number of Days to Update: N/A    | Next Scheduled EDR Contact: N/A |
|                                  | Data Release Frequency: Varies  |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

|                                  |                                 |
|----------------------------------|---------------------------------|
| Date of Government Version: N/A  | Source: EDR, Inc.               |
| Date Data Arrived at EDR: N/A    | Telephone: N/A                  |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A           |
| Number of Days to Update: N/A    | Next Scheduled EDR Contact: N/A |
|                                  | Data Release Frequency: Varies  |

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

|   |   |
|---|---|
| Date of Government Version: N/A         | Source: Department of Environment, Health and Natural Resources |
| Date Data Arrived at EDR: 07/01/2013    | Telephone: N/A  |
| Date Made Active in Reports: 12/24/2013 | Last EDR Contact: 06/01/2012                                    |
| Number of Days to Update: 176           | Next Scheduled EDR Contact: N/A                                 |
|   | Data Release Frequency: Varies                                  |

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

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

|   |   |
|---|---|
| Date of Government Version: N/A         | Source: Department of Environment, Health and Natural Resources |
| Date Data Arrived at EDR: 07/01/2013    | Telephone: N/A  |
| Date Made Active in Reports: 01/13/2014 | Last EDR Contact: 06/01/2012                                    |
| Number of Days to Update: 196           | Next Scheduled EDR Contact: N/A                                 |
|   | Data Release Frequency: Varies                                  |

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

|   |   |
|---|---|
| Date of Government Version: N/A         | Source: Department of Environment, Health and Natural Resources |
| Date Data Arrived at EDR: 07/01/2013    | Telephone: N/A  |
| Date Made Active in Reports: 12/20/2013 | Last EDR Contact: 06/01/2012                                    |
| Number of Days to Update: 172           | Next Scheduled EDR Contact: N/A                                 |
|   | Data Release Frequency: Varies                                  |

## OTHER DATABASE(S)

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/11/2017  
Date Data Arrived at EDR: 11/14/2017  
Date Made Active in Reports: 12/18/2017  
Number of Days to Update: 34

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 02/26/2018  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 04/11/2017  
Date Made Active in Reports: 07/27/2017  
Number of Days to Update: 107

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/05/2017  
Next Scheduled EDR Contact: 01/22/2018  
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: 10/01/2017  
Date Data Arrived at EDR: 11/01/2017  
Date Made Active in Reports: 11/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 07/25/2017  
Date Made Active in Reports: 09/25/2017  
Number of Days to Update: 62

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/16/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 04/13/2017  
Date Made Active in Reports: 07/14/2017  
Number of Days to Update: 92

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/11/2017  
Next Scheduled EDR Contact: 03/26/2018  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

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

## Electric Power Transmission Line Data

Source: PennWell Corporation

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

DMV PROPERTIES  
524 WEST HILL AVENUE NORTH  
HILLSBOROUGH, NC 27278

### TARGET PROPERTY COORDINATES

|                               |                           |
|-------------------------------|---------------------------|
| Latitude (North):             | 36.083605 - 36° 5' 0.98"  |
| Longitude (West):             | 79.124329 - 79° 7' 27.58" |
| Universal Tranverse Mercator: | Zone 17                   |
| UTM X (Meters):               | 668884.5                  |
| UTM Y (Meters):               | 3994649.2                 |
| Elevation:                    | 627 ft. above sea level   |

### USGS TOPOGRAPHIC MAP

|                      |                          |
|----------------------|--------------------------|
| Target Property Map: | 5947925 HILLSBOROUGH, NC |
| Version Date:        | 2013                     |
| West Map:            | 5947915 EFLAND, NC       |
| Version Date:        | 2013                     |

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

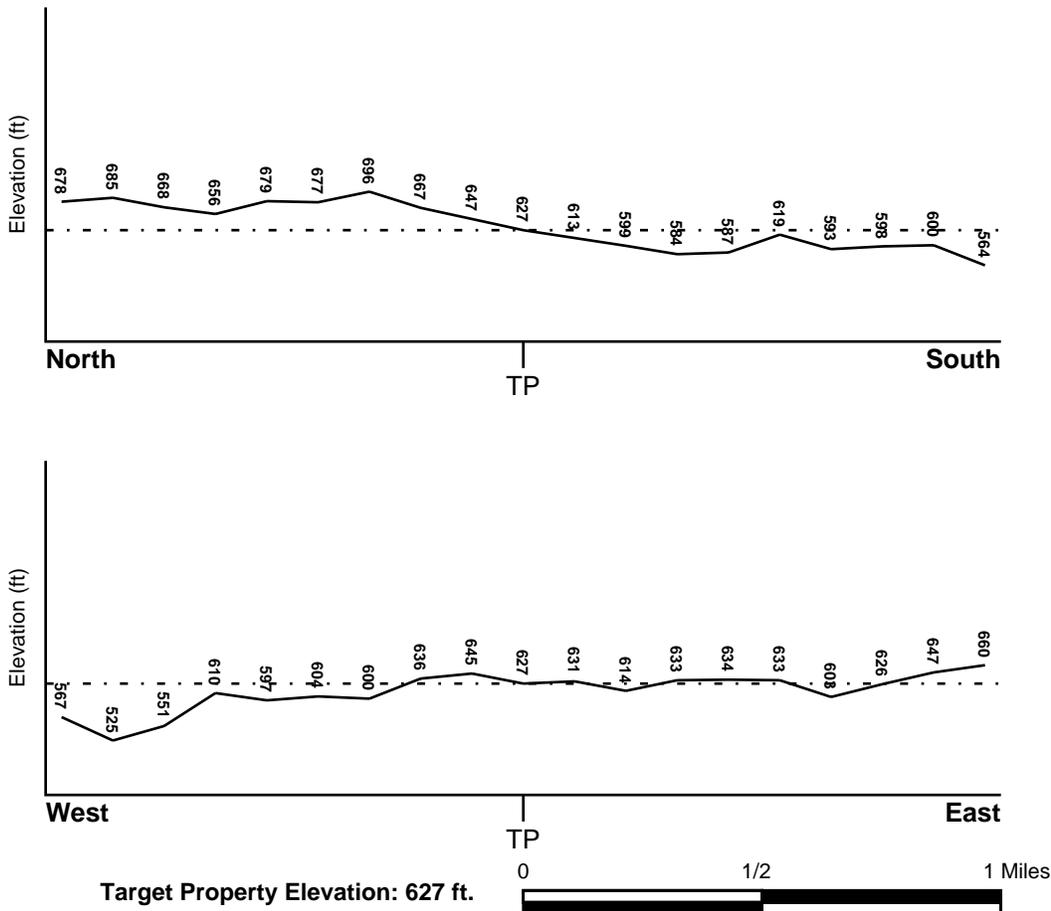
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

## 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>Flood Plain Panel at Target Property</u> | <u>FEMA Source Type</u> |
|---|-------------------------|
| 3710986400J                                 | FEMA FIRM Flood data    |
| <u>Additional Panels in search area:</u>    | <u>FEMA Source Type</u> |
| 3710986500J                                 | FEMA FIRM Flood data    |
| 3710985500J                                 | FEMA FIRM Flood data    |
| 3710985400J                                 | FEMA FIRM Flood data    |

## **NATIONAL WETLAND INVENTORY**

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

## **HYDROGEOLOGIC INFORMATION**

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

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

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

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

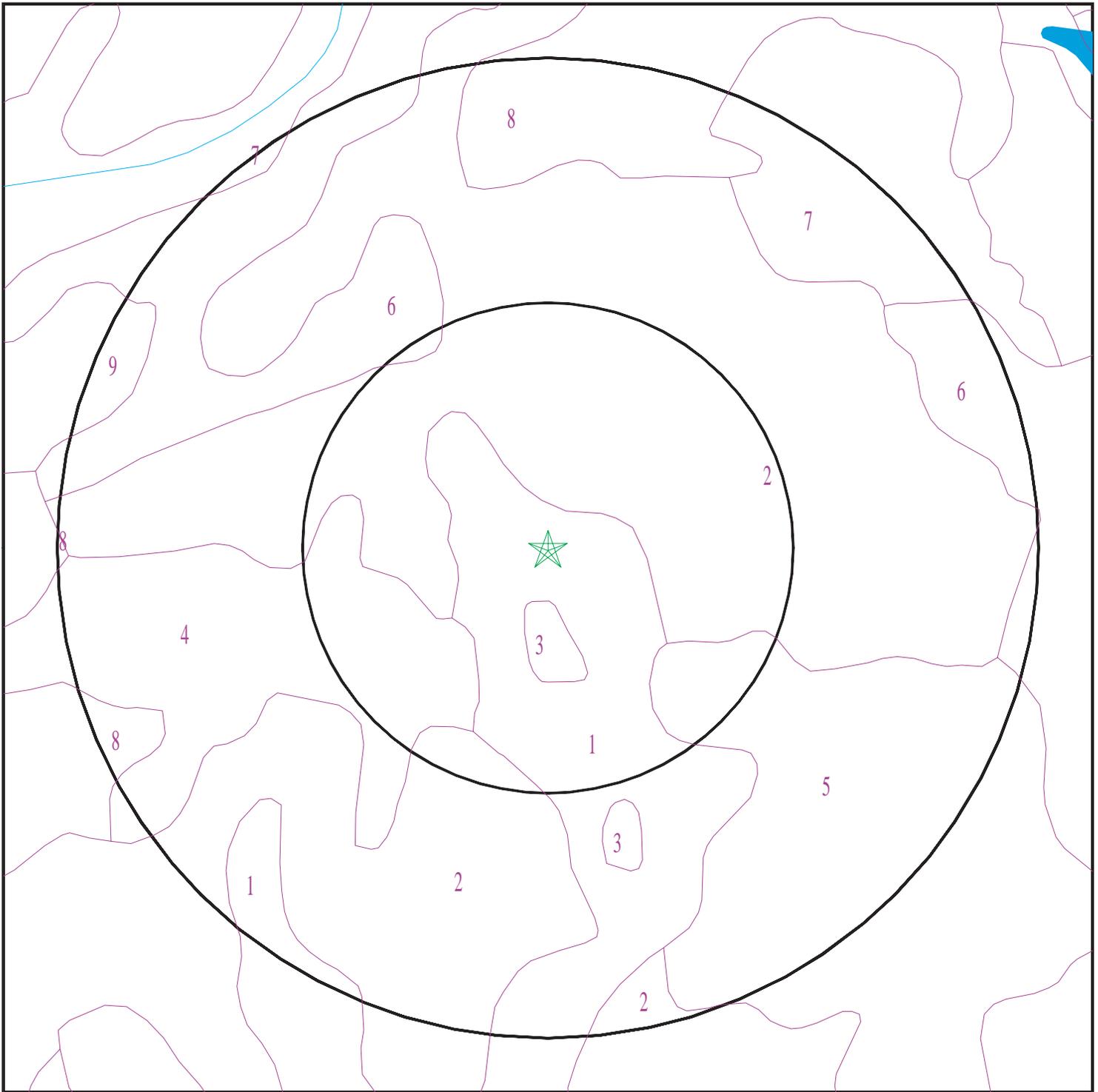
|         |   |
|---------|---|
| Era:    | Paleozoic   |
| System: | Cambrian  |
| Series: | Cambrian volcanic rocks                               |
| Code:   | Cv <i>(decoded above as Era, System &amp; Series)</i> |

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Volcanic Rocks

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 - 05147343.2r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: DMV Properties  
ADDRESS: 524 West Hill Avenue North  
Hillsborough NC 27278  
LAT/LONG: 36.083605 / 79.124329

CLIENT: ECS Carolinas, LLP  
CONTACT: Shannon Zirpolo  
INQUIRY #: 05147343.2r  
DATE: December 29, 2017 11:11 am

# 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: Herndon

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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 | 3 inches  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 6.5<br>Min: 4.5 |
| 2                      | 3 inches | 7 inches  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 6.5<br>Min: 4.5 |
| 3                      | 7 inches | 38 inches | silty clay         | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>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  |  |                      |
| 4                      | 38 inches | 44 inches | silty clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 3.6 |
| 5                      | 44 inches | 78 inches | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 3.6 |

### Soil Map ID: 2

Soil Component Name: Georgeville

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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 | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 6 Min:<br>4.5 |

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information |           |           |                    |  |   |   |                      |
|------------------------|-----------|-----------|--------------------|--|---|---|----------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification   |   | Saturated hydraulic conductivity<br>micro m/sec | Soil Reaction (pH)   |
|                        | Upper     | Lower     |                    | AASHTO Group   | Unified Soil  |   |                      |
| 2                      | 7 inches  | 61 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                               | Max: 5.5<br>Min: 4.5 |
| 3                      | 61 inches | 78 inches | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                               | Max: 5.5<br>Min: 4.5 |

### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: silt loam

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

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 4

Soil Component Name: Herndon

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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  | 3 inches  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 6.5<br>Min: 4.5 |
| 2                      | 38 inches | 44 inches | silty clay loam    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 3.6 |
| 3                      | 44 inches | 78 inches | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 3.6 |
| 4                      | 3 inches  | 7 inches  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 6.5<br>Min: 4.5 |
| 5                      | 7 inches  | 38 inches | silty clay         | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 3.6 |

**Soil Map ID: 5**

Soil Component Name: Georgeville

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 7.3<br>Min: 4.5 |
| 2                      | 7 inches  | 14 inches | clay loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 4.5 |
| 3                      | 14 inches | 44 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 4.5 |
| 4                      | 44 inches | 78 inches | 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: 14<br>Min: 4                            | Max: 5.5<br>Min: 4.5 |

### Soil Map ID: 6

Soil Component Name: Tatum

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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  | 5 inches  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay   | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 4.5 |
| 2                      | 5 inches  | 53 inches | silty clay         | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 14<br>Min: 4                            | Max: 5.5<br>Min: 4.5 |
| 3                      | 53 inches | 62 inches | weathered bedrock  | Not reported   | Not reported  | Max: 0.42<br>Min: 0                          | Max: Min:            |

### Soil Map ID: 7

Soil Component Name: Enon

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: Well drained

Hydric Status: Not 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<br>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, Clayey sand.                        | Max: 42<br>Min: 14                              | Max: 6.5<br>Min: 5.1 |
| 2                      | 7 inches  | 11 inches |                    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils. | Max: 14<br>Min: 4                               | Max: 6.5<br>Min: 5.1 |
| 3                      | 11 inches | 33 inches |                    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils. | Max: 1.4<br>Min: 0.42                           | Max: 7.8<br>Min: 5.1 |
| 4                      | 33 inches | 74 inches | loam               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                         | Max: 14<br>Min: 1.4                             | Max: 7.8<br>Min: 6.1 |

### Soil Map ID: 8

Soil Component Name: Georgeville

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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<br>micro m/sec | Soil Reaction (pH)   |
|                        | Upper     | Lower     |                    | AASHTO Group   | Unified Soil  |   |                      |
| 1                      | 0 inches  | 5 inches  | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                               | Max: 6 Min:<br>4.5   |
| 2                      | 5 inches  | 35 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                               | Max: 5.5<br>Min: 4.5 |
| 3                      | 35 inches | 78 inches | silt loam          | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 14<br>Min: 4                               | Max: 5.5<br>Min: 4.5 |

**Soil Map ID: 9**

Soil Component Name:                    Enon

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:                      Well drained

Hydric Status: Partially 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<br>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, Clayey sand.                        | Max: 42<br>Min: 14                              | Max: 6.5<br>Min: 5.1 |
| 2                      | 7 inches  | 11 inches |                    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils. | Max: 14<br>Min: 4                               | Max: 6.5<br>Min: 5.1 |
| 3                      | 11 inches | 33 inches |                    | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils. | Max: 1.4<br>Min: 0.42                           | Max: 7.8<br>Min: 5.1 |
| 4                      | 33 inches | 74 inches | loam               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.  | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                         | Max: 14<br>Min: 1.4                             | Max: 7.8<br>Min: 6.1 |

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### 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> |
|---------------|----------------|-------------------------|
|               |                |                         |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

| <u>MAP ID</u>  | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|----------------|----------------|-------------------------|
| No Wells Found |                |                         |

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|----------------|-------------------------|
| 1             | NC0368020      | 1/4 - 1/2 Mile WNW      |

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

## STATE DATABASE WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u>  | <u>LOCATION FROM TP</u> |
|---------------|-----------------|-------------------------|
| 2             | NC2000000007838 | 1/2 - 1 Mile West       |

## OTHER STATE DATABASE INFORMATION

### NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

| <u>ID</u>  | <u>Class</u>                 |
|------------|------------------------------|
| NC50001264 | Natural Community Occurrence |
| NC50002496 | Natural Community Occurrence |
| NC50002623 | Invertebrate                 |
| NC50002723 | Animal                       |
| NC50003686 | Natural Community Occurrence |
| NC50003917 | Plants                       |
| NC50005129 | Invertebrate                 |
| NC50006463 | Animal                       |
| NC50007737 | Invertebrate                 |
| NC50008089 | Invertebrate                 |
| NC50008320 | Plants                       |
| NC50008333 | Natural Community Occurrence |
| NC50009556 | Natural Community Occurrence |
| NC50010175 | Natural Community Occurrence |
| NC50010187 | Natural Community Occurrence |
| NC50010805 | Natural Community Occurrence |
| NC50011316 | Natural Community Occurrence |
| NC50012149 | Plants                       |
| NC50014646 | Plants                       |
| NC50018284 | Plants                       |

## GEOCHECK - PHYSICAL SETTING SOURCE SUMMARY

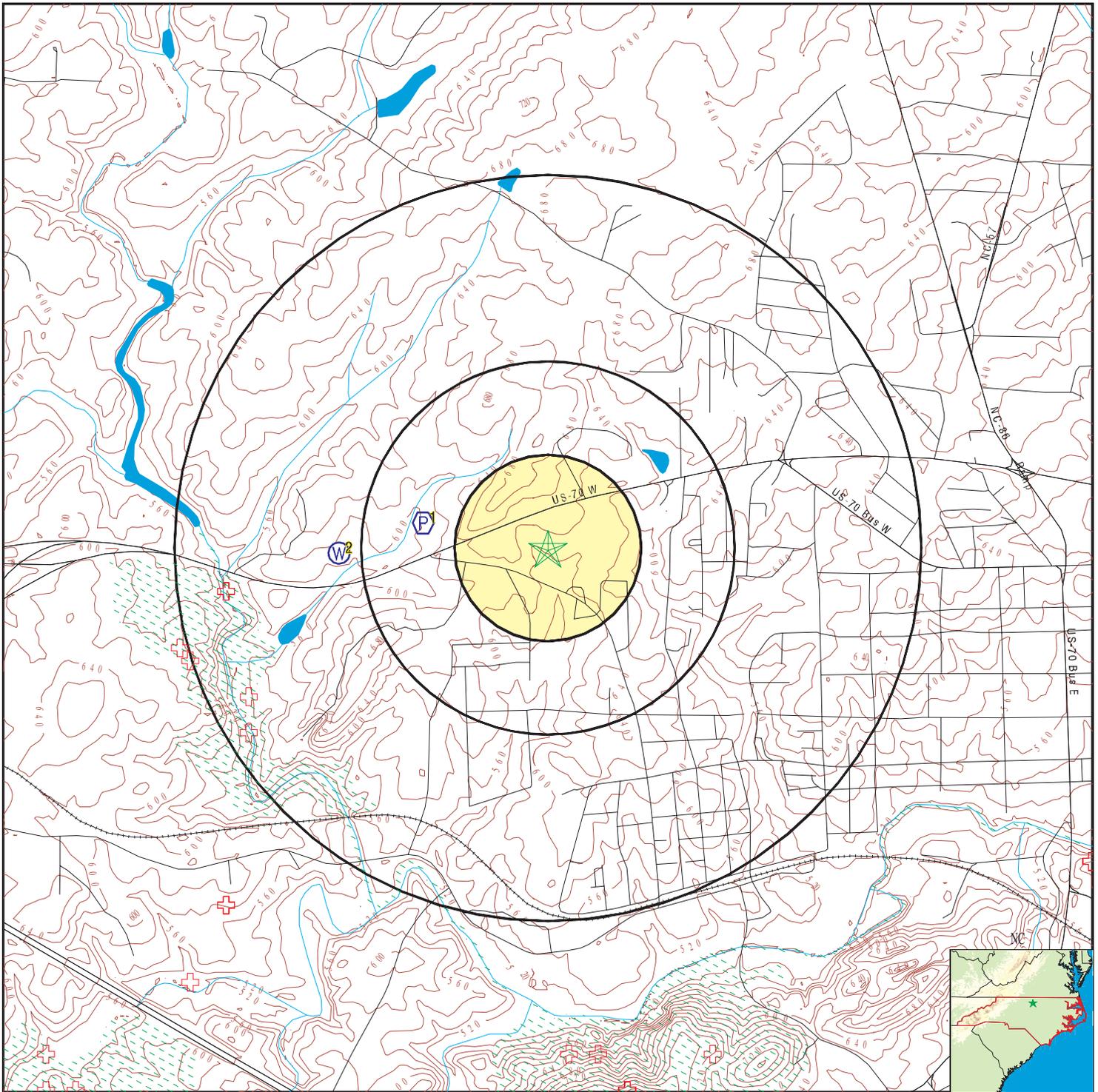
### NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

| ID         | Class        |
|------------|--------------|
| NC50018360 | Invertebrate |
| NC50022222 | Invertebrate |

### NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

| ID         | Name                               |
|------------|------------------------------------|
| NC10000245 | OCCONEECHEE MOUNTAIN               |
| NC10001904 | SEVENMILE CREEK SUGAR MAPLE BOTTOM |
| NC10002248 | ENO RIVER DUKE FOREST MESIC SLOPES |
| NC10002249 | ENO RIVER DUKE FOREST MESIC SLOPES |
| NC10003334 | ENO RIVER AQUATIC HABITAT          |

# PHYSICAL SETTING SOURCE MAP - 05147343.2r



- |  |  |                           |
|--|--|---------------------------|
| County Boundary                            | Groundwater Flow Direction                 | Wildlife Areas            |
| Major Roads                                | Indeterminate Groundwater Flow at Location | Natural Areas             |
| Contour Lines                              | Groundwater Flow Varies at Location        | Rare & Endangered Species |
| Earthquake epicenter, Richter 5 or greater |  |                           |
| Water Wells                                |  |                           |
| Public Water Supply Wells                  |  |                           |
| Cluster of Multiple Icons                  |  |                           |

**SITE NAME:** DMV Properties  
**ADDRESS:** 524 West Hill Avenue North  
 Hillsborough NC 27278  
**LAT/LONG:** 36.083605 / 79.124329

**CLIENT:** ECS Carolinas, LLP  
**CONTACT:** Shannon Zirpolo  
**INQUIRY #:** 05147343.2r  
**DATE:** December 29, 2017 11:10 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**WNW**      **FRDS PWS**      **NC0368020**  
**1/4 - 1/2 Mile**  
**Lower**

|                   |                              |                   |               |
|-------------------|------------------------------|-------------------|---------------|
| Epa region:       | 04                           | State:            | NC            |
| Pwsid:            | NC0368020                    |                   |               |
| Pwsname:          | ORANGE-ALAMANCE WATER SYSTEM |                   |               |
| City served:      | Not Reported                 | State served:     | NC            |
| Zip served:       | Not Reported                 | Fips county:      | 37135         |
| Status:           | Active                       | Pop srvd:         | 9000          |
| Pwsvcconn:        | 3455                         | Source:           | Surface_water |
| Pws type:         | CWS                          | Owner:            | Private       |
| Contact:          | METCALF, FAYE                |                   |               |
| Contact or gname: | METCALF, FAYE                |                   |               |
| Contact phone:    | 919-563-6212                 | Contact address1: | PO BOX 187    |
| Contact address2: | Not Reported                 | Contact city:     | MEBANE        |
| Contact state:    | NC                           | Contact zip:      | 27302         |
| Activity code:    | A                            |                   |               |

|                |                       |                    |               |
|----------------|-----------------------|--------------------|---------------|
| Facid:         | 10120                 |                    |               |
| Facname:       | TREATMENT_PLT_WELL #3 |                    |               |
| Facility type: | Treatment_plant       | Activity code:     | A             |
| Treatment obj: | disinfection          | Treatment process: | chloramines   |
| Treatment obj: | manganese removal     | Treatment process: | sequestration |

|                |                                      |                    |             |
|----------------|--------------------------------------|--------------------|-------------|
| Facid:         | 71639                                |                    |             |
| Facname:       | TREATMENT_PLT_HAW RIVER PUMP STATION |                    |             |
| Facility type: | Treatment_plant                      | Activity code:     | A           |
| Treatment obj: | disinfection                         | Treatment process: | chloramines |

|                |                                  |                    |   |
|----------------|----------------------------------|--------------------|---|
| Facid:         | 9648                             |                    |   |
| Facname:       | TREATMENT_PLT_ORANGE/ALAMANCE    |                    |   |
| Facility type: | Treatment_plant                  | Activity code:     | A   |
| Treatment obj: | corrosion control                | Treatment process: | ph adjustment, post inhibitor, orthophosphate |
| Treatment obj: | corrosion control                | Treatment process: | gaseous chlorination, pre                     |
| Treatment obj: | disinfection                     | Treatment process: | gaseous chlorination, post                    |
| Treatment obj: | disinfection                     | Treatment process: | chloramines                                   |
| Treatment obj: | disinfection by-products control | Treatment process: | rapid mix                                     |
| Treatment obj: | disinfection by-products control | Treatment process: | chloramines                                   |
| Treatment obj: | disinfection by-products control | Treatment process: | ph adjustment, post                           |
| Treatment obj: | disinfection by-products control | Treatment process: | ph adjustment, pre                            |
| Treatment obj: | disinfection by-products control | Treatment process: | filtration, rapid sand                        |
| Treatment obj: | disinfection by-products control | Treatment process: | coagulation                                   |
| Treatment obj: | disinfection by-products control | Treatment process: | algae control                                 |
| Treatment obj: | disinfection by-products control | Treatment process: | sedimentation                                 |
| Treatment obj: | inorganics removal               | Treatment process: | rapid mix                                     |
| Treatment obj: | inorganics removal               | Treatment process: | ph adjustment, pre                            |
| Treatment obj: | inorganics removal               | Treatment process: | sludge treatment                              |
| Treatment obj: | inorganics removal               | Treatment process: | sedimentation                                 |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                |                      |                    |                           |
|----------------|----------------------|--------------------|---------------------------|
| Treatment obj: | inorganics removal   | Treatment process: | flocculation              |
| Treatment obj: | inorganics removal   | Treatment process: | filtration, rapid sand    |
| Treatment obj: | inorganics removal   | Treatment process: | coagulation               |
| Treatment obj: | iron removal         | Treatment process: | ph adjustment, pre        |
| Treatment obj: | iron removal         | Treatment process: | filtration, rapid sand    |
| Treatment obj: | iron removal         | Treatment process: | gaseous chlorination, pre |
| Treatment obj: | iron removal         | Treatment process: | permanganate              |
| Treatment obj: | iron removal         | Treatment process: | sedimentation             |
| Treatment obj: | iron removal         | Treatment process: | sludge treatment          |
| Treatment obj: | iron removal         | Treatment process: | ph adjustment             |
| Treatment obj: | manganese removal    | Treatment process: | ph adjustment, pre        |
| Treatment obj: | manganese removal    | Treatment process: | filtration, rapid sand    |
| Treatment obj: | manganese removal    | Treatment process: | gaseous chlorination, pre |
| Treatment obj: | manganese removal    | Treatment process: | permanganate              |
| Treatment obj: | manganese removal    | Treatment process: | sludge treatment          |
| Treatment obj: | organics removal     | Treatment process: | filtration, rapid sand    |
| Treatment obj: | organics removal     | Treatment process: | ph adjustment, pre        |
| Treatment obj: | organics removal     | Treatment process: | sedimentation             |
| Treatment obj: | organics removal     | Treatment process: | permanganate              |
| Treatment obj: | organics removal     | Treatment process: | gaseous chlorination, pre |
| Treatment obj: | organics removal     | Treatment process: | flocculation              |
| Treatment obj: | organics removal     | Treatment process: | coagulation               |
| Treatment obj: | organics removal     | Treatment process: | algae control             |
| Treatment obj: | other                | Treatment process: | fluoridation              |
| Treatment obj: | particulate removal  | Treatment process: | coagulation               |
| Treatment obj: | particulate removal  | Treatment process: | sludge treatment          |
| Treatment obj: | particulate removal  | Treatment process: | filtration, rapid sand    |
| Treatment obj: | particulate removal  | Treatment process: | flocculation              |
| Treatment obj: | particulate removal  | Treatment process: | ph adjustment, pre        |
| Treatment obj: | particulate removal  | Treatment process: | rapid mix                 |
| Treatment obj: | taste / odor control | Treatment process: | permanganate              |
| Treatment obj: | taste / odor control | Treatment process: | gaseous chlorination, pre |
| Treatment obj: | taste / odor control | Treatment process: | algae control             |

|                |                       |                    |               |
|----------------|-----------------------|--------------------|---------------|
| Facid:         | 9649                  |                    |               |
| Facname:       | TREATMENT_PLT_WELL #2 |                    |               |
| Facility type: | Treatment_plant       | Activity code:     | A             |
| Treatment obj: | disinfection          | Treatment process: | chloramines   |
| Treatment obj: | manganese removal     | Treatment process: | sequestration |

|                       |                              |            |              |
|-----------------------|------------------------------|------------|--------------|
| Location Information: |                              |            |              |
| Name:                 | ORANGE-ALAMANCE WATER SYSTEM |            |              |
| Pwstypcd:             | CWS                          | Primsrccd: | SW           |
| Popserved:            | 9000                         |            |              |
| Add1:                 | PO BOX 187                   |            |              |
| Add2:                 | Not Reported                 |            |              |
| City:                 | MEBANE                       | State:     | NC           |
| Zip:                  | 27302                        | Phone:     | 919-563-6212 |
| Cityserv:             | EFLAND                       | Cntyserv:  | Orange       |
| Stateserv:            | NC                           | Zipserv:   | Not Reported |

|                          |                           |               |            |
|--------------------------|---------------------------|---------------|------------|
| Enforcement Information: |                           |               |            |
| Violation id:            | 505                       | Orig cd:      | S          |
| Enf fy:                  | 2005                      | Enf act date: | 06/30/2005 |
| Enf act detail:          | St Public Notif requested | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 505                    | Orig cd:      | S          |
| Enf fy:         | 2006                   | Enf act date: | 09/01/2006 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 505                  | Orig cd:      | S          |
| Enf fy:         | 2005                 | Enf act date: | 06/30/2005 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 400                  | Orig cd:      | S          |
| Enf fy:         | 2000                 | Enf act date: | 02/04/2000 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 400                       | Orig cd:      | S          |
| Enf fy:         | 2000                      | Enf act date: | 02/04/2000 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 400                    | Orig cd:      | S          |
| Enf fy:         | 2000                   | Enf act date: | 07/31/2000 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 300                    | Orig cd:      | S          |
| Enf fy:         | 2000                   | Enf act date: | 07/31/2000 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 299                    | Orig cd:      | S          |
| Enf fy:         | 2000                   | Enf act date: | 07/31/2000 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676429                | Orig cd:      | S          |
| Enf fy:         | 2009                   | Enf act date: | 04/01/2009 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676423                | Orig cd:      | S          |
| Enf fy:         | 2009                   | Enf act date: | 05/22/2009 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676422                | Orig cd:      | S          |
| Enf fy:         | 2010                   | Enf act date: | 09/03/2010 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                            |               |            |
|-----------------|----------------------------|---------------|------------|
| Violation id:   | 2676422                    | Orig cd:      | S          |
| Enf fy:         | 2009                       | Enf act date: | 02/19/2009 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat:  | Formal     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676422                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 07/23/2009 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676422              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 07/23/2009 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676419                | Orig cd:      | S          |
| Enf fy:         | 2009                   | Enf act date: | 05/22/2009 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676418                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 04/03/2009 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676418              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 04/03/2009 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                            |               |            |
|-----------------|----------------------------|---------------|------------|
| Violation id:   | 2676418                    | Orig cd:      | S          |
| Enf fy:         | 2009                       | Enf act date: | 02/19/2009 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676418                | Orig cd:      | S          |
| Enf fy:         | 2010                   | Enf act date: | 09/03/2010 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676418                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 05/22/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676418                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 08/17/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676417                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 08/17/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676417                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 02/19/2009 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676417                | Orig cd:      | S          |
| Enf fy:         | 2010                   | Enf act date: | 09/03/2010 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676417              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 02/19/2009 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                            |               |            |
|-----------------|----------------------------|---------------|------------|
| Violation id:   | 2676417                    | Orig cd:      | S          |
| Enf fy:         | 2009                       | Enf act date: | 02/19/2009 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676415              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676415                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676415                  | Orig cd:      | S          |
| Enf fy:         | 2006                     | Enf act date: | 05/26/2006 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676415                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676414                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676414              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676414                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676414                  | Orig cd:      | S          |
| Enf fy:         | 2006                     | Enf act date: | 05/26/2006 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676413              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676413                  | Orig cd:      | S          |
| Enf fy:         | 2006                     | Enf act date: | 05/26/2006 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676413                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676413                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676412                  | Orig cd:      | S          |
| Enf fy:         | 2006                     | Enf act date: | 05/26/2006 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676412              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676412                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676412                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676411                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676411                  | Orig cd:      | S          |
| Enf fy:         | 2006                     | Enf act date: | 05/26/2006 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676411                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676411              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676410                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676410              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676410                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676409                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676409                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676409              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676408              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676408                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676408                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676407                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

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Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676407                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676407              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676406                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676406                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 11/12/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676406              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 11/12/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676405                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 10/17/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676405              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 10/17/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676405                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/01/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676404                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 11/14/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676404                | Orig cd:      | S          |
| Enf fy:         | 2010                   | Enf act date: | 06/21/2010 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676404                   | Orig cd:      | S          |
| Enf fy:         | 2009                      | Enf act date: | 10/17/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676404              | Orig cd:      | S          |
| Enf fy:         | 2009                 | Enf act date: | 10/17/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676403                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676403                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676403              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676403                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676402              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676402                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676402                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676402                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676401                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676401              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

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Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676401                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676401                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676400              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676400                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676400                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676400                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676399                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676399              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676399                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676399                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676393                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676393                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 05/26/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676393              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676393                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676393                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676392                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676392              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676392                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676392                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 05/26/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676392                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676391                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676391                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676391              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676391                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676391                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 05/26/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676390                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676390                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676390              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676390                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 05/26/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676390                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676389                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676389                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676389                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 09/24/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676389              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 09/24/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676389                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 05/26/2009 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676383              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676383                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676383                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676383                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676382                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676382                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676382                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676382              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676381              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

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Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676381                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676381                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676381                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676380              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676380                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676380                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676380                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676379                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676379                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676379                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676379              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676368              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676368                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676368                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676368                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676367              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676367                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676367                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676367                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676366                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676366                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676366              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676366                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676365              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676365                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676365                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676365                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676364              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676364                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676364                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676364                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676363                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676363                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676363              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676363                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676362                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676362              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676362                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676362                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676361                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676361              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676361                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676361                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676360              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676360                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676360                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676360                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676359                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676359              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676359                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676359                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676358                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676358                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676358                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676358              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676357                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676357                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676357              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676357                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676356                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676356                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676356              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676356                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676355                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676355              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676355                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676355                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676354                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676354                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676354              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676354                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676353              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676353                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676353                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676353                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676352                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676352              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676352                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676352                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676351                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676351              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676351                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676351                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676350                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676350              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676350                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676350                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676349              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676349                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676349                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676349                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676343              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676343                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676343                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676343                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676342                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676342              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676342                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676342                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676341                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676341              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676341                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676341                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676340                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676340              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676340                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676340                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676339                   | Orig cd:      | S          |
| Enf fy:         | 2008                      | Enf act date: | 07/18/2008 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676339              | Orig cd:      | S          |
| Enf fy:         | 2008                 | Enf act date: | 07/18/2008 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676339                  | Orig cd:      | S          |
| Enf fy:         | 2009                     | Enf act date: | 10/22/2008 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat:  | Formal     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676339                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 09/30/2008 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676307                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 12/07/2007 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676307                   | Orig cd:      | S          |
| Enf fy:         | 2007                      | Enf act date: | 03/05/2007 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676307              | Orig cd:      | S          |
| Enf fy:         | 2007                 | Enf act date: | 03/05/2007 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676307                  | Orig cd:      | S          |
| Enf fy:         | 2007                     | Enf act date: | 05/29/2007 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2676207              | Orig cd:      | S          |
| Enf fy:         | 2007                 | Enf act date: | 03/05/2007 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2676207                   | Orig cd:      | S          |
| Enf fy:         | 2007                      | Enf act date: | 03/05/2007 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2676207                  | Orig cd:      | S          |
| Enf fy:         | 2007                     | Enf act date: | 05/29/2007 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2676207                | Orig cd:      | S          |
| Enf fy:         | 2008                   | Enf act date: | 12/07/2007 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2675805                | Orig cd:      | S          |
| Enf fy:         | 2005                   | Enf act date: | 03/14/2005 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2675805              | Orig cd:      | S          |
| Enf fy:         | 2005                 | Enf act date: | 02/21/2005 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2675805                  | Orig cd:      | S          |
| Enf fy:         | 2005                     | Enf act date: | 05/25/2005 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2675805                   | Orig cd:      | S          |
| Enf fy:         | 2005                      | Enf act date: | 01/31/2005 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2675705                | Orig cd:      | S          |
| Enf fy:         | 2005                   | Enf act date: | 03/14/2005 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2675705                   | Orig cd:      | S          |
| Enf fy:         | 2005                      | Enf act date: | 01/31/2005 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2675705              | Orig cd:      | S          |
| Enf fy:         | 2005                 | Enf act date: | 02/21/2005 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 2675705                  | Orig cd:      | S          |
| Enf fy:         | 2005                     | Enf act date: | 05/25/2005 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2675505              | Orig cd:      | S          |
| Enf fy:         | 2005                 | Enf act date: | 08/18/2005 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2675505                   | Orig cd:      | S          |
| Enf fy:         | 2005                      | Enf act date: | 08/01/2005 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2675505                | Orig cd:      | S          |
| Enf fy:         | 2005                   | Enf act date: | 09/22/2005 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 2675405                   | Orig cd:      | S          |
| Enf fy:         | 2005                      | Enf act date: | 08/01/2005 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 2675405              | Orig cd:      | S          |
| Enf fy:         | 2005                 | Enf act date: | 08/18/2005 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Enforcement Information:**

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 2675405                | Orig cd:      | S          |
| Enf fy:         | 2005                   | Enf act date: | 09/22/2005 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

**Violations Information:**

|               |                                |             |              |
|---------------|--------------------------------|-------------|--------------|
| Violation id: | 505                            | Orig cd:    | S            |
| State:        | NC                             | Viol fy:    | 2005         |
| Contamcd:     | 0999                           |             |              |
| Contamnm:     | Chlorine                       |             |              |
| Viol code:    | 27                             |             |              |
| Viol name:    | Monitoring and Reporting (DBP) |             |              |
| Rule code:    | 210                            |             |              |
| Rule name:    | St1 DBP                        |             |              |
| Violmeasur:   | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                   | Cmpbdt:     | 04/01/2005   |
| Cmpedt:       | 06/30/2005                     |             |              |

**Violations Information:**

|               |  |             |              |
|---------------|--|-------------|--------------|
| Violation id: | 2676429                                | Orig cd:    | S            |
| State:        | NC                                     | Viol fy:    | 2009         |
| Contamcd:     | 0600                                   |             |              |
| Contamnm:     | DBP STAGE 2                            |             |              |
| Viol code:    | 35                                     |             |              |
| Viol name:    | Failure Submit IDSE/Subpart V Plan Rpt |             |              |
| Rule code:    | 220                                    |             |              |
| Rule name:    | St2 DBP                                |             |              |
| Violmeasur:   | Not Reported                           | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                           | Cmpbdt:     | 01/02/2009   |
| Cmpedt:       | Not Reported                           |             |              |

**Violations Information:**

|               |                                  |             |              |
|---------------|----------------------------------|-------------|--------------|
| Violation id: | 2676423                          | Orig cd:    | S            |
| State:        | NC                               | Viol fy:    | 2009         |
| Contamcd:     | 7500                             |             |              |
| Contamnm:     | Public Notice                    |             |              |
| Viol code:    | 75                               |             |              |
| Viol name:    | PN Violation for NPDWR Violation |             |              |
| Rule code:    | 410                              |             |              |
| Rule name:    | PN rule                          |             |              |
| Violmeasur:   | Not Reported                     | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                     | Cmpbdt:     | 05/14/2009   |
| Cmpedt:       | Not Reported                     |             |              |

**Violations Information:**

|               |              |             |      |
|---------------|--------------|-------------|------|
| Violation id: | 2676422      | Orig cd:    | S    |
| State:        | NC           | Viol fy:    | 2009 |
| Contamcd:     | 2950         |             |      |
| Contamnm:     | TTHM         |             |      |
| Viol code:    | 02           |             |      |
| Viol name:    | MCL, Average |             |      |
| Rule code:    | 210          |             |      |
| Rule name:    | St1 DBP      |             |      |
| Violmeasur:   | 0.09         | Unitmeasur: | MG/L |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                         |                                  |             |              |
|-------------------------|----------------------------------|-------------|--------------|
| State mcl:              | 0.08                             | Cmpbdt:     | 01/01/2009   |
| Cmpedt:                 | 03/31/2009                       |             |              |
| Violations Information: |                                  |             |              |
| Violation id:           | 2676419                          | Orig cd:    | S            |
| State:                  | NC                               | Viol fy:    | 2009         |
| Contamcd:               | 7500                             |             |              |
| Contamnm:               | Public Notice                    |             |              |
| Viol code:              | 75                               |             |              |
| Viol name:              | PN Violation for NPDWR Violation |             |              |
| Rule code:              | 410                              |             |              |
| Rule name:              | PN rule                          |             |              |
| Violmeasur:             | Not Reported                     | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                     | Cmpbdt:     | 03/22/2009   |
| Cmpedt:                 | Not Reported                     |             |              |
| Violations Information: |                                  |             |              |
| Violation id:           | 2676418                          | Orig cd:    | S            |
| State:                  | NC                               | Viol fy:    | 2008         |
| Contamcd:               | 2950                             |             |              |
| Contamnm:               | TTHM                             |             |              |
| Viol code:              | 02                               |             |              |
| Viol name:              | MCL, Average                     |             |              |
| Rule code:              | 210                              |             |              |
| Rule name:              | St1 DBP                          |             |              |
| Violmeasur:             | 0.09                             | Unitmeasur: | MG/L         |
| State mcl:              | 0.08                             | Cmpbdt:     | 10/01/2008   |
| Cmpedt:                 | 12/31/2008                       |             |              |
| Violations Information: |                                  |             |              |
| Violation id:           | 2676417                          | Orig cd:    | S            |
| State:                  | NC                               | Viol fy:    | 2008         |
| Contamcd:               | 2950                             |             |              |
| Contamnm:               | TTHM                             |             |              |
| Viol code:              | 02                               |             |              |
| Viol name:              | MCL, Average                     |             |              |
| Rule code:              | 210                              |             |              |
| Rule name:              | St1 DBP                          |             |              |
| Violmeasur:             | 0.089                            | Unitmeasur: | MG/L         |
| State mcl:              | 0.08                             | Cmpbdt:     | 07/01/2008   |
| Cmpedt:                 | 09/30/2008                       |             |              |
| Violations Information: |                                  |             |              |
| Violation id:           | 2676415                          | Orig cd:    | S            |
| State:                  | NC                               | Viol fy:    | 2008         |
| Contamcd:               | 4030                             |             |              |
| Contamnm:               | Radium-228                       |             |              |
| Viol code:              | 03                               |             |              |
| Viol name:              | Monitoring, Regular              |             |              |
| Rule code:              | 340                              |             |              |
| Rule name:              | Rads                             |             |              |
| Violmeasur:             | Not Reported                     | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                     | Cmpbdt:     | 04/01/2008   |
| Cmpedt:                 | 06/30/2008                       |             |              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violations Information:

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676414             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2008         |
| Contamcd:     | 4020                |             |              |
| Contamnm:     | Radium-226          |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 04/01/2008   |
| Cmpedt:       | 06/30/2008          |             |              |

Violations Information:

|               |                                 |             |              |
|---------------|---------------------------------|-------------|--------------|
| Violation id: | 2676413                         | Orig cd:    | S            |
| State:        | NC                              | Viol fy:    | 2008         |
| Contamcd:     | 4010                            |             |              |
| Contamnm:     | Combined Radium (-226 and -228) |             |              |
| Viol code:    | 03                              |             |              |
| Viol name:    | Monitoring, Regular             |             |              |
| Rule code:    | 340                             |             |              |
| Rule name:    | Rads                            |             |              |
| Violmeasur:   | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                    | Cmpbdt:     | 04/01/2008   |
| Cmpedt:       | 06/30/2008                      |             |              |

Violations Information:

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676412             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2008         |
| Contamcd:     | 4006                |             |              |
| Contamnm:     | Combined Uranium    |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 04/01/2008   |
| Cmpedt:       | 06/30/2008          |             |              |

Violations Information:

|               |                                |             |              |
|---------------|--------------------------------|-------------|--------------|
| Violation id: | 2676411                        | Orig cd:    | S            |
| State:        | NC                             | Viol fy:    | 2008         |
| Contamcd:     | 4000                           |             |              |
| Contamnm:     | Gross Alpha, Excl. Radon and U |             |              |
| Viol code:    | 03                             |             |              |
| Viol name:    | Monitoring, Regular            |             |              |
| Rule code:    | 340                            |             |              |
| Rule name:    | Rads                           |             |              |
| Violmeasur:   | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                   | Cmpbdt:     | 04/01/2008   |
| Cmpedt:       | 06/30/2008                     |             |              |

Violations Information:

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676410             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2008         |
| Contamcd:     | 4030                |             |              |
| Contamnm:     | Radium-228          |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                         |                                 |             |              |
|-------------------------|---------------------------------|-------------|--------------|
| State mcl:              | Not Reported                    | Cmpbdt:     | 04/01/2008   |
| Cmpedt:                 | 06/30/2008                      |             |              |
| Violations Information: |                                 |             |              |
| Violation id:           | 2676409                         | Orig cd:    | S            |
| State:                  | NC                              | Viol fy:    | 2008         |
| Contamcd:               | 4020                            |             |              |
| Contamnm:               | Radium-226                      |             |              |
| Viol code:              | 03                              |             |              |
| Viol name:              | Monitoring, Regular             |             |              |
| Rule code:              | 340                             |             |              |
| Rule name:              | Rads                            |             |              |
| Violmeasur:             | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                    | Cmpbdt:     | 04/01/2008   |
| Cmpedt:                 | 06/30/2008                      |             |              |
| Violations Information: |                                 |             |              |
| Violation id:           | 2676408                         | Orig cd:    | S            |
| State:                  | NC                              | Viol fy:    | 2008         |
| Contamcd:               | 4010                            |             |              |
| Contamnm:               | Combined Radium (-226 and -228) |             |              |
| Viol code:              | 03                              |             |              |
| Viol name:              | Monitoring, Regular             |             |              |
| Rule code:              | 340                             |             |              |
| Rule name:              | Rads                            |             |              |
| Violmeasur:             | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                    | Cmpbdt:     | 04/01/2008   |
| Cmpedt:                 | 06/30/2008                      |             |              |
| Violations Information: |                                 |             |              |
| Violation id:           | 2676407                         | Orig cd:    | S            |
| State:                  | NC                              | Viol fy:    | 2008         |
| Contamcd:               | 4006                            |             |              |
| Contamnm:               | Combined Uranium                |             |              |
| Viol code:              | 03                              |             |              |
| Viol name:              | Monitoring, Regular             |             |              |
| Rule code:              | 340                             |             |              |
| Rule name:              | Rads                            |             |              |
| Violmeasur:             | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                    | Cmpbdt:     | 04/01/2008   |
| Cmpedt:                 | 06/30/2008                      |             |              |
| Violations Information: |                                 |             |              |
| Violation id:           | 2676406                         | Orig cd:    | S            |
| State:                  | NC                              | Viol fy:    | 2008         |
| Contamcd:               | 4000                            |             |              |
| Contamnm:               | Gross Alpha, Excl. Radon and U  |             |              |
| Viol code:              | 03                              |             |              |
| Viol name:              | Monitoring, Regular             |             |              |
| Rule code:              | 340                             |             |              |
| Rule name:              | Rads                            |             |              |
| Violmeasur:             | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                    | Cmpbdt:     | 04/01/2008   |
| Cmpedt:                 | 06/30/2008                      |             |              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violations Information:

|               |                                |             |              |
|---------------|--------------------------------|-------------|--------------|
| Violation id: | 2676405                        | Orig cd:    | S            |
| State:        | NC                             | Viol fy:    | 2008         |
| Contamcd:     | 0999                           |             |              |
| Contamnm:     | Chlorine                       |             |              |
| Viol code:    | 27                             |             |              |
| Viol name:    | Monitoring and Reporting (DBP) |             |              |
| Rule code:    | 210                            |             |              |
| Rule name:    | St1 DBP                        |             |              |
| Violmeasur:   | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                   | Cmpbdt:     | 04/01/2008   |
| Cmpedt:       | 06/30/2008                     |             |              |

Violations Information:

|               |                                 |             |              |
|---------------|---------------------------------|-------------|--------------|
| Violation id: | 2676404                         | Orig cd:    | S            |
| State:        | NC                              | Viol fy:    | 2008         |
| Contamcd:     | 3100                            |             |              |
| Contamnm:     | Coliform (TCR)                  |             |              |
| Viol code:    | 24                              |             |              |
| Viol name:    | Monitoring, Routine Minor (TCR) |             |              |
| Rule code:    | 110                             |             |              |
| Rule name:    | TCR                             |             |              |
| Violmeasur:   | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                    | Cmpbdt:     | 05/01/2008   |
| Cmpedt:       | 05/31/2008                      |             |              |

Violations Information:

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676403             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2008         |
| Contamcd:     | 4030                |             |              |
| Contamnm:     | Radium-228          |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 01/01/2008   |
| Cmpedt:       | 03/31/2008          |             |              |

Violations Information:

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676402             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2008         |
| Contamcd:     | 4020                |             |              |
| Contamnm:     | Radium-226          |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 01/01/2008   |
| Cmpedt:       | 03/31/2008          |             |              |

Violations Information:

|               |                                 |             |              |
|---------------|---------------------------------|-------------|--------------|
| Violation id: | 2676401                         | Orig cd:    | S            |
| State:        | NC                              | Viol fy:    | 2008         |
| Contamcd:     | 4010                            |             |              |
| Contamnm:     | Combined Radium (-226 and -228) |             |              |
| Viol code:    | 03                              |             |              |
| Viol name:    | Monitoring, Regular             |             |              |
| Rule code:    | 340                             |             |              |
| Rule name:    | Rads                            |             |              |
| Violmeasur:   | Not Reported                    | Unitmeasur: | Not Reported |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                         |                                |             |              |
|-------------------------|--------------------------------|-------------|--------------|
| State mcl:              | Not Reported                   | Cmpbdt:     | 01/01/2008   |
| Cmpedt:                 | 03/31/2008                     |             |              |
| Violations Information: |                                |             |              |
| Violation id:           | 2676400                        | Orig cd:    | S            |
| State:                  | NC                             | Viol fy:    | 2008         |
| Contamcd:               | 4006                           |             |              |
| Contamnm:               | Combined Uranium               |             |              |
| Viol code:              | 03                             |             |              |
| Viol name:              | Monitoring, Regular            |             |              |
| Rule code:              | 340                            |             |              |
| Rule name:              | Rads                           |             |              |
| Violmeasur:             | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                   | Cmpbdt:     | 01/01/2008   |
| Cmpedt:                 | 03/31/2008                     |             |              |
| Violations Information: |                                |             |              |
| Violation id:           | 2676399                        | Orig cd:    | S            |
| State:                  | NC                             | Viol fy:    | 2008         |
| Contamcd:               | 4000                           |             |              |
| Contamnm:               | Gross Alpha, Excl. Radon and U |             |              |
| Viol code:              | 03                             |             |              |
| Viol name:              | Monitoring, Regular            |             |              |
| Rule code:              | 340                            |             |              |
| Rule name:              | Rads                           |             |              |
| Violmeasur:             | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                   | Cmpbdt:     | 01/01/2008   |
| Cmpedt:                 | 03/31/2008                     |             |              |
| Violations Information: |                                |             |              |
| Violation id:           | 2676393                        | Orig cd:    | S            |
| State:                  | NC                             | Viol fy:    | 2008         |
| Contamcd:               | 4030                           |             |              |
| Contamnm:               | Radium-228                     |             |              |
| Viol code:              | 03                             |             |              |
| Viol name:              | Monitoring, Regular            |             |              |
| Rule code:              | 340                            |             |              |
| Rule name:              | Rads                           |             |              |
| Violmeasur:             | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                   | Cmpbdt:     | 01/01/2008   |
| Cmpedt:                 | 03/31/2008                     |             |              |
| Violations Information: |                                |             |              |
| Violation id:           | 2676392                        | Orig cd:    | S            |
| State:                  | NC                             | Viol fy:    | 2008         |
| Contamcd:               | 4020                           |             |              |
| Contamnm:               | Radium-226                     |             |              |
| Viol code:              | 03                             |             |              |
| Viol name:              | Monitoring, Regular            |             |              |
| Rule code:              | 340                            |             |              |
| Rule name:              | Rads                           |             |              |
| Violmeasur:             | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:              | Not Reported                   | Cmpbdt:     | 01/01/2008   |
| Cmpedt:                 | 03/31/2008                     |             |              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Violations Information:**

|               |                                 |             |              |
|---------------|---------------------------------|-------------|--------------|
| Violation id: | 2676391                         | Orig cd:    | S            |
| State:        | NC                              | Viol fy:    | 2008         |
| Contamcd:     | 4010                            |             |              |
| Contamnm:     | Combined Radium (-226 and -228) |             |              |
| Viol code:    | 03                              |             |              |
| Viol name:    | Monitoring, Regular             |             |              |
| Rule code:    | 340                             |             |              |
| Rule name:    | Rads                            |             |              |
| Violmeasur:   | Not Reported                    | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                    | Cmpbdt:     | 01/01/2008   |
| Cmpedt:       | 03/31/2008                      |             |              |

**Violations Information:**

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676390             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2008         |
| Contamcd:     | 4006                |             |              |
| Contamnm:     | Combined Uranium    |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 01/01/2008   |
| Cmpedt:       | 03/31/2008          |             |              |

**Violations Information:**

|               |                                |             |              |
|---------------|--------------------------------|-------------|--------------|
| Violation id: | 2676389                        | Orig cd:    | S            |
| State:        | NC                             | Viol fy:    | 2008         |
| Contamcd:     | 4000                           |             |              |
| Contamnm:     | Gross Alpha, Excl. Radon and U |             |              |
| Viol code:    | 03                             |             |              |
| Viol name:    | Monitoring, Regular            |             |              |
| Rule code:    | 340                            |             |              |
| Rule name:    | Rads                           |             |              |
| Violmeasur:   | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                   | Cmpbdt:     | 01/01/2008   |
| Cmpedt:       | 03/31/2008                     |             |              |

**Violations Information:**

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 2676383             | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2007         |
| Contamcd:     | 4030                |             |              |
| Contamnm:     | Radium-228          |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 340                 |             |              |
| Rule name:    | Rads                |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 01/01/2007   |
| Cmpedt:       | 03/31/2007          |             |              |

PWS ID: NC0368020  
 Date Initiated: Not Reported      Date Deactivated: Not Reported  
 PWS Name: ORANGE-ALAMANCE WATER SYSTEM  
 2101 HWY 70 EAST  
 EFLAND, NC 27243

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: System Owner/Responsible Party  
 MIKE CARSON OR MANAGER NOW  
 PO BOX 187  
 MEBANE, NC 27302

Addressee / Facility: System Owner/Responsible Party  
 ORANGE ALAMANCE WATER SYSTEM  
 PO BX 187  
 MEBANE, NC 27302

|                    |              |                     |              |
|--------------------|--------------|---------------------|--------------|
| Facility Latitude: | 36 5 4.0000  | Facility Longitude: | 79 7 50.0000 |
| Facility Latitude: | 36 8 46.0000 | Facility Longitude: | 79 8 57.0000 |
| City Served:       | MEBANE       |                     |              |
| Treatment Class:   | Treated      | Population:         | 8377         |

Violations information not reported.

**ENFORCEMENT INFORMATION:**

|             |                                  |              |                  |
|-------------|----------------------------------|--------------|------------------|
| Truedate:   | 03/31/2009                       | Pwsid:       | NC0368020        |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM     |              |                  |
| Retpopsrvd: | 9000                             | Pwstypecod:  | C                |
| Void:       | 2675405                          | Contaminant: | TTHM             |
| Viol. Type: | Monitoring and Reporting Stage 1 |              |                  |
| Complperbe: | 4/1/2005 0:00:00                 |              |                  |
| Complperen: | 6/30/2005 0:00:00                | Enfdate:     | 8/1/2005 0:00:00 |
| Enf action: | State Public Notif Requested     |              |                  |
| Violmeasur: | Not Reported                     |              |                  |

|             |                                  |              |                   |
|-------------|----------------------------------|--------------|-------------------|
| Truedate:   | 03/31/2009                       | Pwsid:       | NC0368020         |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM     |              |                   |
| Retpopsrvd: | 9000                             | Pwstypecod:  | C                 |
| Void:       | 2675405                          | Contaminant: | TTHM              |
| Viol. Type: | Monitoring and Reporting Stage 1 |              |                   |
| Complperbe: | 4/1/2005 0:00:00                 |              |                   |
| Complperen: | 6/30/2005 0:00:00                | Enfdate:     | 8/18/2005 0:00:00 |
| Enf action: | State Formal NOV Issued          |              |                   |
| Violmeasur: | Not Reported                     |              |                   |

|             |                                  |              |                   |
|-------------|----------------------------------|--------------|-------------------|
| Truedate:   | 03/31/2009                       | Pwsid:       | NC0368020         |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM     |              |                   |
| Retpopsrvd: | 9000                             | Pwstypecod:  | C                 |
| Void:       | 2675405                          | Contaminant: | TTHM              |
| Viol. Type: | Monitoring and Reporting Stage 1 |              |                   |
| Complperbe: | 4/1/2005 0:00:00                 |              |                   |
| Complperen: | 6/30/2005 0:00:00                | Enfdate:     | 9/22/2005 0:00:00 |
| Enf action: | State Compliance Achieved        |              |                   |
| Violmeasur: | Not Reported                     |              |                   |

|             |                                  |              |                  |
|-------------|----------------------------------|--------------|------------------|
| Truedate:   | 03/31/2009                       | Pwsid:       | NC0368020        |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM     |              |                  |
| Retpopsrvd: | 9000                             | Pwstypecod:  | C                |
| Void:       | 2675505                          | Contaminant: | 2456             |
| Viol. Type: | Monitoring and Reporting Stage 1 |              |                  |
| Complperbe: | 4/1/2005 0:00:00                 |              |                  |
| Complperen: | 6/30/2005 0:00:00                | Enfdate:     | 8/1/2005 0:00:00 |
| Enf action: | State Public Notif Requested     |              |                  |
| Violmeasur: | Not Reported                     |              |                  |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2675505 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2005 0:00:00  
 Complperen: 6/30/2005 0:00:00 Enfdate: 8/18/2005 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2675505 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2005 0:00:00  
 Complperen: 6/30/2005 0:00:00 Enfdate: 9/22/2005 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2675705 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 1/31/2005 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2675705 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 5/25/2005 0:00:00  
 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2675705 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 3/14/2005 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2675705 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 2/21/2005 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioi: 2675805 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 3/14/2005 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioi: 2675805 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 2/21/2005 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioi: 2675805 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 1/31/2005 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioi: 2675805 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2004 0:00:00  
 Complperen: 12/31/2004 0:00:00 Enfdate: 5/25/2005 0:00:00  
 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioi: 2676207 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 3/5/2007 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioi: 2676207 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 12/7/2007 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676207 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 3/5/2007 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676207 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 5/29/2007 0:00:00  
 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676307 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 3/5/2007 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676307 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 12/7/2007 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676307 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 3/5/2007 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676307 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 10/1/2006 0:00:00  
 Complperen: 12/31/2006 0:00:00 Enfdate: 5/29/2007 0:00:00  
 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676339 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676339 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676339 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676340 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676340 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676340 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676341 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676341 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676341 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676342 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676342 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676342 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                              |
|-------------|------------------------------|--------------|------------------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676343                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 7/1/2007 0:00:00             |              |                              |
| Complperen: | 9/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Formal NOV Issued      |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676343                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 7/1/2007 0:00:00             |              |                              |
| Complperen: | 9/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00           |
| Enf action: | State AO (w/penalty) Issued  |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676343                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 7/1/2007 0:00:00             |              |                              |
| Complperen: | 9/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Public Notif Requested |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676349                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 1/1/2007 0:00:00             |              |                              |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00           |
| Enf action: | State AO (w/penalty) Issued  |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676349                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 1/1/2007 0:00:00             |              |                              |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Formal NOV Issued      |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676349                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 1/1/2007 0:00:00             |              |                              |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Public Notif Requested |              |                              |
| Violmeasur: | Not Reported                 |              |                              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                               |
|-------------|------------------------------|--------------|-------------------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Void:       | 2676350                      | Contaminant: | COMBINED URANIUM              |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 1/1/2007 0:00:00             |              |                               |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Formal NOV Issued      |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Void:       | 2676350                      | Contaminant: | COMBINED URANIUM              |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 1/1/2007 0:00:00             |              |                               |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00            |
| Enf action: | State AO (w/penalty) Issued  |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Void:       | 2676350                      | Contaminant: | COMBINED URANIUM              |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 1/1/2007 0:00:00             |              |                               |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Public Notif Requested |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Void:       | 2676351                      | Contaminant: | COMBINED RADIUM (-226 & -228) |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 1/1/2007 0:00:00             |              |                               |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00            |
| Enf action: | State AO (w/penalty) Issued  |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Void:       | 2676351                      | Contaminant: | COMBINED RADIUM (-226 & -228) |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 1/1/2007 0:00:00             |              |                               |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Formal NOV Issued      |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Void:       | 2676351                      | Contaminant: | COMBINED RADIUM (-226 & -228) |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 1/1/2007 0:00:00             |              |                               |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Public Notif Requested |              |                               |
| Violmeasur: | Not Reported                 |              |                               |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676352 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 1/1/2007 0:00:00  
 Complperen: 3/31/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676352 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 1/1/2007 0:00:00  
 Complperen: 3/31/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676352 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 1/1/2007 0:00:00  
 Complperen: 3/31/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676353 Contaminant: RADIUM-228  
 Viol. Type: 3  
 Complperbe: 1/1/2007 0:00:00  
 Complperen: 3/31/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676353 Contaminant: RADIUM-228  
 Viol. Type: 3  
 Complperbe: 1/1/2007 0:00:00  
 Complperen: 3/31/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676353 Contaminant: RADIUM-228  
 Viol. Type: 3  
 Complperbe: 1/1/2007 0:00:00  
 Complperen: 3/31/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676354 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676354 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676354 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676355 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676355 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676355 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676356 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676356 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676356 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676357 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676357 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioid: 2676357 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 4/1/2007 0:00:00  
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                              |
|-------------|------------------------------|--------------|------------------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676358                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 4/1/2007 0:00:00             |              |                              |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00           |
| Enf action: | State AO (w/penalty) Issued  |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676358                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 4/1/2007 0:00:00             |              |                              |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Formal NOV Issued      |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676358                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 4/1/2007 0:00:00             |              |                              |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Public Notif Requested |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676359                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 4/1/2007 0:00:00             |              |                              |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00           |
| Enf action: | State AO (w/penalty) Issued  |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676359                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 4/1/2007 0:00:00             |              |                              |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Formal NOV Issued      |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676359                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 4/1/2007 0:00:00             |              |                              |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Public Notif Requested |              |                              |
| Violmeasur: | Not Reported                 |              |                              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                               |
|-------------|------------------------------|--------------|-------------------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Vioid:      | 2676360                      | Contaminant: | COMBINED URANIUM              |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 4/1/2007 0:00:00             |              |                               |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00            |
| Enf action: | State AO (w/penalty) Issued  |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Vioid:      | 2676360                      | Contaminant: | COMBINED URANIUM              |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 4/1/2007 0:00:00             |              |                               |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Formal NOV Issued      |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Vioid:      | 2676360                      | Contaminant: | COMBINED URANIUM              |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 4/1/2007 0:00:00             |              |                               |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Public Notif Requested |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Vioid:      | 2676361                      | Contaminant: | COMBINED RADIUM (-226 & -228) |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 4/1/2007 0:00:00             |              |                               |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00            |
| Enf action: | State AO (w/penalty) Issued  |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Vioid:      | 2676361                      | Contaminant: | COMBINED RADIUM (-226 & -228) |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 4/1/2007 0:00:00             |              |                               |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Formal NOV Issued      |              |                               |
| Violmeasur: | Not Reported                 |              |                               |
|             |                              |              |                               |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                     |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                               |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                             |
| Vioid:      | 2676361                      | Contaminant: | COMBINED RADIUM (-226 & -228) |
| Viol. Type: | 3                            |              |                               |
| Complperbe: | 4/1/2007 0:00:00             |              |                               |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00             |
| Enf action: | State Public Notif Requested |              |                               |
| Violmeasur: | Not Reported                 |              |                               |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                    |
|-------------|------------------------------|--------------|--------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020          |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                    |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                  |
| Vioid:      | 2676362                      | Contaminant: | RADIUM-226         |
| Viol. Type: | 3                            |              |                    |
| Complperbe: | 4/1/2007 0:00:00             |              |                    |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00  |
| Enf action: | State Public Notif Requested |              |                    |
| Violmeasur: | Not Reported                 |              |                    |
|             |                              |              |                    |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020          |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                    |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                  |
| Vioid:      | 2676362                      | Contaminant: | RADIUM-226         |
| Viol. Type: | 3                            |              |                    |
| Complperbe: | 4/1/2007 0:00:00             |              |                    |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00 |
| Enf action: | State AO (w/penalty) Issued  |              |                    |
| Violmeasur: | Not Reported                 |              |                    |
|             |                              |              |                    |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020          |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                    |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                  |
| Vioid:      | 2676362                      | Contaminant: | RADIUM-226         |
| Viol. Type: | 3                            |              |                    |
| Complperbe: | 4/1/2007 0:00:00             |              |                    |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00  |
| Enf action: | State Formal NOV Issued      |              |                    |
| Violmeasur: | Not Reported                 |              |                    |
|             |                              |              |                    |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020          |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                    |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                  |
| Vioid:      | 2676363                      | Contaminant: | RADIUM-228         |
| Viol. Type: | 3                            |              |                    |
| Complperbe: | 4/1/2007 0:00:00             |              |                    |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00 |
| Enf action: | State AO (w/penalty) Issued  |              |                    |
| Violmeasur: | Not Reported                 |              |                    |
|             |                              |              |                    |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020          |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                    |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                  |
| Vioid:      | 2676363                      | Contaminant: | RADIUM-228         |
| Viol. Type: | 3                            |              |                    |
| Complperbe: | 4/1/2007 0:00:00             |              |                    |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00  |
| Enf action: | State Formal NOV Issued      |              |                    |
| Violmeasur: | Not Reported                 |              |                    |
|             |                              |              |                    |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020          |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                    |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                  |
| Vioid:      | 2676363                      | Contaminant: | RADIUM-228         |
| Viol. Type: | 3                            |              |                    |
| Complperbe: | 4/1/2007 0:00:00             |              |                    |
| Complperen: | 6/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00  |
| Enf action: | State Public Notif Requested |              |                    |
| Violmeasur: | Not Reported                 |              |                    |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676364 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676364 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676364 Contaminant: GROSS ALPHA, EXCL. RADON & U  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676365 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676365 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676365 Contaminant: COMBINED URANIUM  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676366 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676366 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676366 Contaminant: COMBINED RADIUM (-226 & -228)  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676367 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676367 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/22/2008 0:00:00  
 Enf action: State AO (w/penalty) Issued  
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: NC0368020  
 Pwsname: ORANGE-ALAMANCE WATER SYSTEM  
 Retpopsrvd: 9000 Pwstypecod: C  
 Vioiid: 2676367 Contaminant: RADIUM-226  
 Viol. Type: 3  
 Complperbe: 7/1/2007 0:00:00  
 Complperen: 9/30/2007 0:00:00 Enfdate: 7/18/2008 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                              |
|-------------|------------------------------|--------------|------------------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676368                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 7/1/2007 0:00:00             |              |                              |
| Complperen: | 9/30/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00           |
| Enf action: | State AO (w/penalty) Issued  |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676368                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 7/1/2007 0:00:00             |              |                              |
| Complperen: | 9/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Formal NOV Issued      |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676368                      | Contaminant: | RADIUM-228                   |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 7/1/2007 0:00:00             |              |                              |
| Complperen: | 9/30/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Public Notif Requested |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676379                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 1/1/2007 0:00:00             |              |                              |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 10/22/2008 0:00:00           |
| Enf action: | State AO (w/penalty) Issued  |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676379                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 1/1/2007 0:00:00             |              |                              |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Formal NOV Issued      |              |                              |
| Violmeasur: | Not Reported                 |              |                              |
|             |                              |              |                              |
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020                    |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                              |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                            |
| Vioid:      | 2676379                      | Contaminant: | GROSS ALPHA, EXCL. RADON & U |
| Viol. Type: | 3                            |              |                              |
| Complperbe: | 1/1/2007 0:00:00             |              |                              |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00            |
| Enf action: | State Public Notif Requested |              |                              |
| Violmeasur: | Not Reported                 |              |                              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|             |                              |              |                   |
|-------------|------------------------------|--------------|-------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0368020         |
| Pwsname:    | ORANGE-ALAMANCE WATER SYSTEM |              |                   |
| Retpopsrvd: | 9000                         | Pwstypecod:  | C                 |
| Void:       | 2676380                      | Contaminant: | COMBINED URANIUM  |
| Viol. Type: | 3                            |              |                   |
| Complperbe: | 1/1/2007 0:00:00             |              |                   |
| Complperen: | 3/31/2007 0:00:00            | Enfdate:     | 7/18/2008 0:00:00 |
| Enf action: | State Formal NOV Issued      |              |                   |
| Violmeasur: | Not Reported                 |              |                   |

### CONTACT INFORMATION:

|            |                              |             |              |
|------------|------------------------------|-------------|--------------|
| Name:      | ORANGE-ALAMANCE WATER SYSTEM | Population: | 9000         |
| Contact:   | METCALF, FAY                 | Phone:      | Not Reported |
| Address:   | PO BOX 187                   |             |              |
| Address 2: | MEBANE                       |             |              |
|            | NC, 27 919-7                 |             |              |

**2**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**NC WELLS      NC2000000007838**

|             |                              |
|-------------|------------------------------|
| Pwsidentif: | NC0368020                    |
| System nam: | ORANGE-ALAMANCE WATER SYSTEM |
| Pws type:   | C                            |
| County:     | ORANGE                       |
| City:       | EFLAND                       |
| Primary so: | SW                           |
| Water type: | GW                           |
| Facility n: | WELL #4                      |
| Facility a: | S07                          |
| Latitude m: | 36.083404                    |
| Longitude : | -79.134316                   |
| Availavili: | A                            |
| Well depth: | 800                          |
| Well dep 1: | FT                           |
| Owner name: | ORANGE-ALAMANCE WATER SYSTEM |
| Site id:    | NC2000000007838              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

GIS ID: 82012  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50001264

GIS ID: 112400  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50002496

GIS ID: 123229  
Classification by Type: Invertebrate  
Occurrence Status: Extant

NC\_NHEO NC50002623

GIS ID: 43427  
Classification by Type: Animal  
Occurrence Status: Historic, no evidence of destruction

NC\_NHEO NC50002723

GIS ID: 181550  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50003686

GIS ID: 42482  
Classification by Type: Plants  
Occurrence Status: Extant

NC\_NHEO NC50003917

NC\_NHEO NC50005129

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### North Carolina Locations of Natural Heritage Element Occurrence Sites:

GIS ID: 82898  
Classification by Type: Invertebrate  
Occurrence Status: Extant

---

GIS ID: 282136  
Classification by Type: Animal  
Occurrence Status: Historic, no evidence of destruction

**NC\_NHEO NC50006463**

---

GIS ID: 72546  
Classification by Type: Invertebrate  
Occurrence Status: X

**NC\_NHEO NC50007737**

---

GIS ID: 103419  
Classification by Type: Invertebrate  
Occurrence Status: Extant

**NC\_NHEO NC50008089**

---

GIS ID: 31145  
Classification by Type: Plants  
Occurrence Status: Extant

**NC\_NHEO NC50008320**

---

GIS ID: 261129  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

**NC\_NHEO NC50008333**

---

GIS ID: 261128  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

**NC\_NHEO NC50009556**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

GIS ID: 122400  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50010175

GIS ID: 121231  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50010187

GIS ID: 71926  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50010805

GIS ID: 191126  
Classification by Type: Natural Community Occurrence  
Occurrence Status: Extant

NC\_NHEO NC50011316

GIS ID: 21145  
Classification by Type: Plants  
Occurrence Status: Extant

NC\_NHEO NC50012149

GIS ID: 21487  
Classification by Type: Plants  
Occurrence Status: Extant

NC\_NHEO NC50014646

NC\_NHEO NC50018284

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**North Carolina Locations of Natural Heritage Element Occurrence Sites:**

GIS ID: 12809  
 Classification by Type: Plants  
 Occurrence Status: Historic, no evidence of destruction

---

**NC\_NHEO      NC50018360**

GIS ID: 283160  
 Classification by Type: Invertebrate  
 Occurrence Status: Extant

---

**NC\_NHEO      NC50022222**

GIS ID: 283160  
 Classification by Type: Invertebrate  
 Occurrence Status: Extant

---

**NC\_SNHA      NC10000245**

Site Name: OCCONEECHEE MOUNTAIN  
 Quality: Not Reported  
 Acres per Polygon: 166.36

---

**NC\_SNHA      NC10001904**

Site Name: SEVENMILE CREEK SUGAR MAPLE BOTTOM  
 Quality: Not Reported  
 Acres per Polygon: 93.07

---

**NC\_SNHA      NC10002248**

Site Name: ENO RIVER DUKE FOREST MESIC SLOPES  
 Quality: Not Reported  
 Acres per Polygon: 82.51

---

**NC\_SNHA      NC10002249**

Site Name: ENO RIVER DUKE FOREST MESIC SLOPES  
 Quality: Not Reported  
 Acres per Polygon: 32.93

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

---

Site Name:  
Quality:  
Acres per Polygon:

ENO RIVER AQUATIC HABITAT  
Not Reported  
205.65

NC\_SNHA NC10003334

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: NC Radon

### Radon Test Results

| Num Results | Avg pCi/L | Min pCi/L | Max pCi/L |
|-------------|-----------|-----------|-----------|
| 14          | 1.65      | 0.3       | 4.6       |
| 3           | 4.40      | 0.7       | 7.7       |

Federal EPA Radon Zone for ORANGE 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 ORANGE COUNTY, NC

Number of sites tested: 7

| Area                    | Average Activity | % <4 pCi/L   | % 4-20 pCi/L | % >20 pCi/L  |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | 1.157 pCi/L      | 100%         | 0%           | 0%           |
| Living Area - 2nd Floor | Not Reported     | Not Reported | Not Reported | Not Reported |
| Basement                | 0.800 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.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> 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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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.

## 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

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

### STREET AND ADDRESS INFORMATION

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# **Appendix IV: Historical Research Documentation**



Boundaries are approximate



**AERIAL - 1938**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



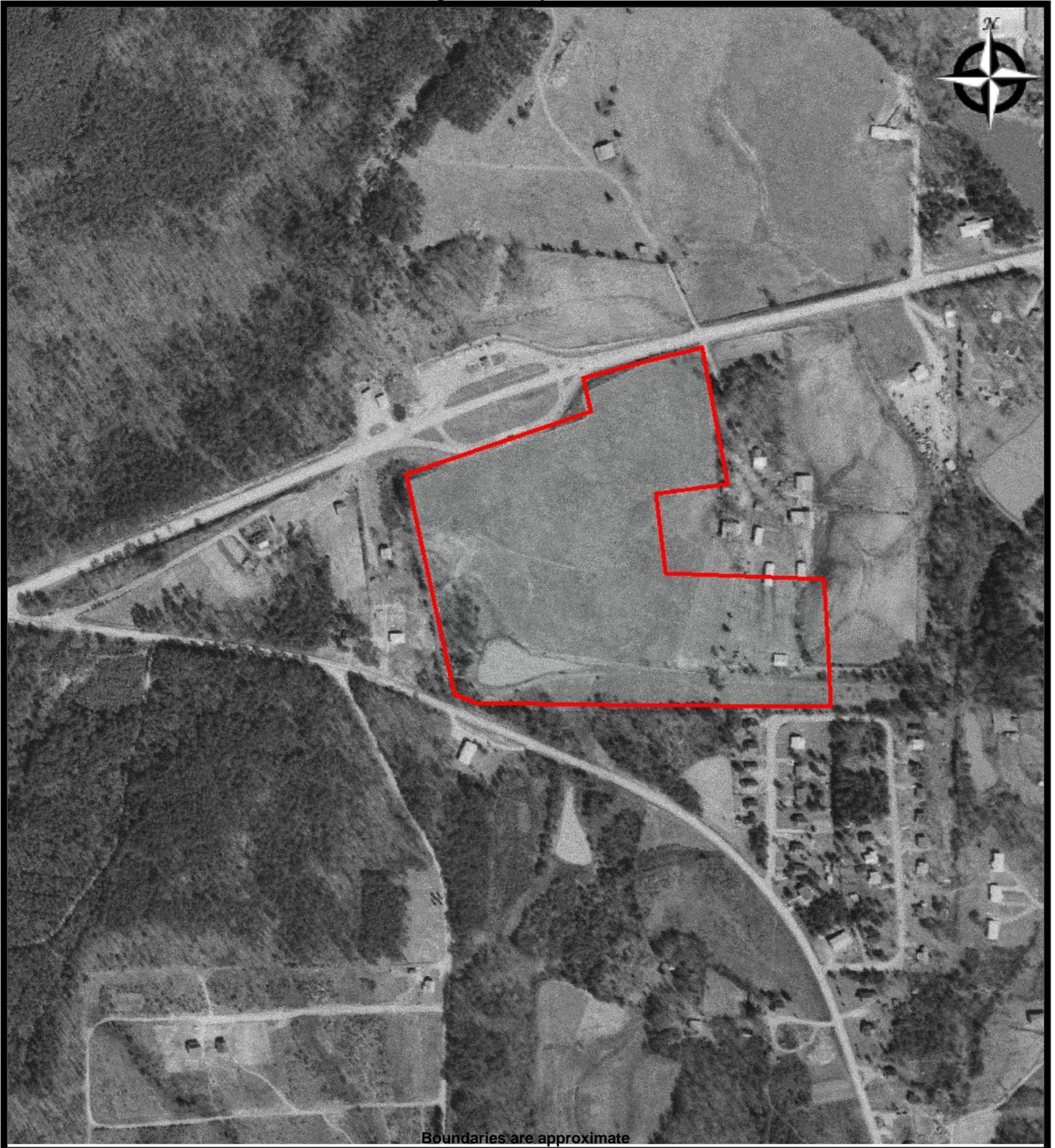
**AERIAL - 1950**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



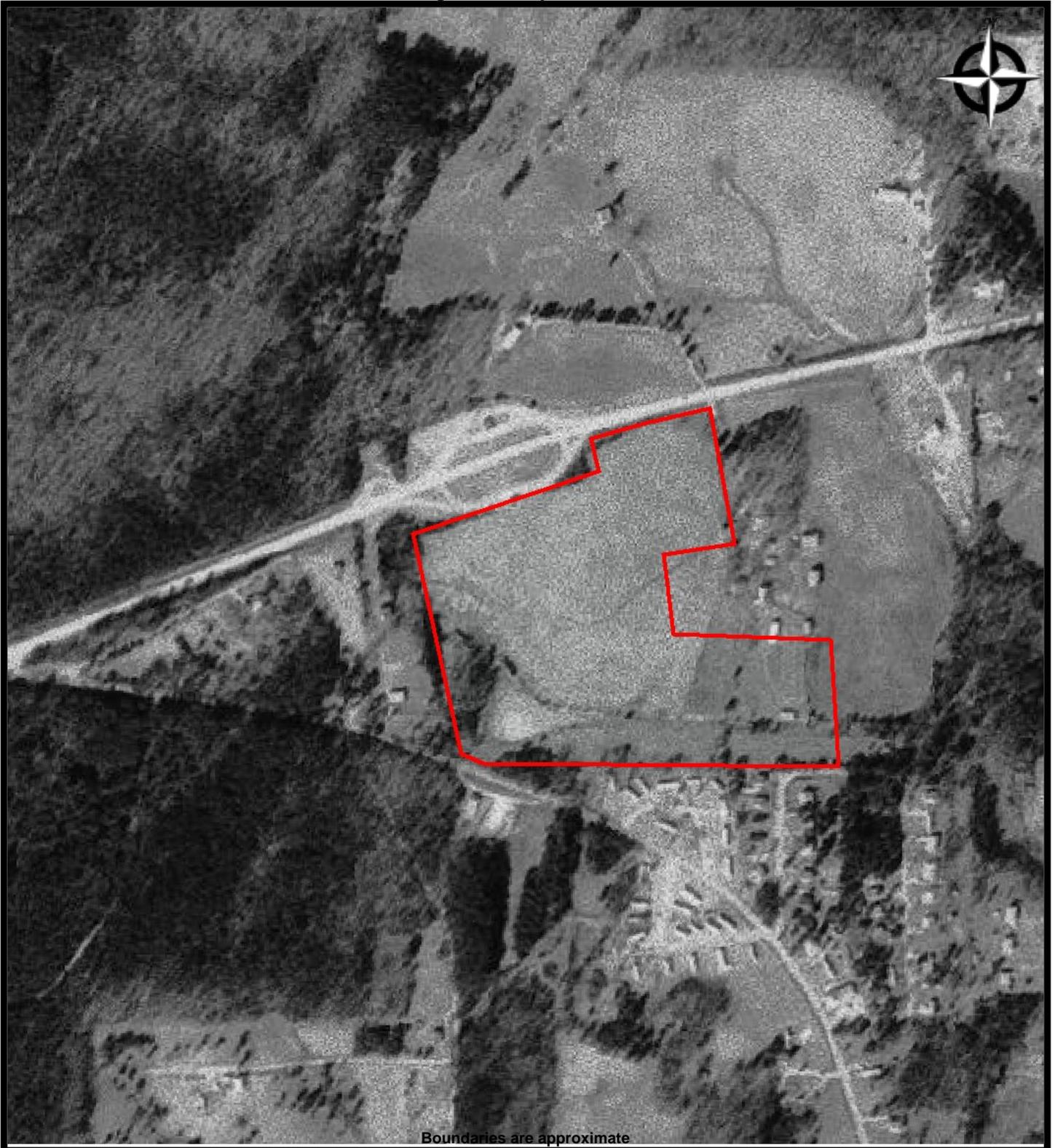
**AERIAL - 1955**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 1964**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



**AERIAL - 1973**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 1982**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



**AERIAL - 1993**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 1999**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



**AERIAL - 2005**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 2006**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 2008**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



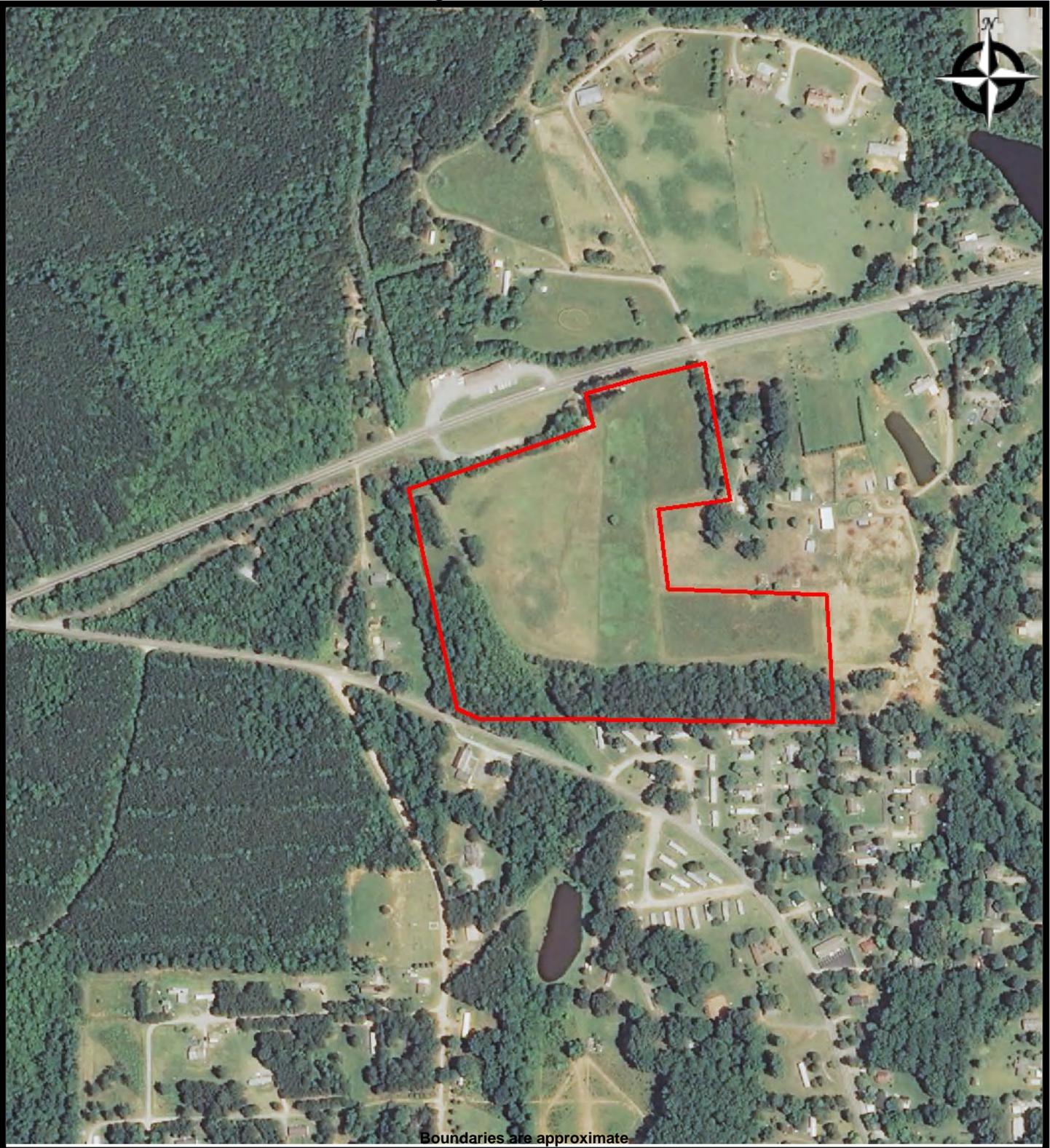
**AERIAL - 2009**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 2010**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 2012**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



**AERIAL - 1975**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**



Boundaries are approximate



**AERIAL - 2014**  
**DMV Properties**  
**524 W Hill Ave N, 520 Orange Heights and 1010 US 70 W**  
**Hillsborough, North Carolina**  
**49-5903**

DMV Properties

524 West Hill Avenue North

Hillsborough, NC 27278

Inquiry Number: 5147343.3

December 29, 2017

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

12/29/17

**Site Name:**

DMV Properties  
524 West Hill Avenue North  
Hillsborough, NC 27278  
EDR Inquiry # 5147343.3

**Client Name:**

ECS Carolinas, LLP  
9001 Glenwood Avenue  
Raleigh, NC 27617  
Contact: Shannon Zirpolo



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

### Certified Sanborn Results:

**Certification #** 411F-473A-8D23  
**PO #** 49-5903  
**Project** DMV Properties

### UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 411F-473A-8D23

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

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

*The Sanborn Library LLC Since 1866™*

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# Orange County

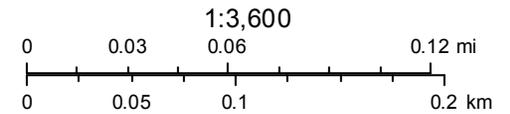


December 29, 2017 this map contains parcels prepared for the inventory of real property within Orange County, and is compiled from recorded deed, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The county and its mapping companies assume no legal responsibility for the information on this map.

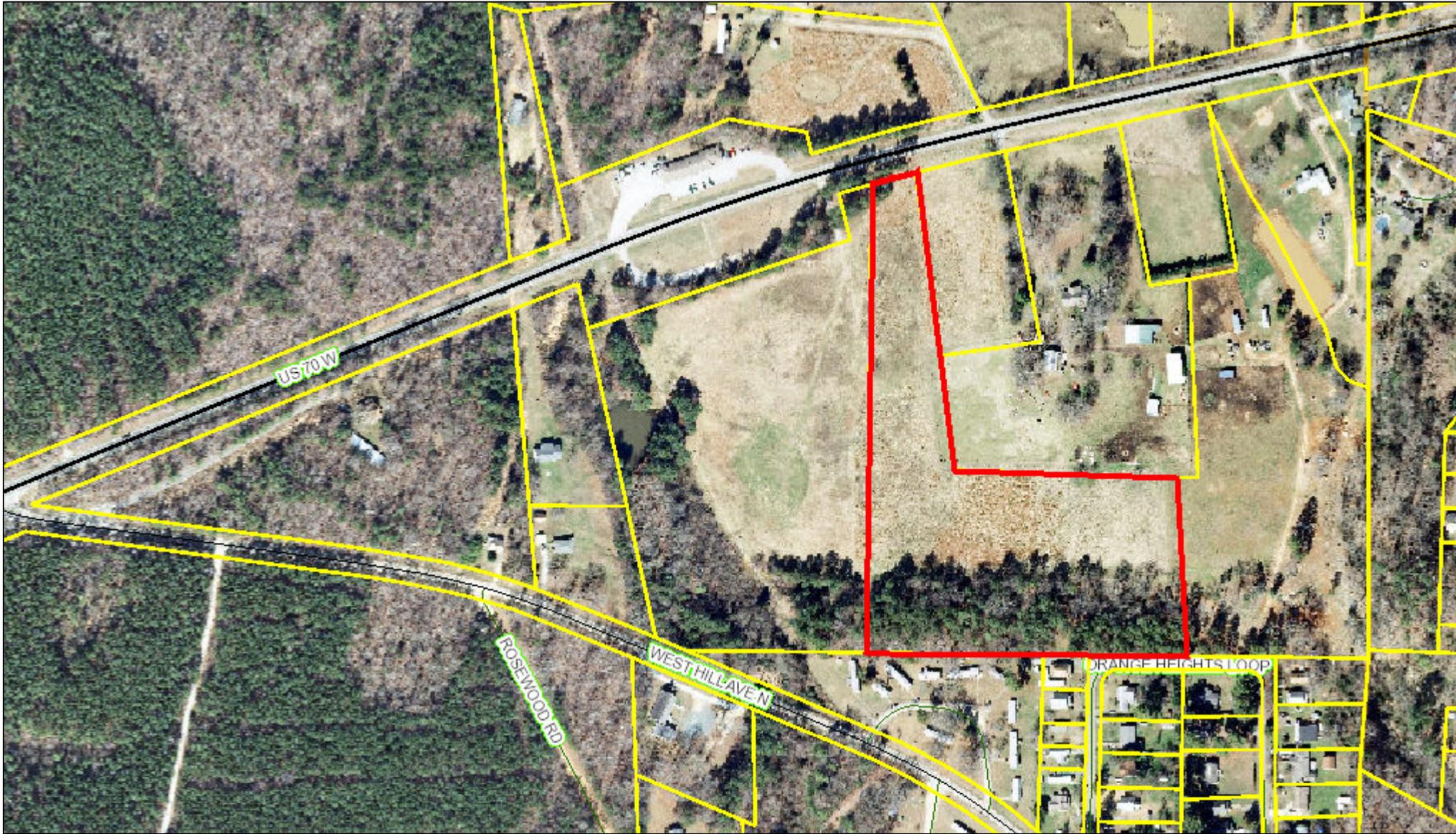
**PIN: 9864392344**  
 OWNER 1: COPELAND MARY HALL  
 OWNER 2:  
 ADDRESS 1: 1221 BUCKHORN RD  
 ADDRESS 2:  
 CITY: MEBANE  
 STATE, ZIP: NC 27302  
 LEGAL DESC: #1 LEROY HALL EST P94/68

SIZE: 10.4 A  
 DEED REF: 3446/29  
 RATECODE: 00  
 TOWNSHIP: HILLSBOROUGH  
 BLDG SQFT:  
 YEAR BUILT:

BUILDING COUNT:  
 LAND VALUE: \$78,100  
 BLDG\_VALUE: \$  
 USE\_VALUE: \$  
 TOTAL VALUE: \$78,100  
 DATE SOLD: 05/25/2004  
 TAX STAMPS:



# Orange County



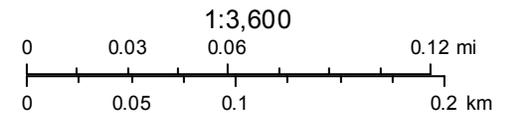
December 29, 2017 this map contains parcels prepared for the inventory of real property within Orange County, and is compiled from recorded deed, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map.

The county and its mapping companies assume no legal responsibility for the information on this map.

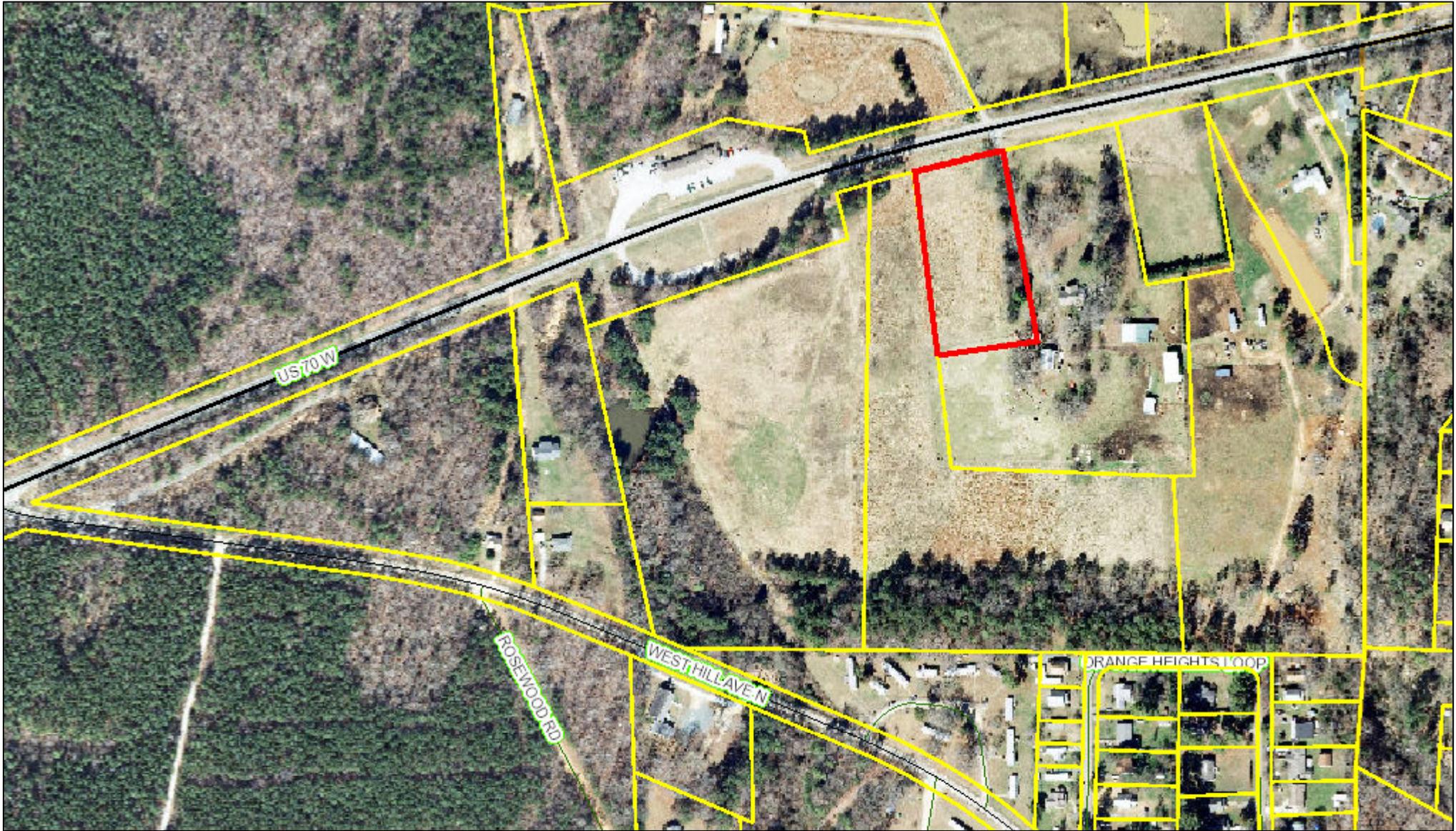
**PIN: 9864398253**  
 OWNER 1: TILLEY WAYNE W  
 OWNER 2: TILLEY BETSY H  
 ADDRESS 1: 2944 GOVERNORS CT  
 ADDRESS 2:  
 CITY: Mebane  
 STATE, ZIP: NC 27302  
 LEGAL DESC: 2 LEROY HALL ESTATE P94/68

SIZE: 8.9 A  
 DEED REF: 5244/78  
 RATECODE: 00  
 TOWNSHIP: HILLSBOROUGH  
 BLDG SQFT:  
 YEAR BUILT:

BUILDING COUNT:  
 LAND VALUE: \$72,000  
 BLDG\_VALUE: \$0  
 USE\_VALUE: \$0  
 TOTAL VALUE: \$72,000  
 DATE SOLD: 10/26/2011  
 TAX STAMPS:



# Orange County

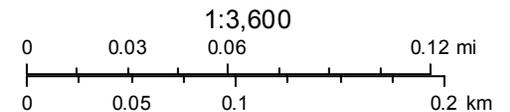


December 29, 2017 this map contains parcels prepared for the inventory of real property within Orange County, and is compiled from recorded deed, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The county and its mapping companies assume no legal responsibility for the information on this map.

**PIN: 9864397758**  
 OWNER 1: TILLEY WAYNE W  
 OWNER 2: TILLEY BETSY H  
 ADDRESS 1: 605 ORANGE HIGH SCHOOL RD  
 ADDRESS 2:  
 CITY: HILLSBOROUGH  
 STATE, ZIP: NC 27278  
 LEGAL DESC: #4A LEROY HALL EST P94/68

SIZE: 2 A  
 DEED REF: 4638/201  
 RATECODE: 00  
 TOWNSHIP: HILLSBOROUGH  
 BLDG SQFT:  
 YEAR BUILT:

BUILDING COUNT:  
 LAND VALUE: \$36,400  
 BLDG\_VALUE: \$0  
 USE\_VALUE: \$0  
 TOTAL VALUE: \$36,400  
 DATE SOLD: 12/18/2008  
 TAX STAMPS: 80





20040526000134480 ORDER  
Bk:RB3446 Pg:29  
05/26/2004 11:55:21AM 1/6

FILED

2004 MAY -5 AM 11:49

ORANGE COUNTY, O.S.C.

BY: *[Signature]*

FILED Joyce H. Pearson  
Register of Deeds Orange COUNTY, NC  
BY:

Deputy *Linda Cherkov*

RETURN TO: COLEMAN GLEDHILL HARGRAVE & PEEK

STATE OF NORTH CAROLINA

IN THE GENERAL COURT OF JUSTICE

SUPERIOR COURT DIVISION

BEFORE THE CLERK

FILE NO. 98 SP 263

ORANGE COUNTY

DOROTHY HALL HOLLOWAY, et al, )

Petitioners, )

v. )

JEAN A. HALL, et al, )

Respondents. )

ORDER OF CONFIRMATION  
OF COMMISSIONERS' SECOND  
REVISED FINAL REPORT  
DATED AUGUST 14, 2003

THIS MATTER came on for hearing upon the Commissioners' Second Revised Final Report heretofore appointed by the Court to partition the lands described in the Petition dated November 30<sup>th</sup>, 1998, and to allot to each of the tenants in common a share thereof in severalty;

*4864-39-2344 4864-39-8253 4864-49-0515  
4864-39-7758 4864-49-1991 4864-49-4322*

1. That pursuant to N.C. Gen. Stat. §46-7, this Court in its Order dated September 18, 2000, appointed Ernest B. Wood, Jr., Paul Kempa, and James T. Bryan, III as Commissioners to divide the subject property into six lots.

2. That pursuant to N.C. Gen. Stat. §46-8, the Commissioners were sworn under oath on September 25, 2000 to do justice among the tenants in common with respect to the partition.

3. That pursuant to N.C. Gen. Stat. §46-10, the Commissioners met on the subject property and made their partition findings following inspection of the land, buildings, and relevant documents and maps.

4. That pursuant to N.C. Gen. Stat. §46-17, the Commissioners completed and filed the initial Commissioners' Report on October 26, 2001, detailing their findings following their inspection of the subject property.

5. That on November 5, 2001, Betsy Hall Tilley and Wayne Tilley filed a timely Exception to the Commissioners' Report.

6. That the Commissioners filed an Amended Commissioners' Report on February 20, 2002.

7. That on February 27, 2002, Betsy Hall Tilley and Wayne Tilley filed a timely Exception to the Commissioners' Amended Report.

8. That on March 1, 2002, Jean A. Hall filed a timely Exception to the Commissioners' Amended Report.

9. That pursuant to N.C. Gen. Stat. §46-19, a Hearing on the Exceptions to the Amended Commissioners' Report dated February 27, 2002 and March 1, 2002, was held on March 26, 2002, and at that Hearing all answered parties agreed to submit to mediation.

10. That on April 16, 2002, mediation was held before licensed mediator LeAnn Nease Brown, Esquire, following which a Mediated Settlement Agreement was entered into.

11. That the Commissioners filed the Commissioners' Revised Final Report of their partition and allotment of the subject property on July 22, 2002, following the mediation held on April 16, 2002.

12. That on August 1, 2002, Betsy Hall Tilley and Wayne

Tilley filed a timely Exception to the Commissioners' Amended Report.

13. That on July 31, 2002, Jean A. Hall filed a timely Exception to Commissioners' Report.

14. That following said Exceptions to the Commissioners' Revised Final Report, a Hearing was held on September 9, 2002.

15. That a Consent Agreement dated September 9, 2002 was signed by Jean H. Hall, Betsy Hall Tilley and Wayne Tilley, Dorothy Hall Holloway and Bill Holloway, Mary Hall Copeland and Ed Copeland, and David Linden Hall, Sr., all parties who have answered in this proceeding and who attended the Mediated Settlement Conference on April 16, 2002, changing the division of land, among said answering defendants, specifically modifying Lot 4 and Lot 3, as reported by the Commissioners.

16. That at said September 9, 2002 Hearing, the Clerk ordered orally in open court that Surveyor Alois Callemyn, RLS, survey the division of lands as reported by the Commissioners and prepare a plat of the same for filing with the Court and as an accommodation to the parties, ordered that the survey by Alois Callemyn also show the consent agreement to change the division of land between Lot 4 and Lot 3 as agreed to in the Mediated Settlement Agreement.

17. That on June 23, 2003, a Report of Completion of Survey was filed with the Clerk of Court showing the final lot lines as modified by consent agreement of the answering parties, but, said survey filed on June 23, 2003 failed to show the original lot lines as reported by the Commissioners' Revised Final Report dated July 22, 2002.

18. That the Commissioners have filed a second Commissioners' Revised Final Report entitled Commissioners' Second Revised Final Report dated August 14, 2003, together with

a plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition, revised July 17, 2003."

19. Said Report was served initially on August 14, 2003 then re-served on August 29, 2003 with copies of the plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition, revised July 17, 2003" attached.

20. That the Commissioners' Second Revised Final Report has been filed for ten days and no exceptions have been filed against said Report.

21. That pursuant to N.C. Gen. Stat. §46-17 and §46-19, the Commissioners' Second Revised Final Report has been reviewed by the Court and is full and ample and is confirmed.

WHEREFORE, IT IS ORDERED:

1. That the Commissioners Second Revised Final Report and attached plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition, revised July 17, 2003" be and the same is hereby confirmed;

2. That the division and allotted shares of the subject property to the parties named herein as contained in said Commissioners' Second Revised Final Report dated August 14, 2003 is as follows:

a. To Mary Hall Copeland:

All of Lot 1 containing 10.40 acres as shown on plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition" revised July 17, 2003, by surveyor Alois Callemyn, RLS, subject to the interest of Lot 2 in the joint driveway as shown on said plat.

- b. To Betsy Hall Tilley:  
All of Lot 2 containing 8.90 acres as shown on plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition" revised July 17, 2003, by surveyor Alois Callemyn, RLS, subject to the interest of Lot 1 in the joint driveway as shown on said plat.
- c. To Dorothy Hall Holloway:  
All of Lot 3 containing 6.79 acres as shown on plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition" revised July 17, 2003, by surveyor Alois Callemyn, RLS.
- d. To Jean A. Hall:  
All of Lot 4 containing 1.61 acres as shown on plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition" revised July 17, 2003, by surveyor Alois Callemyn, RLS.
- e. To the below named individuals in equal shares as tenants in common, being all of the heirs of Leroy Hall, namely:

Stephanie Hall  
Leroy Bud Hall, III  
Christine H. Allen  
Dorothy Hicks  
Stephanie H. Shapiro  
Gracie H. Speer

All of Lot 5 containing 1.61 acres as shown on plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy

Hall Estate Partition" revised July 17, 2003, by surveyor Alois Callemyn, RLS.

f. To David Linden Hall, Sr.:

All of Lot 6 containing 7.79 acres which will be merged with the existing David Hall Property as shown on plat of survey entitled "Property Surveyed for Clerk of Court, Orange County, N.C., Case No. 98-SP-263; Leroy Hall Estate Partition" revised July 17, 2003, by surveyor Alois Callemyn, RLS.

3. That the "Commissioners Second Revised Final Report" dated August 14, 2003 filed August 14, 2003, and that the attached map entitled "Property Surveyed for Clerk of Court, Orange County, North Carolina, Case No. 98-SP-263; Leroy Hall Estate Partition, Revised July 17, 2003" attached hereto as Exhibit A, together with this decree of confirmation, be enrolled in this office and certified to the Register of Deeds of Orange County, North Carolina, and duly registered in her office, and shall be binding among and between the claimants, their heirs and assigns;

4. That the Court awards and allocates costs including attorney's fees as contained in that separate Order of the Court of even date herewith entitled "Order Awarding Costs".

ENTERED this 1st day of April, 2004.

SIGNED this 5<sup>th</sup> day of May, 2004.



  
\_\_\_\_\_  
THE HONORABLE JAMES STANFORD,  
Orange County Clerk of  
Superior

AP



34  
MA

20111026000220490 DEED  
Bk: RBS244 Pg: 78  
10/26/2011 04:00:47 PM 1/2

FILED Deborah B. Brooks  
Register of Deeds, Orange Co., NC  
Recording Fee: \$26.00  
NC Real Estate TX: \$.00

GENERAL WARRANTY DEED

Prepared by: D. MICHAEL PARKER  
Return to: Grantee: 2944 Governor's Court, Mebane, NC 27302  
No Revenue Stamps

NORTH CAROLINA  
ORANGE COUNTY

THIS DEED, made and entered into this the 25<sup>th</sup> day of October, 2011, by and between, BETSY H. TILLEY and husband, WAYNE W. TILLEY, Parties of the First Part, hereinafter referred to as GRANTORS, and WAYNE W. TILLEY and wife, BETSY H. TILLEY, 2944 Governor's Court, Mebane, NC 27302, Parties of the Second Part, hereinafter referred to as GRANTEES;

WITNESSETH:

That the said Grantors, for and in consideration of the sum of TEN DOLLARS (\$10.00) to them in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, have and by these presents do grant, bargain, sell and convey unto the Grantee in fee simple all that certain tract or parcel of land located in Hillsborough Township, Orange County, North Carolina and being more particularly described as follows:

PIN # 9864-39-8253 APC

BEING designated as Lot #2, containing 8.9 acres as shown on plat of survey entitled "LEROY HALL ESTATE PARTITION" by Alois Callemyn dated October 17, 2002 and recorded in Plat Book 94, Page 68 of the Orange County Registry and to which plat reference is hereby made for a more particular description of the same. See the Commissioners' Second Revised Final Report recorded in Deed Book 3446, page 26 of the Orange County Registry.



This deed is being executed to vest ownership in the Grantees as tenants by the entirety in the above parcel of land.

TO HAVE AND TO HOLD the aforesaid tract or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantors covenant with the Grantee that the Grantors are seized of the premises in fee simple, have the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that the Grantors will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions, if any, set forth above.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands and seals, the day and year first above written.

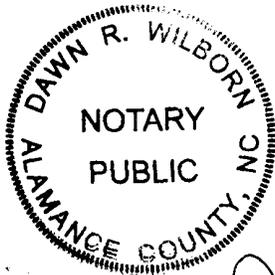
Wayne W. Tilley (SEAL)  
WAYNE W. TILLEY

Betsy H. Tilley (SEAL)  
BETSY H. TILLEY

STATE OF NORTH CAROLINA  
COUNTY OF ORANGE

I, Dawn R. Wilborn, Notary Public of the aforesaid County and State, do hereby certify that BETSY H. TILLEY and husband, WAYNE W. TILLEY, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and seal, this the 25th day of October 2011.



Dawn R. Wilborn  
NOTARY PUBLIC

Dawn R. Wilborn  
PRINT OR TYPE NAME OF NOTARY

My commission expires: July 31, 2014

mm

16  
TM



FILED Joyce H. Pearson  
Register of Deeds, Orange Co., NC  
Recording Fee: \$17.00  
NC Real Estate TX: \$80.00

DB

20081218000285330 DEED  
Bk: RB4638 Pg: 201  
12/18/2008 01:06:33 PM 1/2

Prepared by: D. MICHAEL PARKER  
Return to: Grantee: 605 Orange High School Rd Hillsborough NC 27278  
NORTH CAROLINA  
ORANGE COUNTY  
REVENUE STAMPS \$ 80.00

GENERAL WARRANTY DEED

THIS DEED, made and entered into *JAT* *JAT*  
December 5, 2008, by and between, JEAN A. HALL, WIDOW, Party of the  
First Part, hereinafter referred to as GRANTOR, and WAYNE W. TILLEY  
AND WIFE, BETSY H. TILLEY, Parties of the Second Part, hereinafter  
referred to as GRANTEES,

W I T N E S S E T H:

That the said Grantors, for and in consideration of the  
sum of TEN DOLLARS (\$10.00) to them in hand paid and other good and  
valuable considerations, the receipt of which is hereby acknowledged,  
have and by these presents do grant, bargain, sell and convey unto  
the Grantees in fee simple all that certain tract or parcel of land  
located in Hillsborough Township, Orange County, North Carolina and  
being more particularly described as follows:

*mb*  
PIN# 9864-39-7758 (TM 4.32.B.13C)  
BEING all of Lot 4A and containing 2.0 acres more or less as per plat  
of survey entitled "LEROY HALL ESTATE PARTITION" recorded in plat  
book 94, page 68 of the Orange County Registry to which plat reference  
is hereby made for a more particular description of the same.



TO HAVE AND TO HOLD the aforesaid tract or parcel of land and all privileges and appurtenances thereto belonging to the Grantees in fee simple.

And the Grantors covenant with the Grantees that the Grantors are seized of the premises in fee simple, have the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that the Grantors will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions, if any, set forth above.

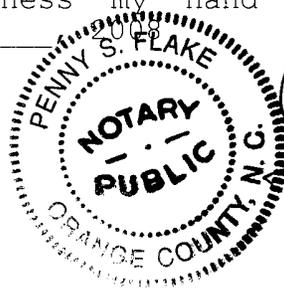
IN WITNESS WHEREOF, the Grantor have hereunto set their hands and seals, the day and year first above written.

Jean H. Hall (SEAL)  
JEAN A. HALL. WIDOW

\*\*\*\*\*  
STATE OF NORTH CAROLINA  
COUNTY OF ORANGE

I, Penny S. Flake, Notary Public of the aforesaid County and State, do hereby certify that JEAN A. HALL, WIDOW, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and seal, this the 18th day of December



Penny S. Flake  
NOTARY PUBLIC  
Penny S. Flake  
PRINT OR TYPE NAME OF NOTARY

My commission expires: 4/29/2010  
WORD/RE/HALL JEAN.GWD

DMV Properties

524 West Hill Avenue North

Hillsborough, NC 27278

Inquiry Number: 5147343.4

December 29, 2017

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

12/29/17

**Site Name:**

DMV Properties  
524 West Hill Avenue North  
Hillsborough, NC 27278  
EDR Inquiry # 5147343.4

**Client Name:**

ECS Carolinas, LLP  
9001 Glenwood Avenue  
Raleigh, NC 27617  
Contact: Shannon Zirpolo



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ECS Carolinas, LLP were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:**

**Coordinates:**

|                 |                |                      |                             |
|-----------------|----------------|----------------------|-----------------------------|
| <b>P.O.#</b>    | 49-5903        | <b>Latitude:</b>     | 36.083605 36° 5' 1" North   |
| <b>Project:</b> | DMV Properties | <b>Longitude:</b>    | -79.124329 -79° 7' 28" West |
|                 |                | <b>UTM Zone:</b>     | Zone 17 North               |
|                 |                | <b>UTM X Meters:</b> | 668880.48                   |
|                 |                | <b>UTM Y Meters:</b> | 3994849.94                  |
|                 |                | <b>Elevation:</b>    | 624.15' above sea level     |

**Maps Provided:**

2013  
2002  
1999  
1994  
1981  
1968

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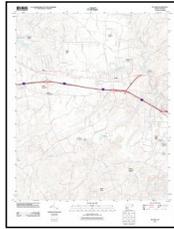
## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2013 Source Sheets



Hillsborough  
2013  
7.5-minute, 24000



Efland  
2013  
7.5-minute, 24000

### 2002 Source Sheets



Efland  
2002  
7.5-minute, 24000  
Aerial Photo Revised 1991

### 1999 Source Sheets

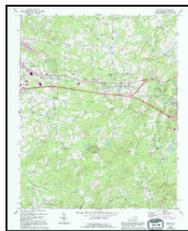


Hillsborough  
1999  
7.5-minute, 24000  
Aerial Photo Revised 1991

### 1994 Source Sheets



Hillsborough  
1994  
7.5-minute, 24000  
Aerial Photo Revised 1991



Efland  
1994  
7.5-minute, 24000  
Aerial Photo Revised 1991

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1981 Source Sheets**

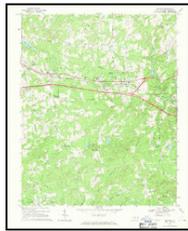


Hillsborough  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1980

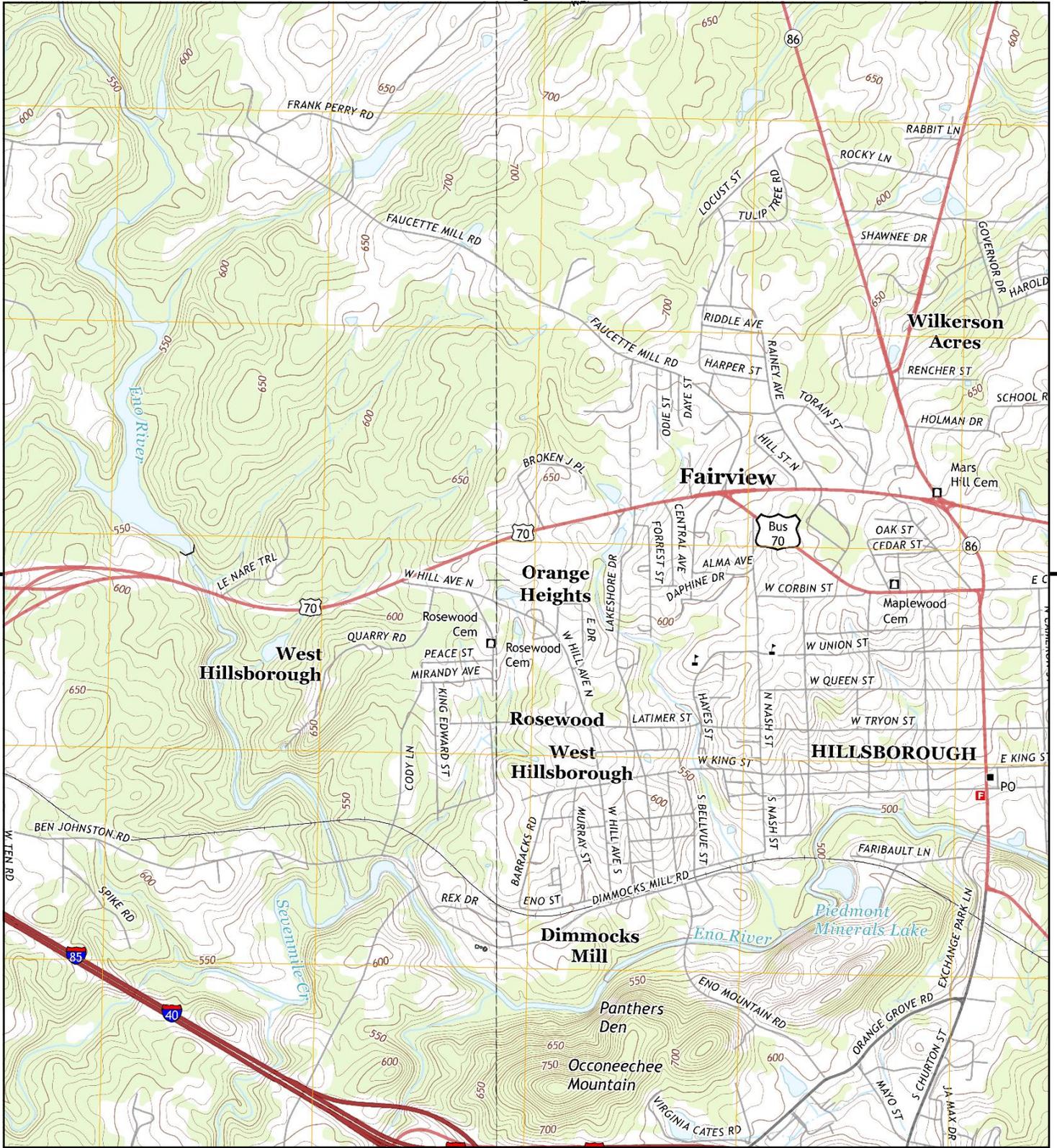
### **1968 Source Sheets**



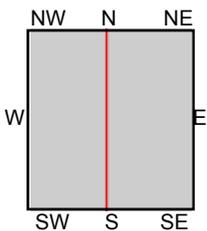
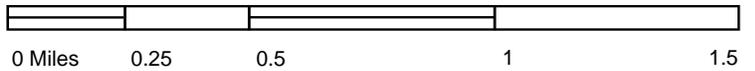
Hillsborough  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1964



Efland  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1964



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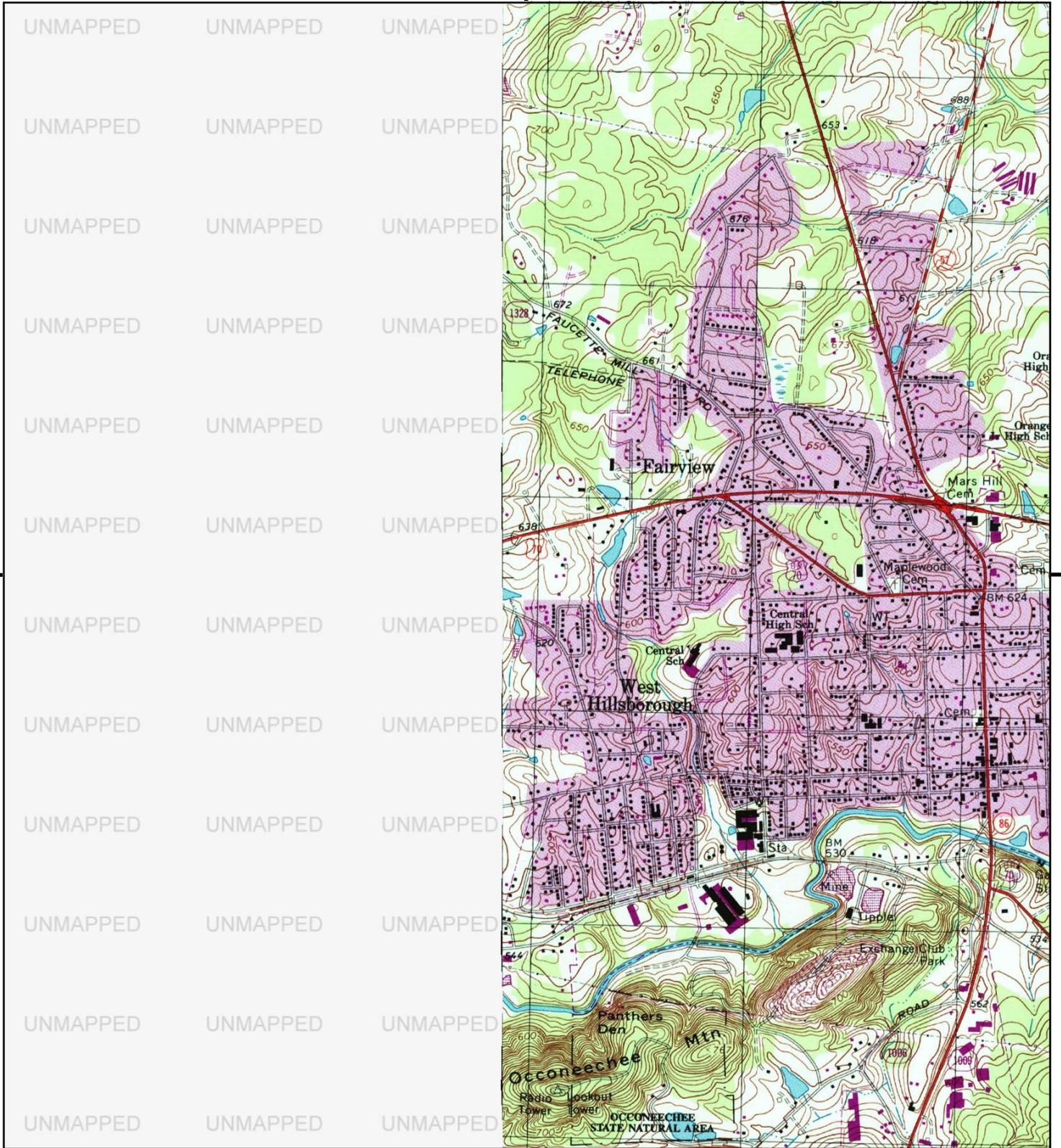


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 W, Efland, 2013, 7.5-minute

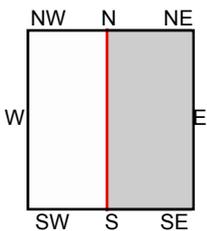
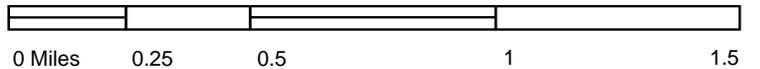
**SITE NAME:** DMV Properties  
**ADDRESS:** 524 West Hill Avenue North  
 Hillsborough, NC 27278  
**CLIENT:** ECS Carolinas, LLP







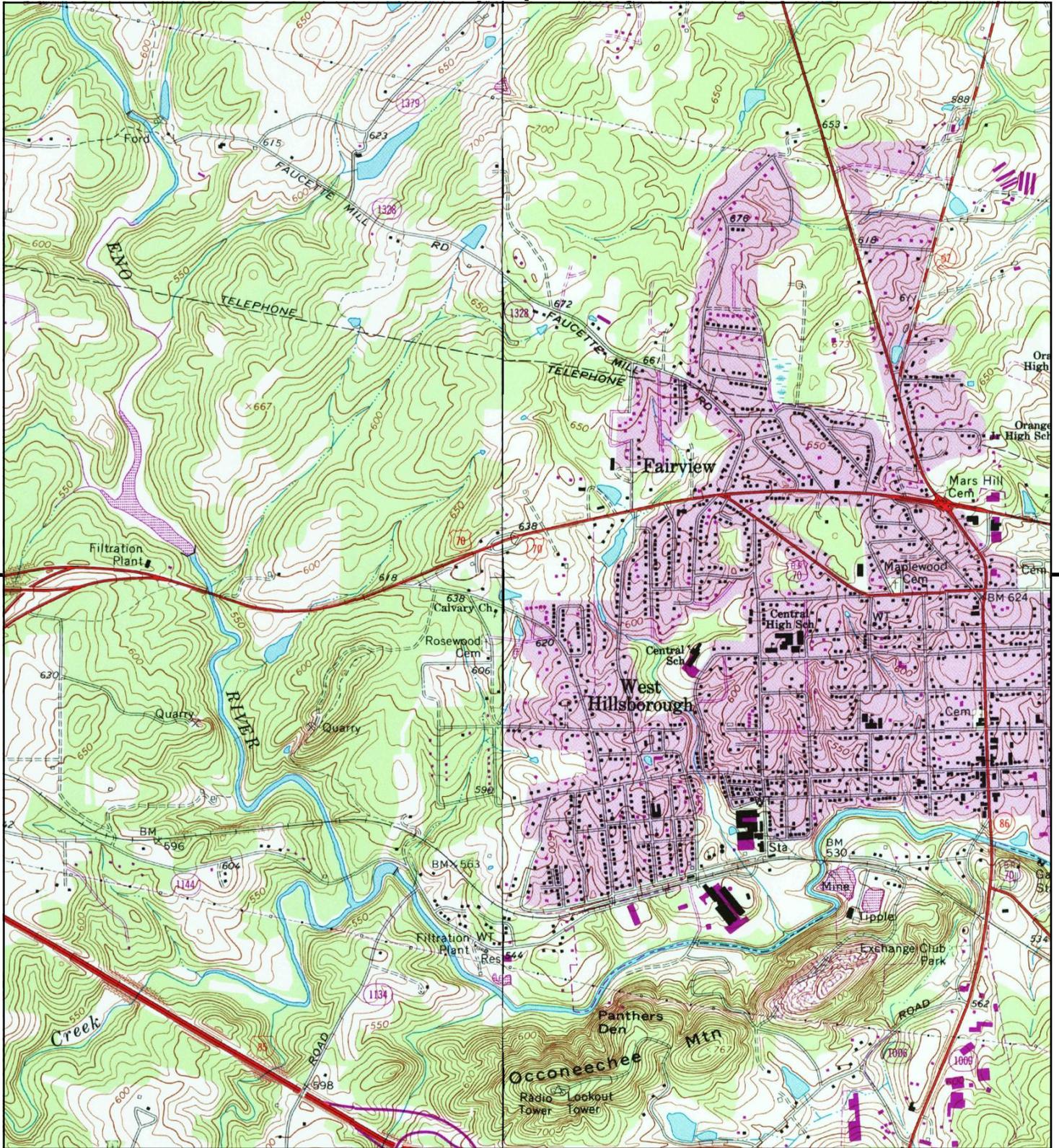
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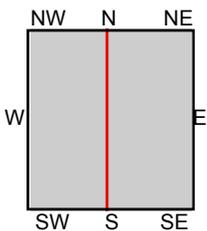
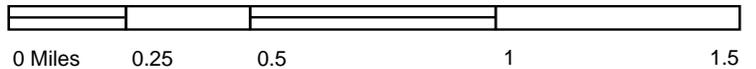
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SITE NAME: DMV Properties  
 ADDRESS: 524 West Hill Avenue North  
 Hillsborough, NC 27278  
 CLIENT: ECS Carolinas, LLP





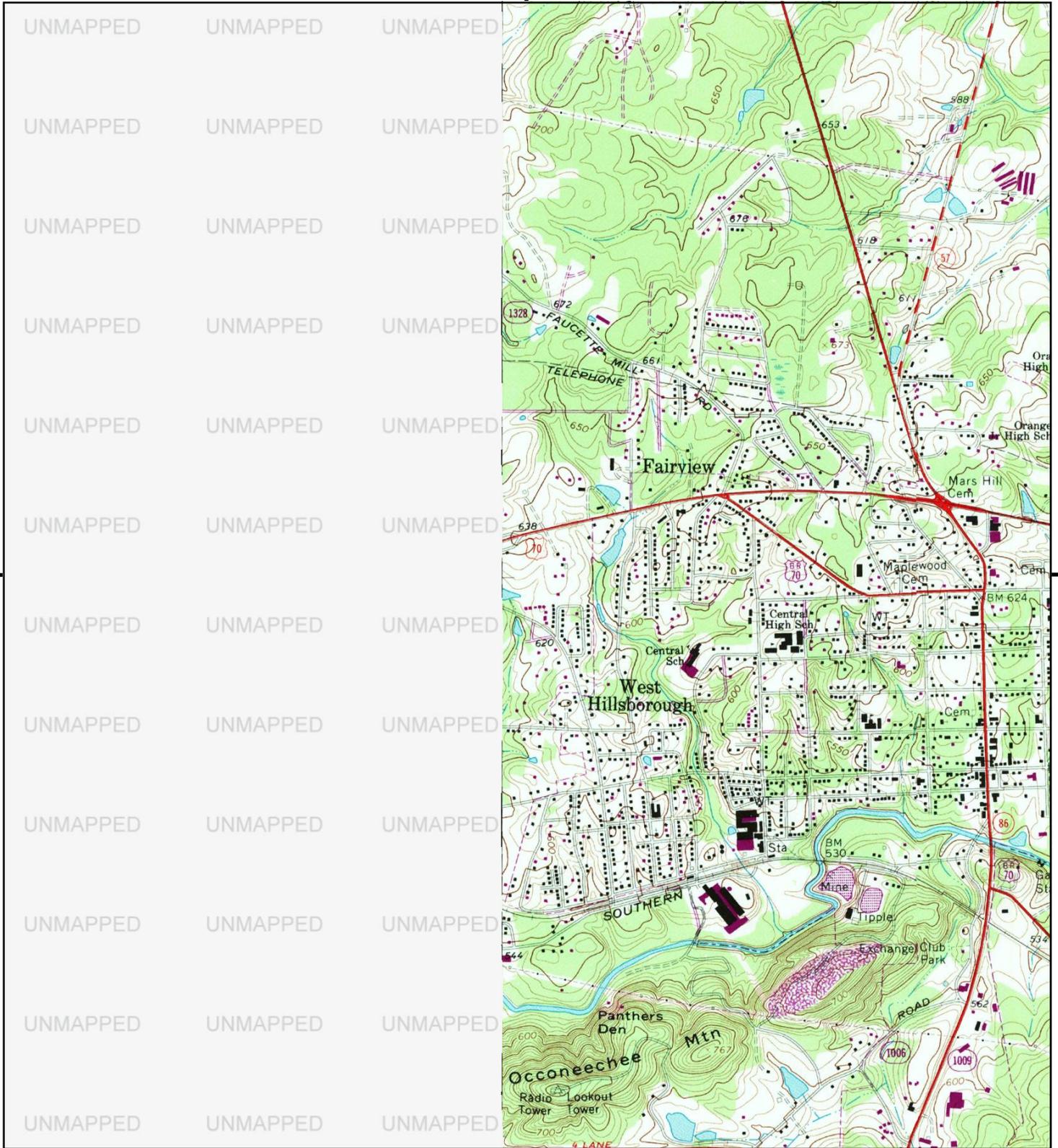
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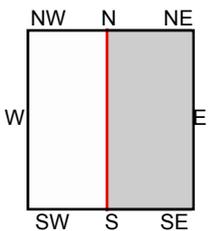
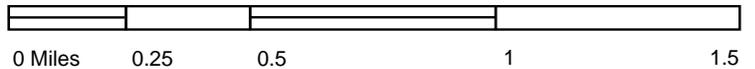
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 W, Efland, 1994, 7.5-minute

**SITE NAME:** DMV Properties  
**ADDRESS:** 524 West Hill Avenue North  
 Hillsborough, NC 27278  
**CLIENT:** ECS Carolinas, LLP





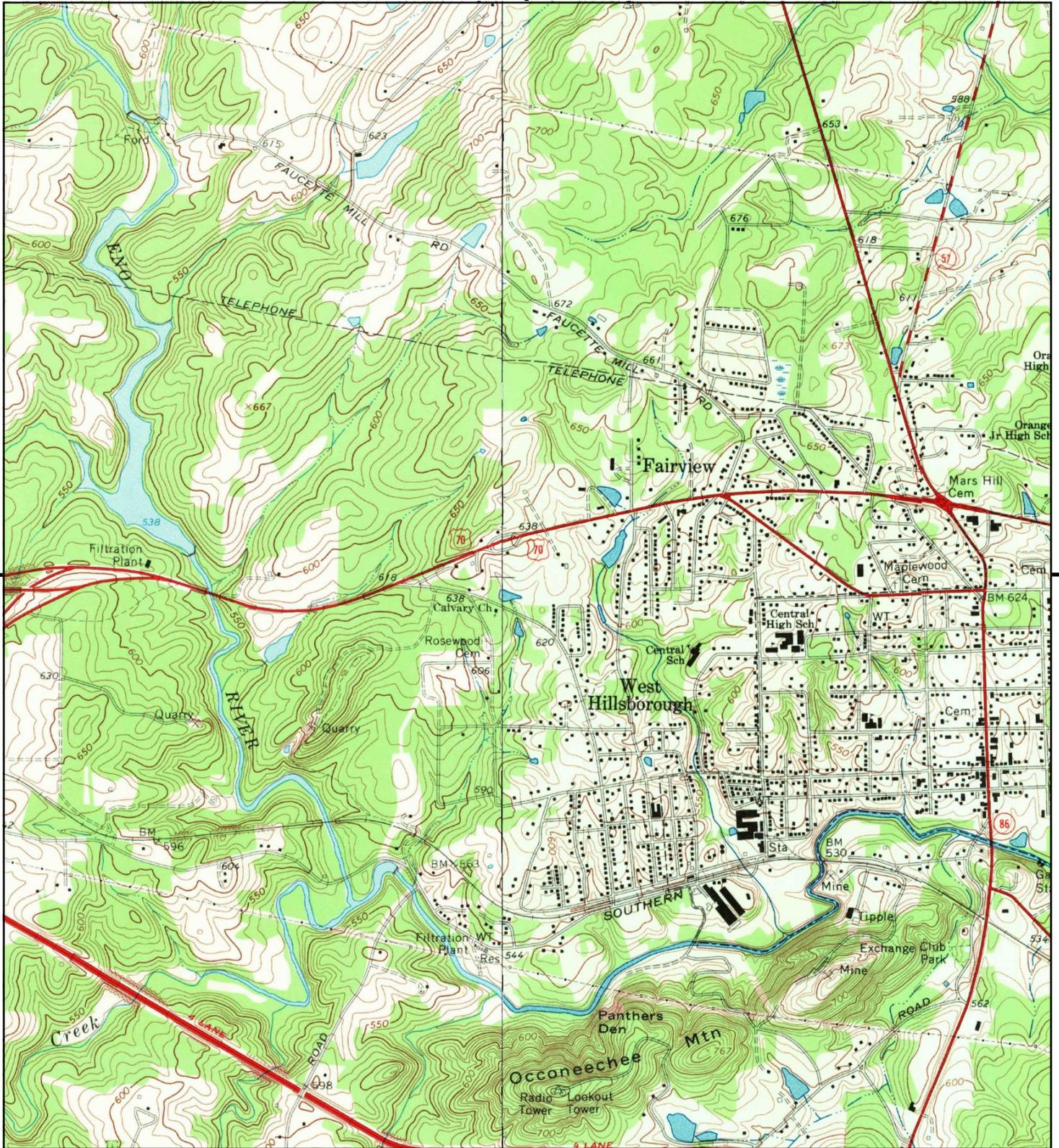
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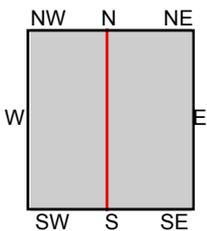
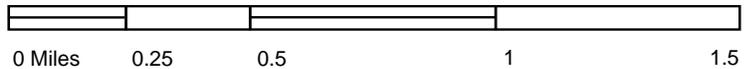
TP, Hillsborough, 1981, 7.5-minute

**SITE NAME:** DMV Properties  
**ADDRESS:** 524 West Hill Avenue North  
 Hillsborough, NC 27278  
**CLIENT:** ECS Carolinas, LLP





This report includes information from the following map sheet(s).



TP, Hillsborough, 1968, 7.5-minute  
 W, Efland, 1968, 7.5-minute

**SITE NAME:** DMV Properties  
**ADDRESS:** 524 West Hill Avenue North  
 Hillsborough, NC 27278  
**CLIENT:** ECS Carolinas, LLP



**DMV Properties**

524 West Hill Avenue North  
Hillsborough, NC 27278

Inquiry Number: 5147343.5  
December 31, 2017

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

*infoUSA*<sup>®</sup>

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

| <u>Year</u> | <u>Target Street</u>                | <u>Cross Street</u>                 | <u>Source</u>       |
|-------------|-------------------------------------|-------------------------------------|---------------------|
| 2014        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | EDR Digital Archive |
| 2010        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | EDR Digital Archive |
| 2005        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | EDR Digital Archive |
| 2000        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | EDR Digital Archive |
| 1995        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | EDR Digital Archive |
| 1992        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | EDR Digital Archive |

## FINDINGS

### TARGET PROPERTY STREET

524 West Hill Avenue North  
Hillsborough, NC 27278

| <u>Year</u> | <u>CD Image</u> | <u>Source</u> |
|-------------|-----------------|---------------|
|-------------|-----------------|---------------|

### W HILL AVE N

|      |        |                     |
|------|--------|---------------------|
| 2014 | pg A3  | EDR Digital Archive |
| 2010 | pg A6  | EDR Digital Archive |
| 2005 | pg A9  | EDR Digital Archive |
| 2000 | pg A12 | EDR Digital Archive |
| 1995 | pg A15 | EDR Digital Archive |
| 1992 | pg A18 | EDR Digital Archive |

# FINDINGS

## CROSS STREETS

| <u>Year</u> | <u>CD Image</u> | <u>Source</u> |
|-------------|-----------------|---------------|
|-------------|-----------------|---------------|

## ORANGE HEIGHTS LOOP

|      |        |                     |
|------|--------|---------------------|
| 2014 | pg. A1 | EDR Digital Archive |
| 2010 | pg. A4 | EDR Digital Archive |
| 2005 | pg. A7 | EDR Digital Archive |

## ORANGE HEIGHTS LOOP RD

|      |         |                     |
|------|---------|---------------------|
| 2000 | pg. A10 | EDR Digital Archive |
| 1995 | pg. A13 | EDR Digital Archive |
| 1992 | pg. A16 | EDR Digital Archive |

## US HIGHWAY 70 W

|      |         |                     |
|------|---------|---------------------|
| 2014 | pg. A2  | EDR Digital Archive |
| 2010 | pg. A5  | EDR Digital Archive |
| 2005 | pg. A8  | EDR Digital Archive |
| 2000 | pg. A11 | EDR Digital Archive |
| 1995 | pg. A14 | EDR Digital Archive |
| 1992 | pg. A17 | EDR Digital Archive |

## **City Directory Images**

**ORANGE HEIGHTS LOOP 2014**

|     |  |
|-----|--|
| 400 | BEETEM, EDITH R                            |
| 403 | WHEELEY, ANDREW B<br>WIL COM TRUCKING LINE |
| 406 | OCCUPANT UNKNOWN,                          |
| 408 | POLLOCK, OLLIE M                           |
| 412 | NEWCOMER, THOMAS W                         |
| 413 | SANCHEZ, VIVIANA                           |
| 416 | OCCUPANT UNKNOWN,                          |
| 417 | FAGALA, JAMI E                             |
| 419 | CABRERA, ROSA                              |
| 420 | JUSTICE, GENEVA C                          |
| 421 | GODFREY, TIFFANY G                         |
| 422 | WAGNER, GEORGENE P                         |
| 423 | OCCUPANT UNKNOWN,                          |
| 425 | OCCUPANT UNKNOWN,                          |
| 429 | FREEMAN, CHRISTOPHER M                     |
| 430 | COMBS, WAYNE                               |
| 600 | HENDRICKS, DANNY J                         |
| 604 | ASHLEY, A                                  |
| 605 | LEMMONS, ERIC                              |
| 606 | OCCUPANT UNKNOWN,                          |
| 607 | SUMMEY, JOHN T                             |
| 608 | OCCUPANT UNKNOWN,                          |
| 610 | OCCUPANT UNKNOWN,                          |
| 611 | GRADY, CHARLES                             |
| 613 | MINNIS, ALECIA A                           |
| 614 | PETTIFORD, DARLENE                         |
| 617 | GRIZZLE, DAVID L                           |

**US HIGHWAY 70 W 2014**

774 OCCUPANT UNKNOWN,  
1000 HOLLOWAY, BILL  
1008 HALL, DAVID L  
1009 HALL DOROTHY H  
HALL, ROBERT D  
1014 HOLLOWAY, WILLIAM A  
1015 TREMBLEY, ROBERT F  
1019 OCCUPANT UNKNOWN,  
1021 ONEAL, DAVID A  
1109 HALL, JEAN A  
1201 CRIME CONTROL AND PUBLIC  
MOTOR VEHICLES NC DIV  
NC HIGHWAY PATROL

**W HILL AVE N**

**2014**

511 BENNETT, DOROTHY M  
DECKWITH, RHONDA P  
KING, SARAH  
LEA, TAMARA  
RILEY, MARGARET A  
SPAHR, MISTY  
WHITTED, SCHLEY  
WILLIAMS, LAURA  
515 WATKINS, LOUIS K  
518 ENGLISH, SHANTNATIA  
ENNIS, JACQUELINE V  
MADDOX, ALEXANDER  
OVERMAN, ANGELA  
SMITH, EUGENEN W  
WOOTEN, MONICA  
519 COGWELL, ANGELA M  
608 OCCUPANT UNKNOWN,  
638 DEMONIA, ERIC C

**ORANGE HEIGHTS LOOP 2010**

|     |   |
|-----|---|
| 400 | BEETEM, EDITH R                           |
| 403 | WHEELEY, ANDREW B                         |
| 408 | POLLARD, DEBORAH S                        |
| 412 | NEWCOMER, THOMAS W                        |
| 413 | GAITAN, JOSE R                            |
| 416 | OCCUPANT UNKNOWN,                         |
| 417 | OCCUPANT UNKNOWN,                         |
| 420 | JUSTICE, GEORGE W                         |
| 421 | GODFREY, TIFFANY                          |
| 422 | WAGNER, BOBBY J                           |
| 423 | WALLER, LEROY W                           |
| 425 | OCCUPANT UNKNOWN,                         |
| 429 | FREEMAN, ALVIN M                          |
| 430 | COMBS, WAYNE                              |
| 600 | HENDRICKS DANNY JOE<br>HENDRICKS, DANNY J |
| 604 | ASHLEY, A                                 |
| 605 | OCCUPANT UNKNOWN,                         |
| 606 | OCCUPANT UNKNOWN,                         |
| 607 | OCCUPANT UNKNOWN,                         |
| 608 | MCLEMORE, CLEVELAND L                     |
| 610 | OCCUPANT UNKNOWN,                         |
| 611 | OCCUPANT UNKNOWN,                         |
| 613 | MINNIS, ALECIA A                          |
| 614 | BULLOCK, ANTONIO L                        |
| 617 | GRIZZLE, DAVID L                          |

**US HIGHWAY 70 W 2010**

774 OCCUPANT UNKNOWN,  
1000 HOLLOWAY, WILLIAM A  
1002 VANCE, GORDON W  
1008 HALL, DAVID L  
1009 HALL, ROBERT D  
1014 OCCUPANT UNKNOWN,  
1015 TREMBLEY, PAUL P  
1019 OCCUPANT UNKNOWN,  
1021 ONEAL, DAVID A  
1109 HALL, JEAN H  
1201 CRIME CONTROL AND PUBLIC  
MOTOR VEHICLES NC DIV  
NC HIGHWAY PATROL  
1219 OCCUPANT UNKNOWN,  
1220 ALBRIGHT, ALAN S

**W HILL AVE N**

**2010**

511 LEA, TAMARA  
RILEY, MARGARET L  
SHAMBLEY, LINDA D  
SMITH, DAMIEN  
WHALEY, KIMBERLY  
518 CARTER, JEFFREY D  
MIKUL, JOHN  
SMITH, EUGENEN  
SYKES, JUSTIN L  
604 ALBRIGHT, BENNY R  
608 OCCUPANT UNKNOWN,  
638 DEMONIA, ERIC C

**ORANGE HEIGHTS LOOP 2005**

|     |                       |
|-----|-----------------------|
| 331 | BRADSHER, HERMAN L    |
| 400 | BEETEM, EDITH R       |
| 403 | WHEELEY, A B          |
| 408 | PRITCHARD, WENDY      |
| 412 | JONES, PEARL R        |
| 413 | LOZANO, LUIS A        |
| 417 | AYERS, M              |
| 419 | SPIVEY, ZELDA A       |
| 420 | JUSTICE, GEORGE W     |
| 421 | SANCHEZ, FILIMON      |
| 422 | WAGNER, BOBBY J       |
| 423 | OCCUPANT UNKNOWN,     |
| 425 | GUESS, MICHELLE       |
| 429 | FREEMAN, ALVIN M      |
| 430 | COMBS, DEIDRA H       |
| 600 | HENDRICKS, JOSEPH D   |
| 605 | OCCUPANT UNKNOWN,     |
| 607 | SANDERSON, AUDIS      |
| 608 | MCLEMORE, CLEVELAND L |
| 610 | PATTERSON, BERNICE    |
| 613 | POOLE, LARRY          |
| 614 | OCCUPANT UNKNOWN,     |
| 617 | GRIZZLE, DAVID L      |

**US HIGHWAY 70 W 2005**

1000 OCCUPANT UNKNOWN,  
1002 VANCE, GORDON W  
1008 HALL, DAVID L  
1009 HALL, LISA A  
1015 TREMBLEY, PAUL F  
1019 OCCUPANT UNKNOWN,  
1021 COGHILL, DAVID A  
1109 HALL, JEAN H  
1111 OCCUPANT UNKNOWN,  
1201 MOTOR VEHICLES NC DIV  
1219 MEEKS, KENDALL  
1220 ALBRIGHT, ALAN S

**W HILL AVE N**

**2005**

511 ANDREWS, MARY M  
BANTA, NORMA L  
BUCK, CHRIS  
HINNANT, CHRISTY  
LOPEZ, ALEJANDRO  
RILEY, MARGARET L  
SHAMBLEY, LINDA D  
VAUGHN, DERESA C  
WOODS, D  
518 MOORE, ROSE S  
SILVA, CARLOS  
STAMATAS, ROBERT A  
WHITTED, STEVEN  
604 ALBRIGHT, BENNY R  
608 OCCUPANT UNKNOWN,  
638 DEMONIA, ERIC C

**ORANGE HEIGHTS LOOP RD 2000**

|     |                       |
|-----|-----------------------|
| 400 | BEETEM, ARTHUR        |
| 408 | HICKEY, ROBERT        |
| 412 | JONES, PEARL R        |
| 413 | LOZANO, LUIS A        |
| 417 | HONEYCUTT, DAVID R    |
| 419 | ROGERS, R             |
| 420 | JUSTICE, GEORGE W     |
| 429 | FREEMAN, MIKE         |
| 463 | FULLER, SCOTT         |
| 600 | HENDRICKS, JOSEPH D   |
| 605 | MCNEELY, GARY         |
| 608 | THEODOSION, ANNETTE M |
| 611 | JOHNSON, KENNETH R    |
| 614 | BYRD, FRED M          |

**US HIGHWAY 70 W 2000**

1201 MOTOR VEHICLES DIVISION OF

**W HILL AVE N**

**2000**

|     |                   |
|-----|-------------------|
| 511 | BENNETT, JAMES    |
|     | MCFARLING, M F    |
|     | MENDEZ, ERASMO    |
|     | REAVES, ANGEL     |
|     | RILEY, M          |
|     | YOUNGER, CECIL    |
| 518 | LOPEZ, JOSE       |
|     | MATTSON, JAMES    |
|     | RODRIGUEZ, JUAN J |
| 638 | BUTLER, AIMEE     |

**ORANGE HEIGHTS LOOP RD 1995**

464 OVERSTREET, JACKIE

**US HIGHWAY 70 W 1995**

|      |                           |
|------|---------------------------|
| 306  | ORANGE PAINT & DECORATING |
| 711  | FAIRVIEW CLEANERS         |
| 1009 | TREMBLEY FRENCH PAINT CO  |

**W HILL AVE N**

**1995**

511 ANDERSON, TAMMY  
ANDREWS, MARY  
DAVIS, C E  
EVANS, DWAYNE  
HAMM, BETTY  
HARRELLSON, ALVINA  
MOORE, WAYNE A  
PUGH, EVELYN  
REDD, SUSAN L  
RILEY, M  
SPIVEY, CYNTHIA  
WALKER, NANCY M  
515 WATKINS, LOUIS K  
517 JOHNSON, ROBERT  
518 HESTER, SHANIKA  
NORRIS, MARY  
608 KIMMEL, B  
WILLIAMS, JOE  
638 OCCUPANT UNKNOWNN

**ORANGE HEIGHTS LOOP RD 1992**

|     |                     |
|-----|---------------------|
| 400 | BEETEM, ARTHUR JR   |
| 420 | JUSTICE, GEORGE W   |
| 422 | WAGNER, BOBBY       |
| 429 | FREEMAN, MIKE       |
| 430 | COMBS, D B          |
| 458 | ODONNELL, TIMOTHY   |
| 463 | CARVER, F G         |
| 464 | OVERSTREET, JACKIE  |
| 600 | HENDRICKS, JOSEPH D |
| 604 | ASHLEY, ROSA F      |
| 606 | WADDELL, WENDY      |
| 608 | KECK, ASELEE        |
| 614 | BARNES, MELVIN      |
| 617 | GRIZZLE, DAVID      |

**US HIGHWAY 70 W 1992**

|      |                           |
|------|---------------------------|
| 306  | ORANGE PAINT & DECORATING |
| 401  | RILEY, M A                |
| 405  | DILLON, ROSIE             |
| 409  | CARRIAGE HOUSE            |
| 711  | FAIRVIEW CLEANERS         |
| 1800 | BOYCE, FLOYD A            |



-

**W HILL AVE N**

**1992**

511 ANDREW, MARY  
CHAVIOUS, LISA

# **Appendix V: Site Photographs**



1 - View of the subject property facing south



2 - View of the subject property facing northeast



3 - View of the pond located in the wooded area on the western portion of the property



4 - View of the southern portion of the property facing east



5 - View of the wooded area on the southern portion of the property



6 - View of the shed located in the wooded area on the northeastern portion of the property



7 - View of the agricultural land located on the southeastern portion



8 - View of the paved driveway north of the property



9 - View of the DMV office located north of the property



10 - View of the eastern adjacent property



11 - View of the mobile homes located south of the property



12 - View of the church located southwest of the property

# **Appendix VI: Statement of Qualifications**

# SHANNON ZIRPOLO

ENVIRONMENTAL TECHNICIAN



## CERTIFICATIONS

40 Hour HAZWOPER Training  
ASTM Technical Training and  
E-Learning

## SKILLS

Phase I Environmental Site  
Assessments

## PROFESSIONAL ORGANIZATIONS

National Association of Women in  
Construction (NAWC)

## PROFESSIONAL PROFILE

Ms. Zirpolo has been with ECS since 2004. Currently, she serves as an Environmental Technician and is primarily responsible for conducting environmental Phase I Site Assessments. Ms. Zirpolo has performed Phase I Environmental Site Assessments (ESAs) to determine environmental liabilities for commercial, residential, institutional, industrial and retail facilities. She has experience performing preliminary ESAs to evaluate on-site and off-site concerns that may impact the site. Her scope of work typically includes performance of an on-site and off-site reconnaissance, reviewing regulatory lists, obtaining and reviewing aerial photographs, topographic maps, Sanborn Fire Insurance Maps, city directories, and other published information. She is responsible for proposals and invoicing for each project she manages.

## PROJECT EXPERIENCE

- McDonalds USA, LLC, Wilson, NC
- Lennar Residential Development, Raleigh, NC
- Strata Solar Development, LLC, Woodland, NC
- Lennar Residential Development, Apex, NC
- McDonalds USA, LLC, Raleigh, NC
- Strata Solar Development, Battleboro, NC
- Lennar Residential Development, Wake Forest, NC
- McDonalds USA, LLC, Cary, NC
- Strata Solar Development, Kinston, NC
- Lennar Residential Development, Wake Forest, NC
- Royal Oaks Building Group, Raleigh, NC
- Mungo Homes of NC, Apex, NC
- John Wieland Homes, Apex, NC





# Justin A. Roth, CHMM

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*Regional Manager of Environmental Services*

## EDUCATION

Bachelor of Science, 2004, Ecology, West Chester University, West Chester, PA

## REGISTRATIONS

OSHA: 20 CFR 1910.146, Confined Space Entry, Attendant, 8-Hour; OSHA: 29 CFR 1910.120, HAZWOPER, 40-Hour; EPA Accredited Lead Inspector; South Carolina Certified Lead-Based Paint Professional; AHERA: Accredited Asbestos Building Inspector; SC: Asbestos Building Inspector; FEMA: National Incident Management Systems Awareness; Certified Hazardous Materials Manager: CHMM

## SAMPLE PROJECT EXPERIENCE

- **PROPOSED MEETING & LEE STREET REDEVELOPMENT, CHARLESTON, SC**- This project consisted of the performance and coordination of Phase I & II Environmental Site Assessments associated with a half city block project area. The project site included several former residential dwellings, two former gasoline service stations, and an adjacent former drycleaning operation. Upon completion of the Phase I ESA, ECS assisted with the preparation and submittal of a South Carolina Department of Health and Environmental Control (SC DHEC) Voluntary Cleanup Contract (VCC) application. The application was approved and Work Plans were prepared in preparation of additional work necessary to fulfill the VCC.
- **SUMTER DIALYSIS TIER 1 ASSESSMENT, SC** - This project consisted of a Phase I & II Environmental Site Assessment, including soil and groundwater sampling associated with redevelopment of the site. A remnant heating oil underground storage tank was also discovered for which ECS completed removal & remediation activities as well as a Tier 1 Assessment associated with identified groundwater impact.
- **PROPOSED RETAIL STORE IGWA** - This project consisted of Phase I & II Environmental Site Assessments, hazardous materials surveys, and an Initial Groundwater Assessment (IGWA) associated with suspected groundwater impact from an underground storage tank release.

Mr. Roth started in 2005 with ECS as an Environmental Scientist and is currently a Regional Manager of Environmental Services for ECS Carolinas, LLP. Responsibilities include profit & loss analysis, budget control, scheduling, resource allocation, client interaction and invoicing for environmental projects. He provides technical supervision, technical review and regulatory support, as well as, construction support from the field and office. Additional responsibilities include performing and managing Phase I, II & III Environmental Site Assessments, management and performance of hazardous and non-hazardous materials surveys to include asbestos and lead-based paint surveys, remediation, abatement monitoring, conducting underground storage tank investigations, National Environmental Policy Act surveys, State Historic Preservation Offices studies, site characterization, risk assessment, remedial design and implementation, rare species surveys and wetland delineations.



# **Appendix VII: Acronyms**

## ACRONYMS

|          |  |
|----------|--|
| AUL      | Activity and Use Limitations                               |
| AST      | Aboveground Storage Tank                                   |
| ASTM     | American Society for Testing and Materials                 |
| ACM      | Asbestos Containing Materials                              |
| BER      | Business Environmental Risk                                |
| CORRACTS | CERCLA Corrective Action List                              |
| NPL      | CERCLA National Priorities List                            |
| NFRAP    | CERCLA No Further Remedial Action Planned                  |
| CERCLA   | Comprehensive Environmental Response Cleanup Liability Act |
| CESQG    | Conditionally Exempt Small Quantity Generator              |
| CREC     | Controlled Recognized Environmental Condition              |
| ERNS     | Emergency Response Notification System                     |
| EDR      | Environmental Data Resources, Inc.                         |
| EC       | Engineering Controls                                       |
| HIST LF  | Historical Landfill  |
| HREC     | Historical Recognized Environmental Condition              |
| IC       | Institutional Controls                                     |
| LQG      | Large Quantity Generator                                   |
| LBP      | Lead Based Paint   |
| LTANKS   | Leaking Tanks  |
| LUST     | Leaking Underground Storage Tank                           |
| NCDEQ    | North Carolina Department of Environmental Quality         |
| REC      | Recognized Environmental Condition                         |
| RCRA     | Resource Conservation and Recovery Act                     |
| RCRIS    | Resource Conservation and Recovery Information System      |
| SQG      | Small Quantity Generator                                   |
| SWF/LF   | Solid Waste Facility/Landfill                              |
| SHWS     | State Hazardous Waste Sites                                |
| UST      | Underground Storage Tank                                   |
| USGS     | United States Geological Survey                            |