

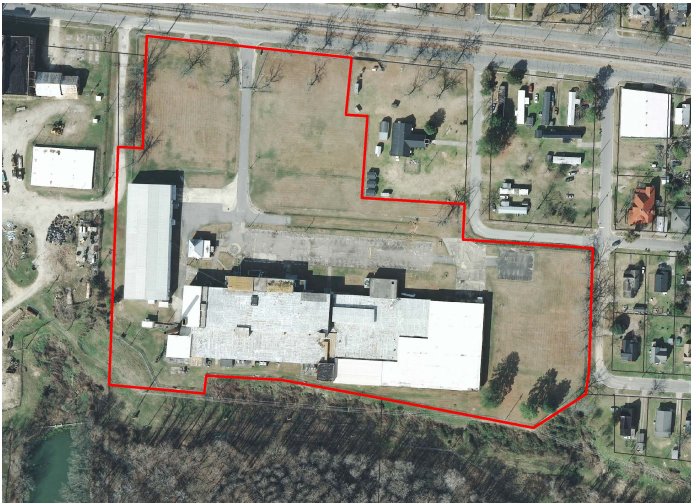


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## **Phase I Environmental Site Assessment Report**

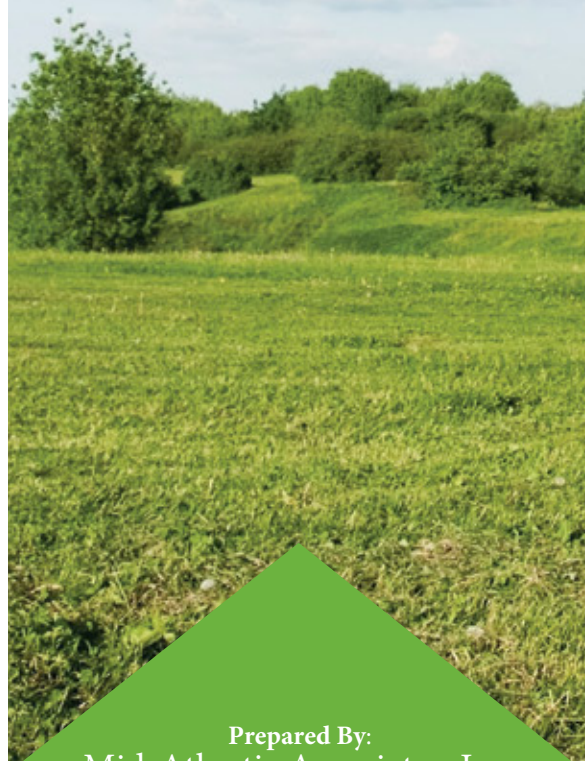
**Former Glen Raven  
Mill**



**Located at:**  
800 Manning Street  
Kinston, Lenoir County, North Carolina

**Prepared for (User):**  
City of Kinston  
c/o Mr. Adam Short  
207 E. King Street  
Kinston, North Carolina 28502

Report Date: December 30, 2015  
MAA Job #: 000R2611.00 Task  
4050



**Prepared By:**  
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## ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional (EP) as defined in § 312.10 of 40 CFR 312. The undersigned EPs 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Darin M. McClure, P.E.  
Principal Engineer

**In addition to the EP noted above, this report was authored by the following Mid-Atlantic professionals:**

Signatures:



Gregory L. Hutchins  
Staff Scientist



Samuel O. Calloway  
Staff Scientist

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**Former Glen Raven Mill  
800 Manning Street  
Kinston, Lenoir County, North Carolina**

## **1.0 Executive Summary**

Mid-Atlantic Associates, Inc. (Mid-Atlantic) has performed a Phase I Environmental Site Assessment (PESA) in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E 1527-13 at the parcel located at 800 Manning Street in Kinston, Lenoir County, North Carolina (the “subject site”). The subject site is located to the south of the intersection of Hood Street and Atlantic Avenue in Kinston, North Carolina. Site maps showing the location and layout of the subject site are provided in **Appendix 15.1** and **Appendix 15.2**.

The subject site is located in a generally commercial and residential area in Kinston. The subject site is zoned I-1 (Industrial Business District) by the City of Kinston Planning Department and is located in a FEMA 100-year Flood Zone. The subject site is comprised of one parcel that totals approximately 11.7 acres (+/-) of land according to the Lenoir County Tax Administration (Tax Office). At the time of site inspection, the subject site was developed with three structures associated with the former Glen Raven Mill. According to aerial photographs and Sanborn® fire insurance maps the site has been occupied by a cotton/spinning mill and residential dwellings since at least 1914.

Mid-Atlantic has performed this PESA in general conformance with the scope and limitations of ASTM Practice E 1527-13 and 40 CFR Part 312. Any exceptions to, or deletions from, these practices are described in **Section 2.4** and **Section 11.0** of this report. This assessment has revealed no evidence of RECs in connection with the subject site except for the following:

- The historical operation of the subject site as a cotton/spinning mill since at least 1914 until approximately 2002;
- The historical industrial use of the northeast adjacent property, including storage and use of coal; and
- The documented release of petroleum and historical use of the west adjacent property as the City Water Works and Electric Light Plant (power plant).

Particular areas of interest noted on the subject site include the following:

- The observed areas of oil staining around the machines on the first floor of the main mill building (Building 3) and in the basement of the main mill building;
- The historical storage and use of coal at the southwest portion of the main mill building;
- The engine room, boiler room and machine shop located at the southwest portion of the main mill building;
- The waste house formerly located southwest of the main mill building; and
- The oil house located south of the main mill building.

40 CFR Part 112 requires environmental professionals to consider the information collected during performance of this PESA and render an opinion as to whether additional investigation is necessary to detect contamination. Based on information currently available for the subject site, it is our opinion that additional investigation would be necessary to determine if soil and groundwater at the site have been adversely impacted by on-site and/or off-site operations.

## 2.0 Introduction

### 2.1 Purpose

The purpose of this PESA was to identify RECs that are indicative of an existing release, past release, or material threat of a release at the subject site. This PESA was performed to satisfy one of the requirements to qualify for the innocent landowner, bona fide prospective purchaser or contiguous property owner defense to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and as amended by the Small Business Liability Relief and Brownfields Redevelopment Act: that is, the practices that constitute “all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in 40 CFR 312. The PESA was conducted in substantial compliance with ASTM Standard Practice E 1527-13 – *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and 40 CFR Part 312, *Innocent Landowners, Standards for conducting All Appropriate Inquiries*.

### 2.2 Scope of Services

This PESA was completed by gathering required information that was publicly available within reasonable time and cost constraints and which could be practically reviewed. This report will be considered valid until a period of one year following the date of our site reconnaissance. Our scope of services included the following:

- **Records Review** – Obtaining and reviewing publicly available records (of both current and historical significance) in order to help identify “recognized environmental conditions” in connection with the subject site. Those specific records reviewed, including those records which were sought and were not readily available or reasonably ascertainable, are identified in the report.
- **Site and Surrounding Properties Reconnaissance** – Conducting a site and surrounding property reconnaissance, the objective of which was to obtain information indicating the likelihood of the existence of “recognized environmental conditions” in connection with the subject site, as defined in ASTM E-1527-13 and **Section 2.3**.
- **Interviews** – Conducting interviews with persons associated with the subject site and with appropriate local government officials in order to identify “recognized environmental conditions” in connection with the subject site. The specific parties interviewed and the nature and scope of the interviews are described in the report.
- **Report** – Summarizing the results of our investigation into this report and provide a professional opinion regarding the potential for environmental impact at the site and a list of Recognized Environmental Conditions (RECs).

### 2.3 Significant Assumptions and Definitions

Mid-Atlantic assumes that information provided by the User of the PESA report and those interviewed in conjunction with the PESA is true and accurate to the best of their knowledge. No other significant assumptions were used during the performance of this PESA.

The ASTM Standard Practice E1527-13 provides several definitions that are applicable to the performance of this PESA:

Data Gap – The absence or inability to obtain information required by the standard despite good faith efforts by the environmental professional (EP) to gather such information. Data gaps may result from incompleteness in any of the activities required by the standard, including, but not limited to site reconnaissance (e.g. an inability to conduct the site visit), interviews (e.g. an inability to interview the property owner, regulatory officials, etc.).

REC (recognized environmental condition) - "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 [the standard], "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". Note: a vapor encroachment condition (VEC) in the subsurface is described in ASTM Guide E2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. Per the authorized contract, Mid-Atlantic was not requested to conduct a Vapor Encroachment Screen in accordance with the E2600-10 guide.

CREC (controlled recognized environmental condition) – A recognized environmental condition (REC) resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g. as evidenced by the issuance of a no further action letter (NFA) 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 CREC does not imply that the EP has evaluated or confirmed the adequacy, implementation or continued effectiveness of the required control that has been, or is intended to be, implemented. If CREC(s) are identified during the PESA, they will be listed in the Findings section of the report and as a REC in the Conclusions Section.

HREC (historic recognized environmental condition) – 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 (e.g. property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the EP must determine whether the past release is a REC at the time the Phase I ESA is conducted (e.g. if there has been a change in the regulatory criteria). If the EP considers the past release to be a REC at the time the PESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

De minimis condition – 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 RECs nor CRECs.

Business environmental risk – 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". Client imposed limitations and site condition limitations, if encountered, are detailed in **Section 6.1, Methodology and Limiting Conditions**.

User - The party seeking to use Standard Practice E1527 [the standard] to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of the standard including: 1) completion and return of the User Questionnaire, preferably prior to the EP visiting the site; 2) Review Title and Judicial Records for Environmental Liens and Activity and Use Limitations (AULs); 3) communicate to the EP prior to the site visit any specialized knowledge or experience pertinent to the identification of RECs in connection with the property and/or actual knowledge of any environmental liens or AULs encumbering the property; 4) communicate to the EP if a significantly lower purchase price (with regard to fair market value) is being offered on the property due to perceived or known environmental contamination (the purchase price need not be disclosed); 5) inform the EP prior to the site visit about commonly known or reasonably ascertainable information within the local community about the property that could pertain to the identification of RECs, and, 6) the user must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the property and the ability to detect releases or threatened releases by appropriate investigation. In regard to environmental liens and AULs (number "2" above), the standard does not impose on the EP the responsibility to undertake a review of recorded land title records and judicial records for environmental liens and AULs. It is the user's responsibility to either (1) engage a title company, real estate attorney, or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens and AULs currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company, real estate attorney, or title professional as an addition to the scope of work of the EP.

## **2.4 Limitations and Exceptions**

As contracted, the scope of work of this PESA did not include a detailed review of agency files on specific, environmentally-related incidents (unless mentioned in the report) which may have occurred near the subject site. It also did not include other issues that may be addressed, depending on site-specific circumstances, during commercial real estate transactions. These include, but are not limited to, asbestos containing materials (ACM), lead-based paint, radon, lead in drinking water, wetlands, cultural or natural resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological agents, mold, radiological compounds, etc.

Our professional services have been performed using the degree of care and skill ordinarily exercised, under similar conditions, by reputable environmental consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional information included in this report. Although this study has been a reasonably-thorough attempt to identify conditions that are indicative of releases and threatened releases of hazardous substances, as well as pollutants, contaminants, petroleum and petroleum products and controlled substances on and/or off-site, there is always the possibility that potential sources of contamination have escaped detection due to the limitations of this study, the availability of

historical records, the inaccuracy of governmental records and/or the presence of undetected and unreported environmental accidents. It should be noted that no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a site. Mid-Atlantic reserves the right to alter our findings based on our review of any information obtained and reviewed after the date of this report.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject site 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 site. This could require additional exploratory work, including sampling and laboratory analysis. In addition, the findings of this PESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the site. Mid-Atlantic is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

## **2.5 Special Terms and Conditions**

This PESA was conducted in accordance with the terms and conditions of Mid-Atlantic's contract with the client. It is the responsibility of the User (typically the client) to provide known site information, environmental lien and AULs, if there is a lower purchase price than the Fair Market Value due to known or perceived contamination, and the other information noted in **Section 2.3** under the "User" sub-section.

## **2.6 User Reliance**

The User may rely on the contents of this PESA subject to the limitations placed on the scope, nature and type of Mid-Atlantic's services as stated in the PESA and subject to those Terms and Conditions as stated in Mid-Atlantic's contract with the client. The User and any additional parties specifically granted reliance, are the only parties to whom Mid-Atlantic grants the right to rely upon the PESA. No other third party may rely on the PESA unless the express written consent of Mid-Atlantic is first obtained. Any such reliance will be granted in accordance with the terms of the original contract between Mid-Atlantic Associates and the client.

This report is assumed "valid" under *the standard* (ASTM E1527-13) if it was completed less than 180 days prior to the date of property acquisition or the date intended for a property transaction (if the property is not being acquired). If a party other than whom the report was prepared, wishes to use the report during the 180 day period, the new user(s) must satisfy the user responsibilities noted in **Section 2.3** under the "User" sub-section.

The standard states that a PESA completed on a property within 12 months of property acquisition or the date intended for a property transaction (if the property is not being acquired), may be used provided that the following PESA components are completed or updated within 180 days of the acquisition date or date intended for a property transaction: (i) interviews with owners, operators and occupants; (ii) a search for recorded environmental cleanup liens; (iii) review of federal, tribal, state and local government records (i.e. an environmental database search); (iv) visual inspection of the property and adjacent properties; and, (v) the declaration by the EP responsible for the assessment or update.

For using PESA reports greater than 12 months old prior to the intended acquisition or transaction date, the standard outlines procedures that users should follow in Section 4.7 and 4.8 of ASTM E1527-13.

## **3.0 Site Description**

### **3.1 Site Location and Legal Description**

The subject site is located 800 Manning Street in Kinston, North Carolina, south of the intersection of Hood Street and Atlantic Avenue and is comprised of one parcel that totals approximately 11.7 acres. The subject site is recorded as Parcel ID Number 452513047216 by the Lenoir County Tax Office. At the time of inspection the subject site was developed with three structures associated with the former textile factory. Based on interview information, aerial photographs, and Sanborn maps, the subject site was developed with the current on-site structures on an unknown date(s) between 1978 and 1994. Prior to 1978, aerial photographs and Sanborn® fire insurance maps show the site occupied by the Glen Raven Cotton Mill and residential dwellings. The subject site is currently zoned I-1(industrial Business District) by the City of Kinston Planning.

### **3.2 Site and Vicinity General Characteristics**

The subject site is located in a generally commercial and residential area in Kinston, Lenoir County, North Carolina and is bounded to the north by Atlantic Avenue and the North Carolina Railroad Corridor Line. The subject site is located approximately 600 feet north of the Neuse River, and is separated by an area of wooded land.

### **3.3 Current Use of the Property**

At the time of site inspection, a portion of the subject site was occupied by the National Spinning Company, while the remaining onsite structures are vacant.

- Building 1 – The western most building and former warehouse. The building is currently occupied by National Spinning Company and used for the blending and baleing of fabric.
- Building 2 – Small square office building. The building is currently unoccupied.
- Building 3 – Large, southernmost, former textile mill. The building is currently unoccupied.

### **3.4 Description of Structures, Roads, Utilities & Other Site Improvements**

At the time of site inspection, the majority of the subject site was occupied by the former Glen Raven Mill (Building 3), with a small office building located further to the north (Building 2). In addition, a warehouse was located west of the former mill and is currently being rented out to the National Spinning Company (Building 1). Vehicular access is provided to the site from the north by Hood Street. The subject site is currently provided water services by the City of Kinston Public Works and Utilities Department and sewer and power services are provided by the City of Kinston and Duke Energy, respectively.

### 3.5 Current Use of the Adjoining Properties

The subject site is bounded to the north, across Atlantic Avenue and the North Carolina Railroad Corridor Line, by the former Church at Kinston (north) and residential dwellings (northeast/northwest); to the northeast by the Glen Raven Baptist Church; to the northeast, across Manning Street, by residential dwellings and the former Raven's Nest Community Outreach Center; to the east and southeast, across Perry Street, by residential dwellings; to the south by wooded land and the Neuse River; and to the west by a storage yard (former power plant) owned by the City of Kinston.

## 4.0 User Provided Information

Pursuant to ASTM E 1527-13, Mid-Atlantic requested the following site information from the Users. The Users for this project were Mr. Adrian King, Executive Director for the Pride of Kinston, and Mr. Adam Short, Planning Director with the City of Kinston. Mr. King and Mr. Short each completed a User Questionnaire and provided Mid-Atlantic with contact information for the owner of the subject site. Copies of the User Questionnaires are included in **Appendix 15.6** and User-provided information is summarized in the following sections.

### 4.1 Title Records

No title records were provided to Mid-Atlantic by the User. Refer to **Section 5.5.5** for a discussion of deed research performed by Mid-Atlantic personnel.

### 4.2 Environmental Liens or Activity and Use Limitations

The Users indicated that they did not have knowledge regarding environmental liens or activity and use limitations (AULs) for the subject site, as reported to Mid-Atlantic in the completed User Questionnaires. The standard (ASTM E1527-13) lists specific user responsibilities for the project, as listed in **Section 2.3** of this report.

### 4.3 Specialized Knowledge

The Users did not indicate on the User Questionnaires that they had specialized knowledge about the site.

### 4.4 Commonly Known or Reasonably Ascertainable Information

The Users did not provide knowledge of commonly known environmental issues at the subject site or in the vicinity of the subject site with the exception of the former use of the subject site as a textile spinning/cotton mill.

### 4.5 Valuation Reduction for Environmental Issues

Mr. Short indicated that the purchase price that would be paid for the subject site would reasonably reflect the fair market value. Mr. King indicated that the purchase price would not reflect the fair market value. It is our understanding that Mr. King's organization could potentially accept the site as a donation.

## 4.6 Owner, Property Manager, and Occupant Information

The Lenoir County Tax Assessor's Office has the current owner of the subject site as McConnell Holdings, Inc. The point-of-contact for the subject site was Mr. Ward McConnell, who arranged the site visit with Mr. Chuck Wade, maintenance supervisor for the Glen Raven Mill. Refer to **Section 5.5.5** for more detailed owner information.

## 4.7 Reason for Performing Phase I ESA

Mid-Atlantic understands that the findings of this PESA will be used to evaluate the subject site to determine whether completing further soil and groundwater assessment activities are necessary for potential site remediation (cleanup). The subject site is being address under a U.S. Environmental Protection Agency (EPA) Brownfields grant to promote reuse of underutilized or distressed properties. The Brownfields Grant was awarded by the EPA to the City of Kinston.

The purpose of a PESA is to identify existing or potential RECs (as defined by ASTM Standard E-1527-13) in connection with the subject site. This PESA was also performed to permit a User to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bonafide prospective purchaser* limitations within the scope of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 U.S.C 9601) liability.

## 5.0 Records Review

### 5.1 Environmental Regulatory Records

Mid-Atlantic contracted EDR to conduct a regulatory database search in accordance with ASTM E 1527-13 standards. The purpose of the search is to identify certain properties and facilities in the vicinity of the subject site (including the subject site, as applicable) which are regulated by the U.S. Environmental Protection Agency (EPA), North Carolina Department of Environmental Quality (DEQ) and other state and local environmental regulatory agencies. Detailed information pertaining to each database researched is presented in the EDR report, a copy of which is attached as **Appendix 15.5**.

The subject site was identified during Mid-Atlantic's review of regulatory records in the following regulatory databases:

- The former Glen Raven Mills and the National Spinning Company are both identified in the Facility Index System (FINDS) at the subject site (800 Manning Street). Information from the FINDS database lists the former Glen Raven Mills as inactive and indicates that site was identified on the Aerometric Information Retrieval System (AIRS) which monitors airborne pollution.
- The subject site was also identified at 800 Manning Street as the Kinston Public Utilities Department on the PCB Activity Database (PADS). Information from the PADS database lists the site as a generator and indicates the state received certification from the site on September 5, 1990. Based on the historical review of the area, Mid-Atlantic believes the listing is incorrectly identified and is instead referring to the west adjacent property (The City of Kinston Manning Street Power Plant).

Mid-Atlantic identified the following potential off-site concerns associated with the adjacent properties:

- The City of Kinston Manning Street Power Plant (900 Manning Street), located on the west adjacent property, was identified in the Incident Management Database (IMD), Underground Storage Tank (UST), Leaking Underground Storage Tank (LUST), and the LUST Trust Fund (LUST TRUST) databases. Information from the IMD indicates that during a tank removal on January 20, 1990 black petroleum product was discovered at two locations on site (Incident Number 5493). The LUST database indicates that groundwater contamination was detected and that cleanup of the site occurred on the same day as the release (January 20, 1990). The site achieved a Residential Soil Cleanup level and is listed as closed out on July 27, 2000. Information from the UST database is summarized in the table below.

| Tank ID | Size (Gallons) | Contents         | Installed Date | Status              |
|---------|----------------|------------------|----------------|---------------------|
| 1       | 4,000          | Gasoline/Gas Mix | 05/10/1966     | Removed, 12/31/1989 |
| 2       | 4,000          | Gasoline/Gas Mix | 05/10/1966     | Removed, 12/31/1989 |

- The Thomas Residence (600 Nelson Street) located approximately 600 feet to the northwest was identified on the LUST, LUST TRUST, and IMD databases. Information from the IMD database indicates that on November 18, 2005 an underground leak of petroleum resulted in soil contamination (Incident Number 31624). The LUST database indicates that cleanup of the site occurred on the same day. The site was submitted to the LUST TRUST on June 22, 2006; however, a close out date is not listed.

The EDR report identified several additional surrounding properties in regulatory databases/lists. However, the surrounding sites identified are not anticipated to present an environmental threat to the subject site based on such factors as distance from the subject site, their actual field verified location, current regulatory status, and estimated groundwater flow direction. In addition, the sites listed in the EDR report's Orphan Summary were not identified within one mile of the subject site and/or are not anticipated to pose an environmental threat to the subject site.

## 5.2 Additional Environmental Record Sources

Mid-Atlantic was not provided with additional environmental records by the Users. Refer to **Section 5.3** for further information pertaining to regulatory records reviewed for adjacent properties.

## 5.3 File Review Pertaining to Listings on the Subject Property and Adjacent Properties

### Soil and groundwater contamination at the west adjacent Manning Street Power Plant

Mid-Atlantic reviewed a *Site Closure Report* prepared by OMNI Professional Environmental Associates, P.A (OMNI) and dated June 20, 2000. Information from the report indicates that on January 25, 1990 Halls Petroleum Company removed two 4,000-gallon USTs from a pit located towards the central portion of the property, approximately 250 feet west of the subject site. During removal of the tanks degraded petroleum product was encountered in the base of the tank pit. Based on the results of the tank removal the NCDEQ, formally NCDENR, issued a Notice of

Violation (NOV) requiring removal and disposal of contaminated soils and assessment of groundwater at the site. The report indicates that soil contamination was localized to the north wall of the tank; however, further excavation of soils at the northern portion of the tank pit was not possible due to the presence of a buried pipeline. During soil excavation a layer of black sand with a strong diesel odor was encountered approximately six inches below the water table. OMNI personnel suspected that the diesel contamination was the result of the former fuel oil aboveground storage tanks (ASTs) which were previously located upgradient of the former UST pit. Diesel was identified in unsaturated soils in the vicinity of the former fuel oil ASTs; however, based on OMNI's hydrogeological site assessment the levels of contamination were believed to be negligible.

Subsequent assessment activities performed by OMNI revealed petroleum related contamination in shallow groundwater primarily downgradient (south) of the former UST pit, in the general direction of groundwater flow towards the Neuse River. The site was assigned a high risk status due to the presence of two deep public water supply wells located on site. Based on the result of groundwater sampling and the assigned high risk status a single-column air stripper remediation system was installed in September of 1990. Quarterly monitoring from 1993 to 1996 revealed that the concentrations of petroleum related compounds in groundwater at the site were reduced to below the North Carolina Groundwater Quality Standard (NCGQS) at all monitoring wells except MW-1, located closest to the former UST basin. In August, 1997, with permission from NCDEQ, OMNI removed the remediation system and began a monitoring only plan at the site. Results of sampling from the First Quarter of 2000 indicated that all wells sampled had met the standard for four quarters of data documenting no concentrations above the NCGQS. Based on the results OMNI recommended site closure.

Only July 27, 2000 NCDEQ issued a *Notice of No Further Action* (NFA) for the Manning Street Site. NCDEQ lowered the risk of the site from High to Low and closed out the site without land use restrictions.

## **5.4 Physical Setting Sources**

The geologic and hydrogeologic settings of a site are considered of interest since they may provide information related to the direction and physical mechanisms of contaminant migration, if present, from on-site and off-site sources.

### **5.4.1 Geologic Setting**

According to the map titled *Geology of North Carolina (1985)*, prepared by the North Carolina Geological Survey Section of the North Carolina Department of Natural Resources and Community Development, the subject site is located in the Peedee Formation of the Coastal Plain. The site appears to be underlain by "sand, clayey sand and clay, greenish gray to olive black, massive, glauconitic, locally fossiliferous and calcareous. Patches of sandy molluscan-mold limestone in upper part."

### **5.4.2 Topography and Surface Drainage**

According to the USGS Topographic Quadrangle Map of Kinston, North Carolina (**Appendix 15.1**), the site is relatively flat. Maximum site elevations appear to occur near the northern property boundary, while the minimum elevations occur near the southern property boundary. Rain water is expected to drain by sheet flow across the paved areas and vegetation cover at the site to the south. The subject site is located approximately 600 feet north of the Neuse River.

### 5.4.3 Groundwater

Groundwater levels and flow directions are typically site specific. Site-specific groundwater flow can be influenced by impermeable surfaces, the proximity of nearby drainage features, sinkholes, creeks, swamps, and pumped groundwater wells. Fractures, joints, bedding planes and other discontinuities in the underlying rock can affect the groundwater conditions. Based upon the pattern of topographic contour lines shown on the topographic map (**Appendix 15.1**), groundwater flow below the subject site should flow to the south toward the Neuse River.

## 5.5 Historical Use Information on the Subject Site

Mid-Atlantic reviewed historical aerial photographs, topographic maps, Sanborn® Maps, city directories, and tax/deed records to evaluate past uses of the subject site. Copies of documents corresponding to the historical sources are attached as **Appendix 15.4**.

### 5.5.1 Aerial Photographs

See **Section 5.6.1** for our findings from the review of aerial photographs for the subject site and adjacent properties.

### 5.5.2 Topographic Maps

Mid-Atlantic personnel reviewed historical topographic maps for the subject site provided by EDR for the years 1914, 1916, 1980/1983, 1998, and 2013. The 1914 topographic map of Kinston shows the subject site occupied by two buildings which resemble Buildings 1 & 3 which currently occupy the subject site. The 1914 topographic map also shows the northern and eastern most portions of the subject site as occupied by small buildings which appear to be dwellings with the subject site as intersected from east to west by Manning Street. Land use change is not observed in the 1916 topographic map. The 1980/1983 topographic map shows the subject site as part of an urban, “built up” area of Kinston which is denoted in grey on the U.S. Geological Survey (USGS) topographic map. The 1980/1983 map does not show buildings on the subject site; however, the USGS does not always map individual buildings in the urban, built up areas unless they serve a civic function (e.g. school, church, or post office). The 1998 topographic map again shows the subject site occupied by two buildings which resemble Buildings 1 & 3 which currently occupy the subject site. The 2013 map shows the subject site in an urban area of Kinston; however, no structures are shown.

### 5.5.3 Sanborn® Maps

Mid-Atlantic’s review of historical Sanborn® maps revealed the following information concerning the subject site:

#### 800 Manning Street

- **1914** – The subject site is shown as occupied by Caswell Cotton Mills and shown with three structures in a similar orientation to observed usage today (2015). The western most building (Building 1) is labeled cotton warehouse. The small square building (Building 2) is labeled as an office. The large southernmost building (Building 3) is labeled as winding and spinning on the first floor and drawing, carding, slubbers & speeders on the second floor. The southwest portion of Building 3 is shown with an engine room, boiler room, and machine shop. Directly adjacent to the boiler room, outside of Building 3 is an area labeled

coal pile, and west of the coal pile (across the railroad trestle) is a small structure labeled waste house. A small oil house is shown to the south of the Building 3. Information from the Sanborn Map indicates the site was steam powered and fueled with coal. The northern and eastern most portions of the subject site are shown as occupied by dwellings. Additionally, Manning Street is shown intersecting the subject site from east to west.

- **1919** – The subject site is observed with similar land usage to the 1914 map. An addition, labeled winding and spinning, is shown on the eastern portion of Building 3.
- **1925** – Similar land use observed. A small storage building is observed to the southeast of Building 3. A small portion of the storage building is labeled “conditioning room”.
- **1930** – Land use change not identified.
- **1948** – The subject site is labeled as the Glen Raven Cotton Mills, Plant No. 2; however, land use change is not identified.
- **1958** – Land use change not identified.

Mid-Atlantic considers the historical use of the site as environmentally significant. Of particular environmental significance is the use of the southwest portion of the Building 3 as a boiler room, engine room and machine shop; the oil house formally located south of Building 3; the former coal pile located at the southwest corner of Building 3; and the former waste house south of Building 1.

#### **5.5.4 City Directories**

City directories were reviewed by EDR. Our review of the EDR data and additional historical city directories revealed the following information concerning the subject site:

##### *800 Manning Street*

- **1928** – Caswell Cotton Mills (No address, listed between 715 and 801 Manning Street)
- **1936** – Caswell Cotton Mills
- **1949** – Glen Raven Cotton Mills Plant No 2
- **1964, 1968** – Glen Raven Cotton Mills No 2 Office.
- **1972 1982** – Glen Raven Cotton Mills No 2 Spinning Plant
- **1977, 1982, 1987** – Glen Raven Mills Inc
- **2003** – Glen Raven Mills
- **2013** – National Spinning

The industrial use of the site as cotton/spinning mill is considered environmentally significant.

#### **5.5.5 Tax and Deed Information**

Property record information obtained from the Lenoir County Tax Administrator’s Office identified the current owner of Parcel ID Number 4525130407216 as follows:

McConnell Holdings, Inc.  
(No address listed)

Mid-Atlantic obtained the current deed for the subject site from the Lenoir County Register of Deeds and recorded in Book 1439 Page 0328 dated July 28, 2005, which lists the Grantor as National Spinning Co, Inc. and the Grantee as McConnell Holdings, Inc. This deed is attached in **Appendix 15.4**.

## 5.5.6 Data Failure

Data failure occurs when reasonably ascertainable, standard historical sources have been reviewed and the objectives (use of the subject site back to its first developed use or 1940, whichever is earlier) have not been met. Mid-Atlantic traced the subject site's land use back to 1914 based on the Sanborn Maps provided. In 1914, the subject site appears to be used for industrial purposes. As such, this developed use constitutes data failure. In our opinion, this data failure does not constitute a data gap as it did not impact our ability to identify RECs at the subject site.

## 5.6 Historical Use Information on Adjoining Properties

Mid-Atlantic reviewed historical aerial photographs, topographic maps, Sanborn Maps, and city directories to evaluate past uses of adjoining properties. Copies of documents corresponding to the historical sources are attached as **Appendix 15.4**.

### 5.6.1 Aerial Photographs

Mid-Atlantic obtained aerial photographs obtained from EDR, North Carolina Department of Transportation (NCDOT), and Google Earth for the years 1937, 1942, 1956, 1959, 1964, 1974, 1978, 1994, 1999, 2005, 2006, 2008, 2009, 2010, 2012, and 2013.

| 1937                               |   |
|------------------------------------|---|
| Subject Site:                      | Two large structures observed which resemble Buildings 1 & 3. The observed southernmost building (Building 3) is observed as more narrow than the current structure. Several small structures which appear to be dwellings are observed in the northern and eastern most portion of the subject site. |
| Adjacent North:                    | N: Vacant undeveloped land across current Atlantic Avenue.<br><br>NE: Primarily vacant land, possible dwellings.  |
| Adjacent East:                     | Large rectangular structure.  |
| Adjacent South:                    | SE: Apparent residential dwellings.<br><br>S: Wooded Land.  |
| Adjacent West:                     | Site appears occupied by three structures.  |
| Identified Environmental Concerns? | None identified.  |

| 1942 (poor resolution)             |   |
|------------------------------------|---|
| Subject Site:                      | Three large structures observed which resemble Buildings 1, 2 & 3. Several small structures which appear to be dwellings are observed in the northern and eastern most portion of the subject site. |
| Adjacent North:                    | N: Vacant undeveloped land across current Atlantic Avenue.<br><br>NE: Primarily vacant land, possible dwellings.  |
| Adjacent East:                     | Large rectangular structure.  |
| Adjacent South:                    | SE: Apparent residential dwellings.<br><br>S: Wooded Land.  |
| Adjacent West:                     | Site appears occupied by three structures.  |
| Identified Environmental Concerns? | None identified.  |

| <b>1956 and 1959</b>               |   |
|------------------------------------|---|
| Subject Site:                      | Three large structures observed which resemble Buildings 1, 2 & 3. The former engine room, boiler room and machine shop are visible at the southwest corner of Building 3. Several small structures which appear to be dwellings are observed in the northern and eastern most portion of the subject site. Additionally two small structures are visible to the south of Building 3. |
| Adjacent North:                    | N: Apparent residential dwellings across current Atlantic Avenue.<br><br>NE: Small portion is undeveloped land and the rest appears occupied by dwellings.  |
| Adjacent East:                     | Large rectangular structure.  |
| Adjacent South:                    | SE: Apparent residential dwellings.<br><br>S: Wooded Land.  |
| Adjacent West:                     | The site appears occupied by several structures. What appears to be the shadow of a smoke stack is observed in the northwest portion of the site. Additionally the site appears to have trenched out some of the wooded land and is connected to the Neuse River with a small waterway.   |
| Identified Environmental Concerns? | Observed smokestack on western adjacent site.   |

The 1964 and 1974 aerial photographs are of poor resolution and therefore were unable to be interpreted.

| <b>1977</b>                        |  |
|------------------------------------|--|
| Subject Site:                      | Three structures occupy the subject site. The large structures also appear surrounded by dwellings.  |
| Adjacent North:                    | N: Apparent residential dwellings observed across the current Atlantic Avenue.<br><br>NE: Apparent residential dwellings.  |
| Adjacent East:                     | Large rectangular structure.   |
| Adjacent South:                    | S: Wooded Land.<br>SE: Apparent residential dwellings.   |
| Adjacent West:                     | The site appears occupied by several structures with the main structure occupying the northern portion of the site. The site appears connected to the Neuse River with a small waterway. |
| Identified Environmental Concerns? | None identified  |

| <b>1978</b>     |   |
|-----------------|---|
| Subject Site:   | Three structures occupy the subject site. Building 3 appears to have expanded to the east and to the south. The expansion of Building 3 now incorporates one of the southern buildings. Additionally, Building 3 has incorporated the engine room, boiler room, and machine shop into the southwest portion of the building. The smaller structure (oil house) is no longer observed. The subject site is intersected from east to west by Manning Street. A chimney or smokestack is observed in the southwest corner of Building 3. |
| Adjacent North: | N: Apparent residential dwellings observed across the current Atlantic Avenue.<br><br>NE: Apparent residential dwellings.   |
| Adjacent East:  | Large rectangular structure.  |
| Adjacent South: | S: Wooded Land.<br>SE: Apparent residential dwellings.  |
| Adjacent West:  | The site appears occupied by several structures with the main structure occupying the northern portion of the site. The site appears connected to the Neuse River with a small waterway. Several  |

|                                    |  |
|------------------------------------|--|
|                                    | aboveground ground storage (ASTs) are observed on the western portion of the site. |
| Identified Environmental Concerns? | Large ASTs on western adjacent site.   |

| <b>1994 through 2006</b>           |  |
|------------------------------------|--|
| Subject Site:                      | The original Building 1 appears to have been demolished and replaced. The three structures which currently occupy the subject site are observed and the dwellings on the northern and eastern most portion of the site are no longer observed. |
| Adjacent North:                    | N: Apparent residential dwellings observed across the current Atlantic Avenue.<br><br>NE: Apparent residential dwellings.  |
| Adjacent East:                     | Apparent residential dwellings.  |
| Adjacent South:                    | S: Wooded land.<br><br>SE: Apparent residential dwellings.   |
| Adjacent West:                     | One structure is observed along the northern property boundary and another is observed along the eastern property boundary. The ASTs are no longer present and the site does not appear to be in use.  |
| Identified Environmental Concerns? | None identified  |

| <b>2008 through 2013</b>           |   |
|------------------------------------|---|
| Subject Site:                      | Current land use observed (2015).   |
| Adjacent North:                    | N: Current land use observed (2015).<br><br>NE: Current land use observed (2015). |
| Adjacent East:                     | Current land use observed (2015).   |
| Adjacent South:                    | S: Wooded land.<br><br>SE: Current land use observed (2015).                      |
| Adjacent West:                     | Current land use observed (2015).   |
| Identified Environmental Concerns? | None identified   |

### 5.6.2 Topographic Maps

Mid-Atlantic personnel reviewed historical topographic maps for the adjacent properties provided by EDR). The 1914 and 1916 topographic maps of Kinston show that the subject site is bounded to the north by a railroad track and that the north, east, and west adjacent properties are occupied by small structures. The south adjacent property appears to be undeveloped land. In the 1980/1983 topographic map the north and east adjacent properties are observed as urban built-up area of Kinston with the subject site is still shown as bounded to the north by a railroad track. The south adjacent property is shown as wooded land and the west adjacent property is shown as cleared undeveloped land. In the 1998 topographic map the subject site is bounded to the north by a railroad track and the north and east adjacent properties are shown as part of the urban built up land of Kinston. The south adjacent property is shown as wooded land. The west adjacent property is shown with three structures and part of a substation. The 2013 topographic map shows the subject site bounded to the north by a railroad and that the north, east, and west adjacent properties are part of the urban built up area of Kinston; however, no structures are shown. The south adjacent property is still shown as wooded land.

### 5.6.3 Sanborn® Maps

Historical Sanborn® fire insurance map coverage was reviewed by Mid-Atlantic. Our review of Sanborn Maps revealed the following information concerning the adjacent properties:

#### North Adjacent Properties

##### North

- **1914** – Area not mapped
- **1919, 1925, 1930, 1948** – Portion of area mapped, railroad shown. Vacant past railroad.
- **1958** – Railroad shown, two small structures shown labeled frozen food plant and freezer equipment storage.

##### Northeast

- **1914** – A small portion of the area is mapped which shows the site as the end of a railroad spur and the J.B. White Wood and Coal Yard. A coal pile is noted towards the southern portion of the site.
- **1919** – Railroad spur is still shown and the site is labeled as Collins and Taylor and is shown with a wood yard and large coal heap. A cooper shop is also noted on the property. Remaining area is shown as dwellings.
- **1925, 1930** – Railroad spur with a wood yard and coal heap. The site also has a sawing shed with gasoline engine. Remaining area is shown as dwellings.
- **1948** – Area shown as dwellings.
- **1958** – Glen Raven Baptist Church and dwellings.

Mid-Atlantic considers the industrial use of the northeast adjacent property as environmentally significant.

#### East Adjacent Property

*Note: Sanborn Map coverage was not provided by EDR for the east adjacent properties; however, Mid-Atlantic used the NC Live library access to search ProQuest's database of Sanborn Fire Insurance Maps for North Carolina to obtain information for east adjacent property.*

- **1919** – Export Leaf Tobacco Company warehouse. Remaining areas are shown as dwellings.

#### South Adjacent Properties

##### Southeast

- **1914** – Area unmapped.
- **1919** – Area shown as dwellings.
- **1925, 1930, 1948** – Mill Chapel.
- **1958** – Vacant.

*Note: The south adjacent properties have historically been wooded land and were not mapped.*

### West Adjacent Property

#### West

- **1914** – Norfolk Southern Railroad and a cotton warehouse and small stable.
- **1919** – City Water Works Pumping Station & Electric Light Plant. Site is shown with four boilers, a ninety foot chimney, and a separate building with two engines and two generators. Coal bin is located on western edge of property.
- **1925, 1930** - City Water Works Pumping Station & Electric Light Plant. Site is shown with two boilers and a coal pile towards the northwest property corner.
- **1948** - City Water Works Pumping Station & Electric Light Plant. No boilers shown; coal silo noted towards northwest portion of site.
- **1958** - City Water Works Pumping Station & Electric Light Plant. Coal silo still present towards northwest corner. Additionally five large oil tanks are observed along the western property edge. Concrete spillway with settling pond and cooling water canal shown on southern portion of property.

Mid-Atlantic considers the industrial use of the western adjacent property as environmentally significant.

#### **5.6.4 City Directories**

City directories were reviewed by EDR. Our review of the EDR data and additional historical city directories revealed the following information concerning the adjacent properties:

*North adjacent properties primarily observed as dwellings.*

*501 Dewey Street – Adjacent to the north*

- **1949** – Colonial Frozen Foods of Kinston

*Northeast adjacent property – No assigned address, identified as corner of Perry and Manning*

- **1924, 1928** – White's Wood and Coal Yard.

*East adjacent properties are observed as dwellings*

*The south adjacent parcels have historically been wooded land and were not identified on city directories.*

*The parcel adjacent to the west is not assigned a current address; however, it was identified under various addresses on city directories.*

- **1924** – Kinston City Light and Water Works (West end Atlantic Avenue)
- **1928** – City Electric Light Plant (Listed between 714 and 800 Atlantic Avenue)
- **1936, 1949** – City Light and Water Department (900 Atlantic Avenue)
- **1964, 1968, 1972, 1977** – City Light and Water Department (900 Atlantic Avenue)
- **1982** – City Light and Water Department (900 Atlantic Avenue)  
City Public Utilities Department Plant Department (900 Manning Street)  
City Department Electric Distributors (900 Manning Street)

- **1987** – Vacant (900 Atlantic Avenue)  
City Public Utilities Department Plant Department (900 Manning Street)  
City Department Electric Distributors (900 Manning Street)

The following uses of adjacent properties are considered environmentally significant:

- Former White's Wood and Coal Yard located on the east adjacent property from at least 1928 to 1928; and
- Former City Light and Water Department located on the west adjacent property from at least 1924 to 1987.

## 6.0 Site Reconnaissance

### 6.1 Methodology and Limiting Conditions

On December 14, 2015, Mid-Atlantic personnel conducted a physical/visual reconnaissance of the subject site and the surrounding area. Mid-Atlantic was accompanied on our site walkover by Mr. Chuck Wade of McConnell Holdings, maintenance supervisor for the subject site. Photographs taken during Mid-Atlantic's site reconnaissance are included in **Appendix 15.3**.

### 6.2 General Site Setting, Structures, and Utilities

The subject site consists of one parcel that totals approximately 11.7 acres of land and recorded as Parcel ID number 452513047216 by the Lenoir County Tax Office. The subject site is currently zoned I-1 by the City of Kinston Planning Department and is located in a FEMA 100-year Flood Zone. At the time of site inspection, the majority of the subject site was occupied by the former Glen Raven Mill, with a small office building located further to the north. In addition, a warehouse was located west of the former mill and is currently being rented out to National Spinning Company. Vehicular access is provided to the site from the north by Hood Street. The subject site is currently provided water services by the City of Kinston Public Works and Utilities Department and sewer and power services are provided by the City of Kinston and Duke Energy, respectively.

### 6.3 Exterior Observations

#### 6.3.1 Pits, Ponds, or Lagoons

Mid-Atlantic personnel observed no evidence of pits, ponds, or lagoons on the subject site.

#### 6.3.2 Stained Soil or Pavement/Stressed Vegetation

Mid-Atlantic personnel observed no evidence of stained soil or pavement, or stressed vegetation along the exterior portions of the subject site.

#### 6.3.3 Solid Waste

Mid-Atlantic personnel observed several weathered wood pallets and boards, approximately 5 metal carts, and miscellaneous trash and debris in various locations at the subject site. We did not observe evidence that solid waste was buried at the site.

#### **6.3.4 Wastewater**

Based on interview information (**Section 7.1**) the site is served by the municipal sewer system and the only wastewater generated at the site was from the site bathrooms.

#### **6.3.5 Wells**

The subject site and its surrounding properties are provided with water services from the City of Kinston Public Works and Utilities Department. Mid-Atlantic personnel did not observe evidence of water-supply wells or monitoring wells on the subject site.

#### **6.3.6 Septic Systems**

Based on interview information (**Section 7.1**) the site has not had a septic system and is provided with sewer services from the City of Kinston Public Works and Utilities Department. Mid-Atlantic personnel did not observe evidence of a septic system on the subject site.

#### **6.3.7 Storage Tanks/Vessels**

Mid-Atlantic personnel observed one large propane AST located south of the former mill.

#### **6.3.8 PCBs**

Older transformers and other electrical equipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Mid-Atlantic personnel observed a total of eight transformers on the subject site. A group of three pole transformers were observed on the southern portion of the site, near the southwest corner of the Building 3. Two pole mounted transformers were observed on the southern portion of the site, near the center of Building 3. Additionally, two pole mounted transformers were observed in the central portion of the site, near the northwest corner of Building 3. Two single transformers, one mounted on the southern wall, and one mounted on the northern wall, were observed in poor condition. Mid-Atlantic did not observe evidence of a release to the environment from the transformers.

#### **6.3.9 Surrounding Land Use**

The subject site is bounded to the north, across Atlantic Avenue and the North Carolina Railroad Corridor Line, by the former Church at Kinston (north) and residential dwellings (northeast/northwest); to the northeast by the Glen Raven Baptist Church; to the northeast, across Manning Street, by residential dwellings and the former Raven's Nest Community Outreach Center; to the east and southeast, across Perry Street, by residential dwellings; to the south by wooded land and the Neuse River; and to the west by a storage yard (former power plant) owned by the City of Kinston.

#### **6.3.10 Other Evidence of Environmental Impacts**

Mid-Atlantic did not observe other evidence of past, current or future activities on the exterior portions of the site that could potentially have an adverse environmental impact on the subject site.

## 6.4 Interior Observations

Mid-Atlantic was able to access each of the structures on site. A brief description of each structure is provided below with the structures denoted on **Drawing 15.2**:

- **Building 1** – This building is occupied by National Spinning Company who blend and bale raw yarn before spinning is performed. The building was mostly occupied by bundles of raw yarn and equipment associated with the baling and blending process.
- **Building 2** – This building is developed with two office spaces and a bathroom. The building is currently unoccupied.
- **Building 3** – The former textile factory was mainly empty but did contain over forty spinning machines, industrial air filtration equipment, two electric elevators, chillers, etc. Structural damage was observed in the roof and floor in several locations throughout the mill.

### 6.4.1 Heating and Cooling Systems

Historically, the mill was cooled with industrial air-cooled chillers and was heated with coal and the warmth that the industrial equipment provided during operation. No evidence of heating oil storage tanks were observed. Numerous coal-fired furnaces were observed in the basement of the facility.

### 6.4.2 Staining and Chemical Storage/Use

Mid-Atlantic observed over 40 spinning machines on the first floor of Building 3, many of which reportedly still contain small quantities of oil. We also observed evidence of oil staining on the machines and on areas of wood and concrete beneath the machines. Water staining was also observed in several areas and was likely associated with the roof and floor damage.

The basement of Building 3, located primarily beneath the south/southwest portion of the building, contained storage areas and numerous coal-fired furnaces/firepits. Most of these areas were underlain by concrete floors which were stained dark from previous uses. We observed several drums and/or barrels labeled used oil, lubing oil, and dye barrels. Several barrels in the room located east of the furnaces had deteriorated and were leaking onto the concrete floor.

Two containers of cleaner & degreaser and one container of lubing oil were located inside of the warehouse (Building 1) and were associated with the cotton blending and baling process. Two empty hydraulic oil tanks were also observed inside of the warehouse. These were reportedly used with previous blending/baling equipment.

### 6.4.3 Drains and Sumps

Mid-Atlantic observed several floor drains inside of the former mill that reportedly lead to the municipal storm system. According to interview information, it is possible that roof drainage from the mill discharges into the Neuse River located further to the south. No floor drains are present inside the office or warehouse.

### 6.4.4 Other Evidence of Environmental Impacts

Mid-Atlantic did not observe other evidence of environmental impacts.

## **7.0 Interviews**

### **7.1 Interview with Owner**

During our site visit, Mid-Atlantic interviewed Mr. Ward McConnell, current owner of the subject site, and Mr. Dwight Barfield, current property supervisor for the site. Mr. McConnell purchased the site in April 2005 and prior to his purchase the site historically operated as Glen Raven Mill, a yarn production facility. The Glen Raven Mill sold its yarn facility to National Spinning Company in 2002. National Spinning Company closed down the factory approximately two years ago; however, the company still operates out of the warehouse located on-site (Building 1). Mr. McConnell and Mr. Barfield stated that they have no knowledge of the historical and/or current presence of USTs, water supply wells or monitoring wells at the subject site. Mr. McConnell and Mr. Barfield notified Mid-Atlantic that, to the best of their knowledge, no chemicals have ever been used on-site. Mr. McConnell did mention that some of the industrial equipment located inside of the mill are currently filled with small quantities of oil. Mr. McConnell stated that his only involvement with the property is leasing out the warehouse that is currently occupied by National Spinning Company. Mr. McConnell and Mr. Barfield were not aware of any buried solid waste or dumping at the subject site and knew of no releases or environmental issues associated with the subject site.

### **7.2 Interview with Site Manager**

Mr. Dwight Barfield, property supervisor for the site, also contributed to the interview information provided in **Section 7.1**.

### **7.3 Interview with Occupants**

During our site visit, Mid-Atlantic interviewed Mr. Harry Smith, current machine operator for National Spinning Company. Mr. Smith stated that he has been with National Spinning Company for approximately 11 years. Mr. Smith notified Mid-Atlantic that the building currently both blends and ships out raw yarn. Mr. Smith stated that dyeing operations were not conducted at the site and no chemicals were stored or used inside of the building. Two aboveground hydraulic oil tanks were observed in the building, but were empty according to Mr. Smith. These tanks were associated with the older blending equipment used at the site. Mr. Smith was not aware of any buried solid waste or dumping at the subject site and knew of no releases or environmental issues associated with the subject site.

### **7.4 Interview with Others**

Mid-Atlantic did not conduct interviews with others as part of this PESA.

### **7.5 Interviews with Local Government Officials**

Mid-Atlantic contacted Mr. Don Crawford, Assistant Fire Chief for the City of Kinston, for information regarding emergency response, hazardous material spills, and leaks or other environmental incidents at the subject site or surrounding properties. Mr. Crawford, who has been

with the City of Kinston Fire Department for approximately 30 years, stated that there were no records regarding the subject site or surrounding properties.

## 8.0 Findings

The following known/potential RECs, historical RECs, controlled RECs, and/or *de minimis* conditions were identified on the subject site during the performance of this PESA:

- The historical operation of the subject site as a cotton/spinning mill since at least 1914 until approximately 2002.

The following known/potential RECs, historical RECs and/or *de minimis* conditions were identified on the surrounding, off-site properties during the performance of this PESA:

- The historical industrial use of the northeast adjacent property, including storage and use of coal; and
- The documented release of petroleum and historical use of the west adjacent property as the City Water Works and Electric Light Plant (power plant).

## 9.0 Opinion

### 9.1 Environmental Concerns and Opinions.

The subject site was been used as a cotton/spinning mill from at least 1914 until approximately 2002. We did not uncover evidence of dyeing/finishing operations at the site or the storage/use of large quantities of petroleum or solvents; however, small quantities of oil, degreasers, etc. were used at the site to operate and maintain the equipment. Many of the machines inside the main mill building (Building 3) still contain small quantities of oil. We also observed areas of stained flooring and concrete beneath the machines on the first floor of the main mill building and in the basement around the coal-fired furnaces and in the vicinity of several leaking 55-gallon drums. These areas constitute evidence of releases or products under conditions that pose a material threat of a future release and as such are considered RECs.

Based on review of historical information, the following areas of the subject site are considered environmentally significant.

- The historical storage and use of coal at the southwest portion of the main mill building;
- The engine room, boiler room and machine shop located at the southwest portion of the main mill building;
- The waste house formerly located southwest of the main mill building; and
- The oil house located south of the main mill building.

The historical operations typically associated with these areas have the potential to result in a release(s) at the subject site and as such are considered RECs.

Based on review of historical Sanborn maps, the northeast adjacent property operated as a coal and wood storage yard from as early as 1914 until at least 1930. The Sanborn maps show that

the site contained a large coal heap which was located approximately 40 feet from the subject site. Additionally, the former coal company was located topographically upgradient of the subject site. Based on this information, Mid-Atlantic considers the former operation of the coal yard on the northeast adjacent property as a REC.

The west adjacent property was identified as the former City Light and Water Department on historical Sanborn maps and city directories. Additionally, the site was identified on the LUST database for a petroleum release which occurred in 1990. Based on the results of the assessment activities performed by OMNI, soil and groundwater contamination associated with the UST release is no longer present at levels above regulatory standards. However, the long-term industrial use of this site has the potential to adversely impact the subject site. As such, we consider this adjacent site a REC.

## 9.2 Data Gaps

A data gap is a lack of or inability to obtain information despite good faith efforts. A PESA report should identify and comment on significant data gaps when they affect the Environmental Professional's ability to identify RECs. The Environmental Professional must also identify the sources of information that were consulted to address these significant data gaps. Although data gaps were encountered in the review of historical information during performance of this PESA, none of these were considered significant as they did not hinder our ability to identify the RECs on the subject site).

## 10.0 Conclusions and Recommendations

### 10.1 Conclusions

Mid-Atlantic has performed this PESA in general conformance with the scope and limitations of ASTM Practice E 1527-13 and 40 CFR Part 312. Any exceptions to, or deletions from, these practices are described in **Section 2.4** and **Section 11.0** of this report. This assessment has revealed no evidence of RECs in connection with the subject site except for the following:

- The historical operation of the subject site as a cotton/spinning mill since at least 1914 until approximately 2002;
- The historical industrial use of the northeast adjacent property, including storage and use of coal; and
- The documented release of petroleum and historical use of the west adjacent property as the City Water Works and Electric Light Plant (power plant).

Particular areas of interest noted on the subject site include the following:

- The observed areas of oil staining around the machines on the first floor of the main mill building (Building 3) and in the basement of the main mill building;
- The historical storage and use of coal at the southwest portion of the main mill building;
- The engine room, boiler room and machine shop located at the southwest portion of the main mill building (portions of which appear to have been removed);
- The waste house formerly located southwest of the main mill building; and
- The oil house located south of the main mill building.

## 10.2 Recommendations

40 CFR Part 112 requires environmental professionals to consider the information collected during performance of this PESA and render an opinion as to whether additional investigation is necessary to detect contamination. Based on information currently available for the subject site, it is our opinion that additional investigation would be necessary to determine if the site has been adversely impacted by on-site and/or off-site operations.

## 11.0 Deviations

This PESA substantially complies with the scope of services and ASTM E 1527-13, as amended, except for exceptions and /or limiting conditions as discussed in **Section 2.4**.

## 12.0 Additional Services

Mid-Atlantic did not conduct additional services during the performance of this assessment.

## 13.0 References

The following sources were used during performance of this PESA:

- USGS Topographic Quadrangle Map of Kinston, North Carolina, published in 2013 (**Appendix 15.1**);
- *Geologic Map of North Carolina*, North Carolina Geologic Survey, 1985;
- *The EDR Radius Map Report*, Environmental Data Resources, Inc. (**Appendix 15.5**);
- USGS Historical Topographic Maps obtained from the National Map ([nationalmap.gov/historical](http://nationalmap.gov/historical)) (**Appendix 15.4**);
- EDR Historical Topographic Maps Report (**Appendix 15.4**);
- EDR City Directory Abstract (**Appendix 15.4**);
- EDR Sanborn® Map Report (**Appendix 15.4**);
- EDR Aerial Photo Decade Package (**Appendix 15.4**);
- Aerial photographs of the subject site from 1994, 1998, 2008, and 2013 provided in digital form by Google Earth (**Appendix 15.4**);
- Aerial photographs of the subject site from 1959 and 1979 provided in digital form by NCDOT (**Appendix 15.4**);
- *Request for Site Closure*, prepared by OMNI Professional Environmental Associates, P.A. – Washington, North Carolina, July 2000 (**Appendix 15.9**).

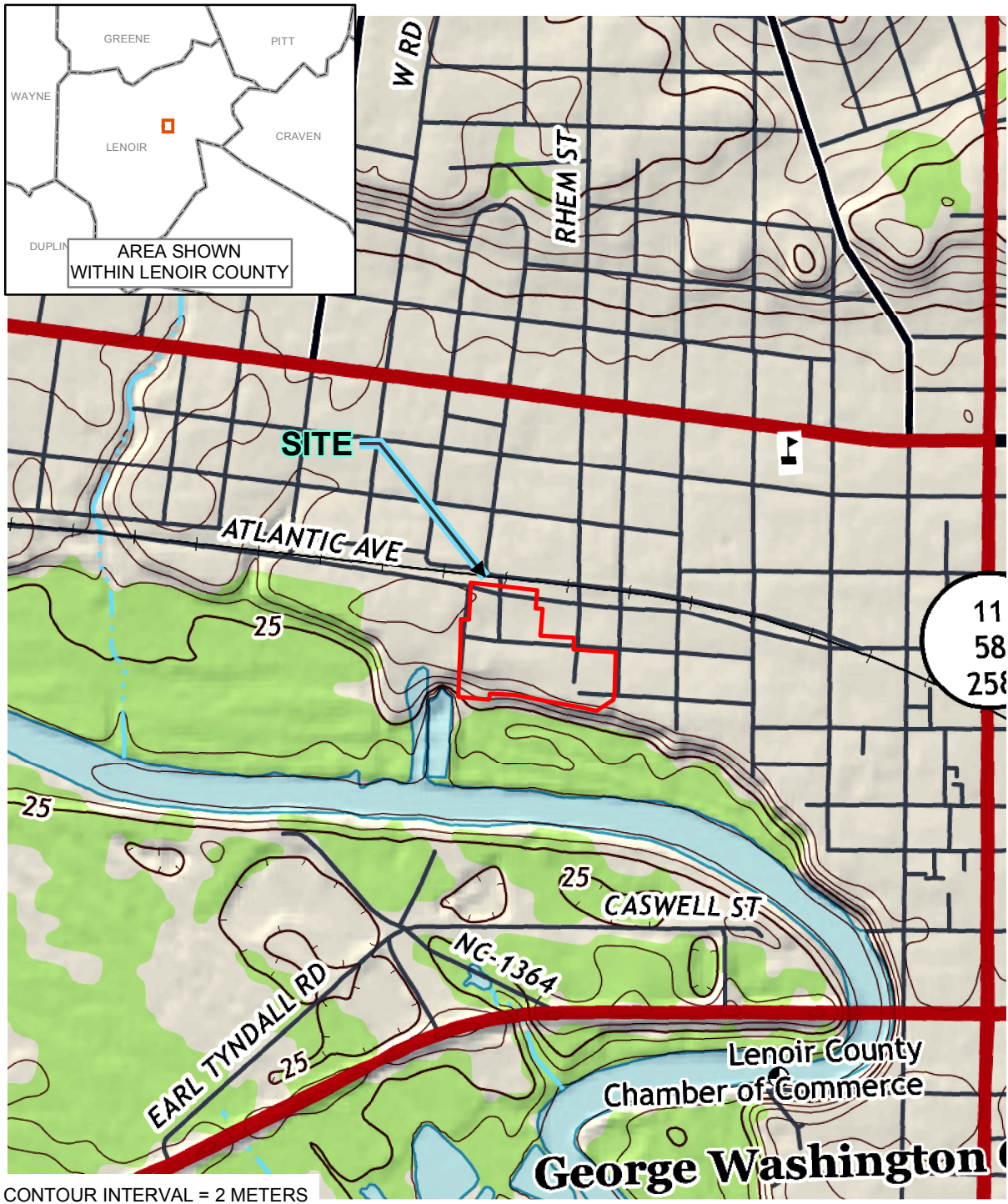
## 14.0 Qualifications of Environmental Professionals

All phases of this PESA were conducted, completed and reviewed by qualified Mid-Atlantic personnel experienced in conducting PESAs on similar sites. Summaries of the experience of those conducting this PESA are included in **Appendix 15.8**.

## 15.0 Appendices

## **Appendix 15.1**

### **Topographic Site Map**



CONTOUR INTERVAL = 2 METERS

REFERENCES:

1. KINSTON, NC DIGITAL RASTER GRAPHIC, USGS. SCANNED FROM 1:12,000-SCALE KINSTON, NC TOPOGRAPHIC MAP, PUBLISHED 2013, USGS.
2. INSET MAP DIGITAL DATA FROM 2002 NATIONAL TRANSPORTATION ATLAS, BUREAU OF TRANSPORTATION STATISTICS, WASHINGTON, D.C.

SCALE: 1:12,000

0 1,000 2,000 Feet



TOPOGRAPHIC SITE MAP  
FORMER GLEN RAVEN MILL  
800 MANNING STREET  
KINSTON, NORTH CAROLINA

|                     |                             |
|---------------------|-----------------------------|
| DRAWN BY: <i>GH</i> | DATE: DECEMBER 2015         |
| DRAFT CHECK:        | JOB NO: 000R2611.00 T4050   |
| ENG. CHECK:         | GIS NO: 04G-R2611.00-4050-1 |
| APPROVAL:           | DWG NO: 15.1                |

## **Appendix 15.2**

### **Site Map**



SITE MAP  
FORMER GLEN RAVEN MILL  
800 MANNING STREET  
KINSTON, NORTH CAROLINA

|                     |                               |
|---------------------|-------------------------------|
| DRAWN BY: <i>JS</i> | DATE: DECEMBER 2015           |
| DRAFT CHECK BY:     | JOB NO.: 000R2611.00          |
| ENGINEER CHECK BY:  | GIS NO.: 04G-R2611.00-T4050-2 |
| APPROVED BY:        | DRAWING NO.: 15.2             |

## **Appendix 15.3**

### **Site Photographs**



Photo 1 – Former Glen Raven Mill



Photo 2 – North adjacent properties, view to northwest



Photo 3 – Glen Raven Baptist Church, view to northwest



Photo 4 – East adjacent properties, view to southeast



Photo 5 – West adjacent property, view to southwest



Photo 6 – View of the office building (brick), former Glen Raven Mill (left), and warehouse (right)



Photo 7 – Former Raven's Nest, view to northeast



Photo 8 – Stained concrete and leaky drum inside former mill (basement)



Photo 9 – View of coal furnaces located in the basement of the former mill



Photo 10 – Oil staining observed on textile machinery



Photo 11 – View of lubricants inside former mill



Photo 12 – Wall staining observed in the former mill



Photo 13 – Spinning machines inside of the former mill



Photo 14 – View of the bailing equipment inside the warehouse (Building 1)



Photo 15 – Interior view of the warehouse



Photo 16 – View of the air AST and the machine shop inside the former mill



Photo 17 – View of 3 transformers at the southwest corner of Building 3



Photo 18 – Interior view of the office building

## **Appendix 15.4**

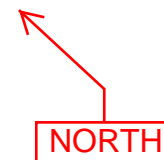
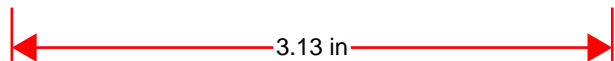
### **Historical Research Documentation**



1959



1000 Feet



Source: NCDOT

8-59

11-10-10

8.12591

M-3

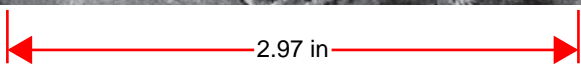
57



1978



NORTH



1000 Feet

Source: NCDOT



12-29-78

1" 2000'

M 1426

15

62°51' 30"

1994

GOOGLE EARTH

Google earth

Image U.S. Geological Survey



1000 ft

1998

GOOGLE EARTH

Google earth

Image U.S. Geological Survey

1000 ft



2008

GOOGLE EARTH

W Washington

Google earth

700 ft

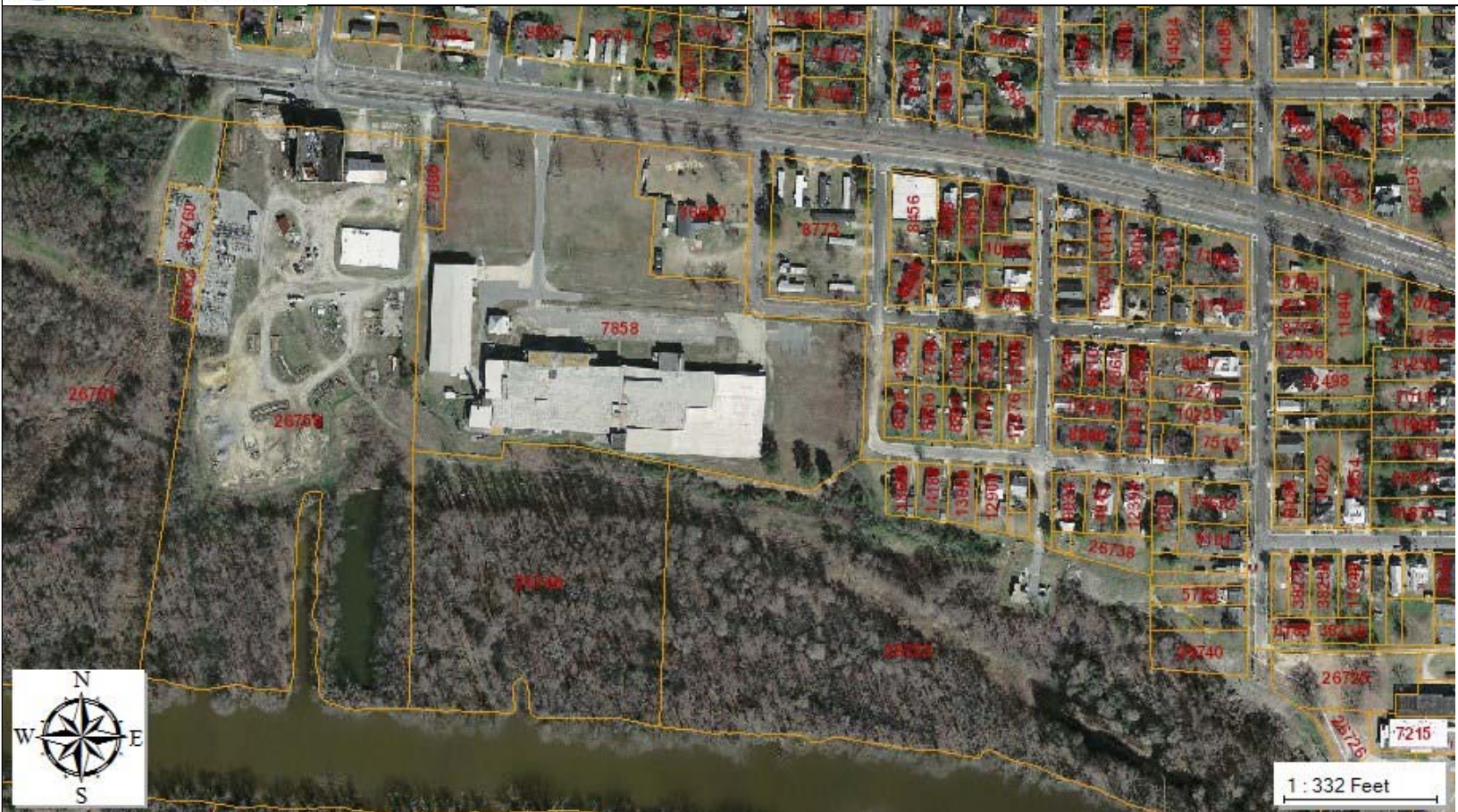


2013  
GOOGLE EARTH



Google earth





Welcome to Lenoir County's NEW Mapping Service. PLEASE NOTE: The Parcel Record Number is NOT the PIN. Searching the Parcel Record Numbers for a 12 digit number will result in an error!



**Former Glen Raven Mills**

800 Manning Street

Kinston, NC 28501

Inquiry Number: 4479037.9

December 01, 2015

## The EDR Aerial Photo Decade Package



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Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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Please contact EDR at 1-800-352-0050  
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**Date EDR Searched Historical Sources:**

Aerial Photography December 01, 2015

**Target Property:**

800 Manning Street

Kinston, NC 28501

| <u><i>Year</i></u> | <u><i>Scale</i></u>                | <u><i>Details</i></u>                       | <u><i>Source</i></u> |
|--------------------|------------------------------------|---|----------------------|
| 1937               | Aerial Photograph. Scale: 1"=500'  | Flight Date: January 01, 1937               | EDR                  |
| 1942               | Aerial Photograph. Scale: 1"=1000' | Flight Date: January 12, 1942               | EDR                  |
| 1956               | Aerial Photograph. Scale: 1"=500'  | Flight Date: December 29, 1956              | EDR                  |
| 1964               | Aerial Photograph. Scale: 1"=500'  | Flight Date: April 01, 1964                 | EDR                  |
| 1974               | Aerial Photograph. Scale: 1"=500'  | Flight Date: April 10, 1974                 | EDR                  |
| 1977               | Aerial Photograph. Scale: 1"=750'  | Flight Date: January 23, 1977               | EDR                  |
| 1994               | Aerial Photograph. Scale: 1"=500'  | DOQQ - acquisition dates: February 27, 1994 | USGS/DOQQ            |
| 1999               | Aerial Photograph. Scale: 1"=500'  | Flight Date: September 18, 1999             | USGS                 |
| 2005               | Aerial Photograph. Scale: 1"=500'  | Flight Year: 2005                           | USDA/NAIP            |
| 2006               | Aerial Photograph. Scale: 1"=500'  | Flight Year: 2006                           | USDA/NAIP            |
| 2008               | Aerial Photograph. Scale: 1"=500'  | Flight Year: 2008                           | USDA/NAIP            |
| 2009               | Aerial Photograph. Scale: 1"=500'  | Flight Year: 2009                           | USDA/NAIP            |
| 2010               | Aerial Photograph. Scale: 1"=500'  | Flight Year: 2010                           | USDA/NAIP            |
| 2012               | Aerial Photograph. Scale: 1"=500'  | Flight Year: 2012                           | USDA/NAIP            |



INQUIRY #: 4479037.9

YEAR: 1937

| = 500'





INQUIRY #: 4479037.9

YEAR: 1942

| = 1000'





INQUIRY #: 4479037.9

YEAR: 1956

| = 500'





**INQUIRY #:** 4479037.9

**YEAR:** 1964

| = 500'





**INQUIRY #:** 4479037.9

**YEAR:** 1974

| = 500'





INQUIRY #: 4479037.9

YEAR: 1977

| = 750'





INQUIRY #: 4479037.9

YEAR: 1994

| = 500'





**INQUIRY #:** 4479037.9

**YEAR:** 1999

| = 500'





INQUIRY #: 4479037.9

YEAR: 2005

| = 500'





INQUIRY #: 4479037.9

YEAR: 2006

| = 500'





INQUIRY #: 4479037.9

YEAR: 2008

| = 500'





**INQUIRY #:** 4479037.9

**YEAR:** 2009

| = 500'





INQUIRY #: 4479037.9

YEAR: 2010

| = 500'






INQUIRY #: 4479037.9

YEAR: 2012

| = 500'





Former Glen Raven Mills

800 Manning Street

Kinston, NC 28501

Inquiry Number: 4479037.4

November 30, 2015

# EDR Historical Topo Map Report

## with QuadMatch™



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Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

11/30/15

**Site Name:**

Former Glen Raven Mills  
800 Manning Street  
Kinston, NC 28501  
EDR Inquiry # 4479037.4

**Client Name:**

Mid-Atlantic Associates  
409 Rogers View Ct  
Raleigh, NC 27610  
Contact: Gregory Hutchins



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Mid-Atlantic Associates 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:**

**Site Name:** Former Glen Raven Mills  
**Address:** 800 Manning Street  
**City, State, Zip:** Kinston, NC 28501  
**P.O.#** NA  
**Project:** Former Glen Raven Mill

**Latitude:** 35.2651 35° 15' 54" North  
**Longitude:** -77.5907 -77° 35' 27" West  
**UTM Zone:** Zone 18 North  
**UTM X Meters:** 264332.33  
**UTM Y Meters:** 3905519.70  
**Elevation:** 44.00' above sea level

**Maps Provided:**

2013  
1998  
1980, 1983  
1916  
1914

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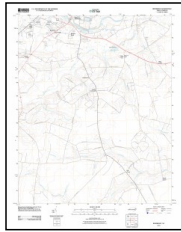
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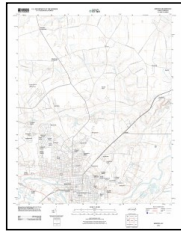
## Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2013 Source Sheets



Rivermont  
2013  
7.5-minute, 24000

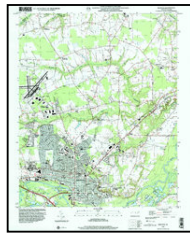


Kinston  
2013  
7.5-minute, 24000

### 1998 Source Sheets



Rivermont  
1998  
7.5-minute, 24000  
Aerial Photo Revised 1998

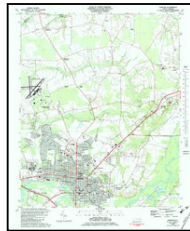


Kinston  
1998  
7.5-minute, 24000  
Aerial Photo Revised 1998

### 1980, 1983 Source Sheets

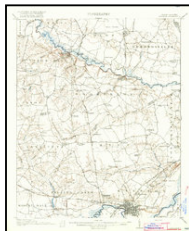


Rivermont  
1980  
7.5-minute, 24000  
Aerial Photo Revised 1977  
Edited 1980



Kinston  
1983  
7.5-minute, 24000  
Aerial Photo Revised 1977  
Edited 1983

### 1916 Source Sheets

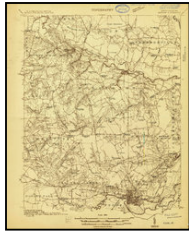


Kinston  
1916  
15-minute, 62500

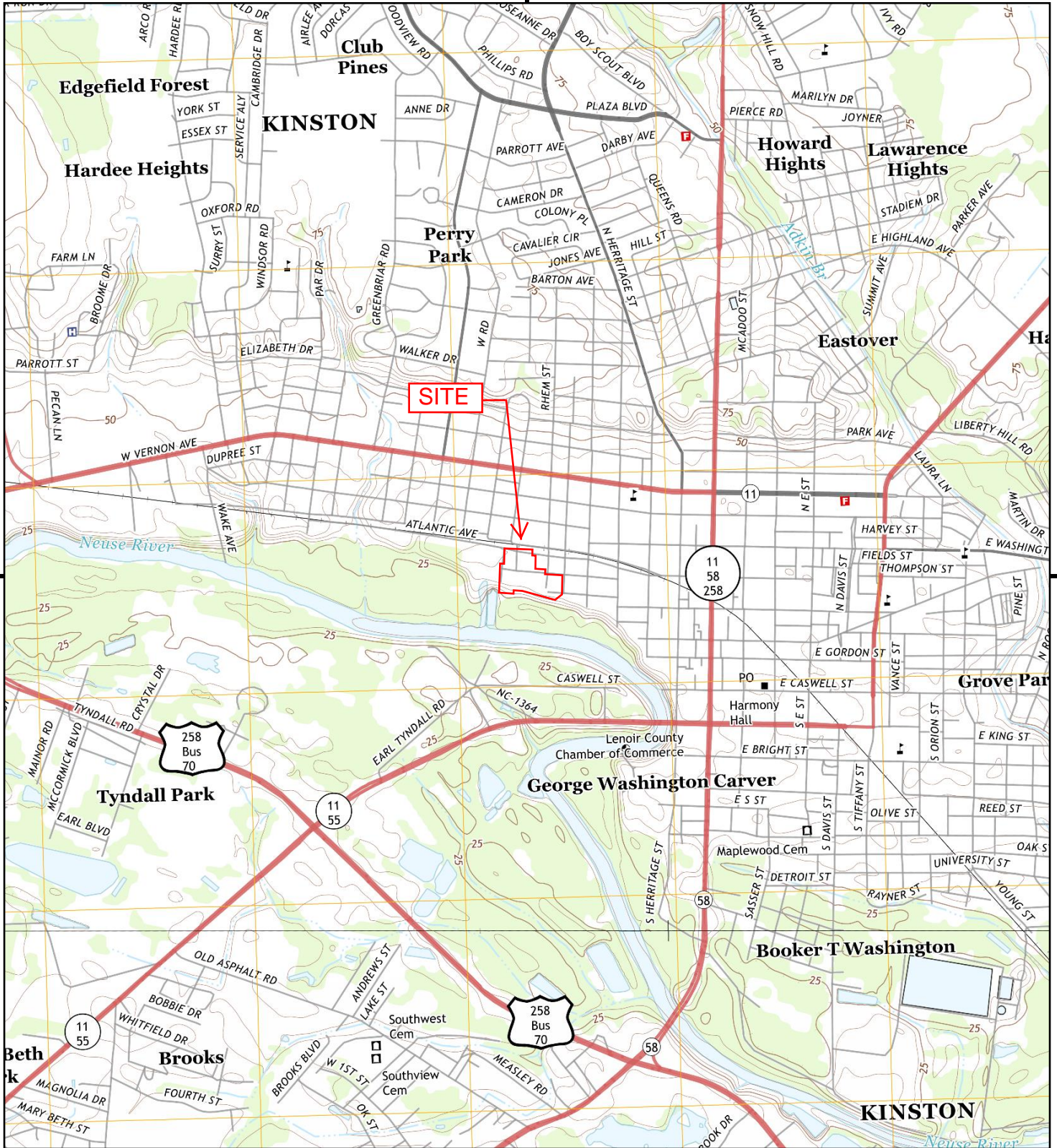
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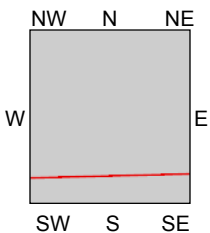
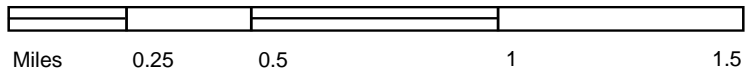
### **1914 Source Sheets**



Kinston  
1914  
15-minute, 48000



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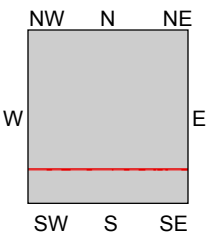
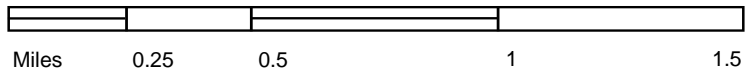
TP, Kinston, 2013, 7.5-minute  
S, Rivermont, 2013, 7.5-minute

**SITE NAME:** Former Glen Raven Mills  
**ADDRESS:** 800 Manning Street  
Kinston, NC 28501  
**CLIENT:** Mid-Atlantic Associates





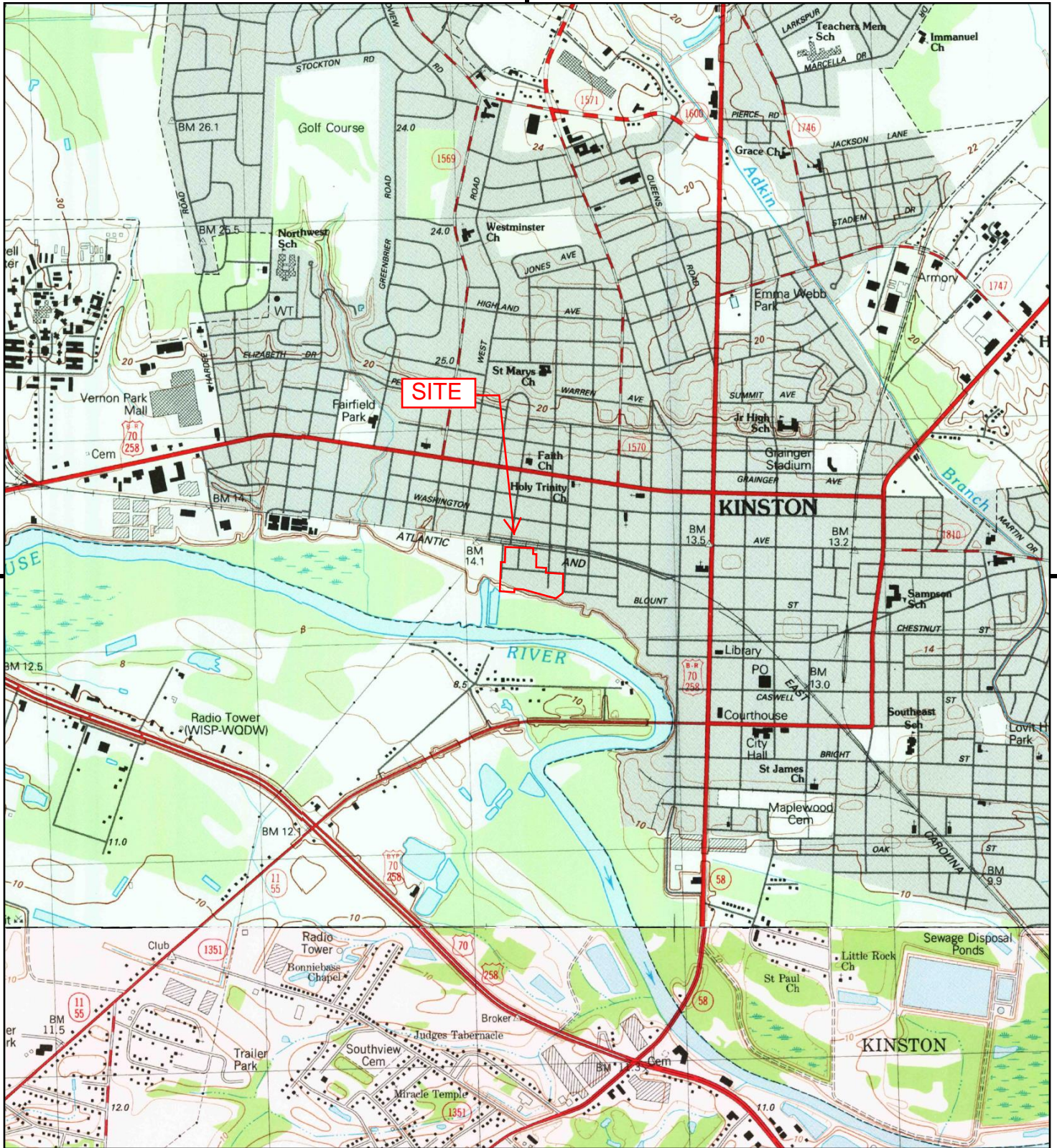
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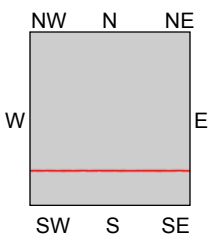
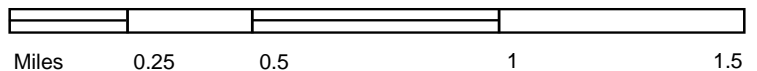
TP, Kinston, 1998, 7.5-minute  
S, Rivermont, 1998, 7.5-minute

SITE NAME: Former Glen Raven Mills  
ADDRESS: 800 Manning Street  
Kinston, NC 28501  
CLIENT: Mid-Atlantic Associates





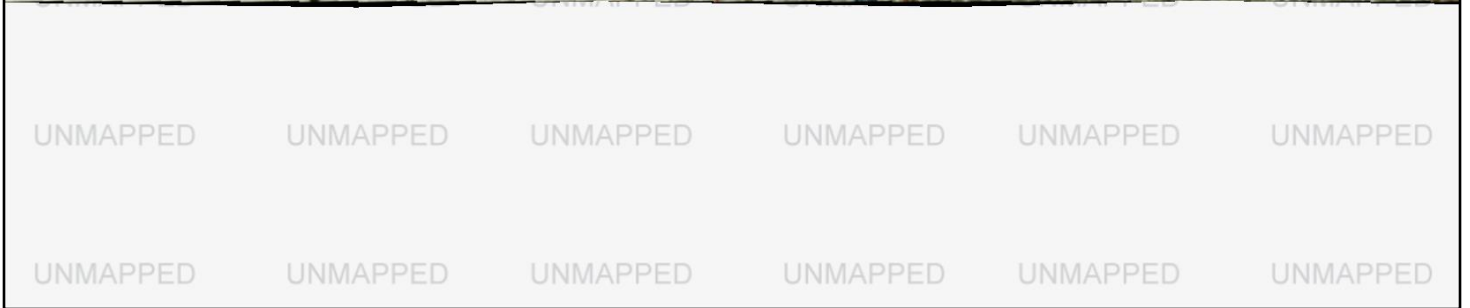
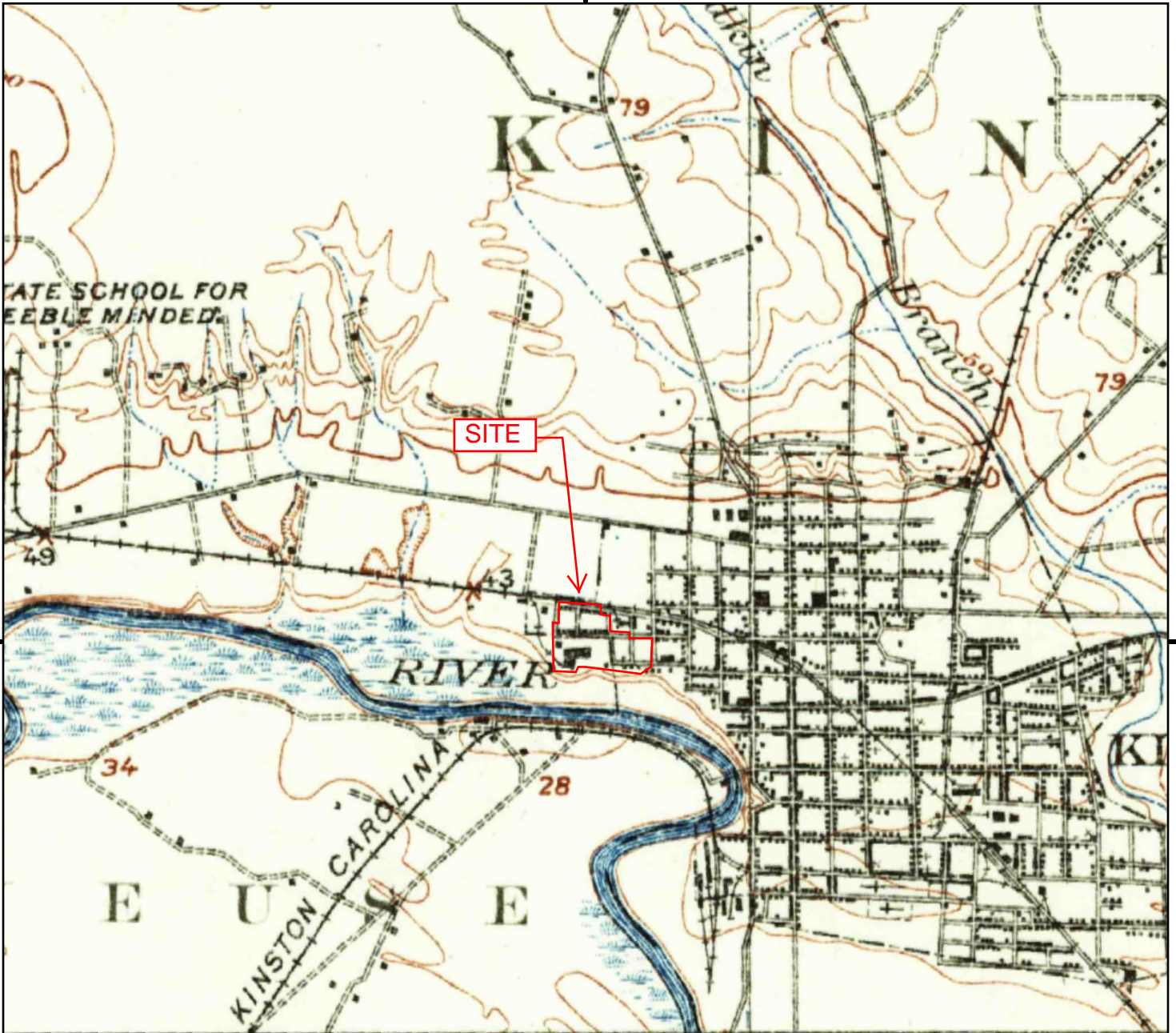
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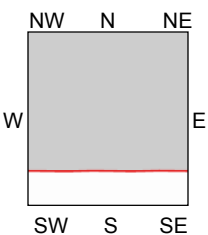
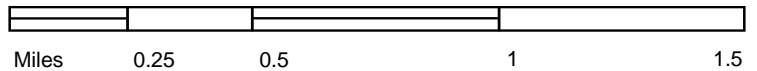
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S, Rivermont, 1980, 7.5-minute

SITE NAME: Former Glen Raven Mills  
ADDRESS: 800 Manning Street  
Kinston, NC 28501  
CLIENT: Mid-Atlantic Associates





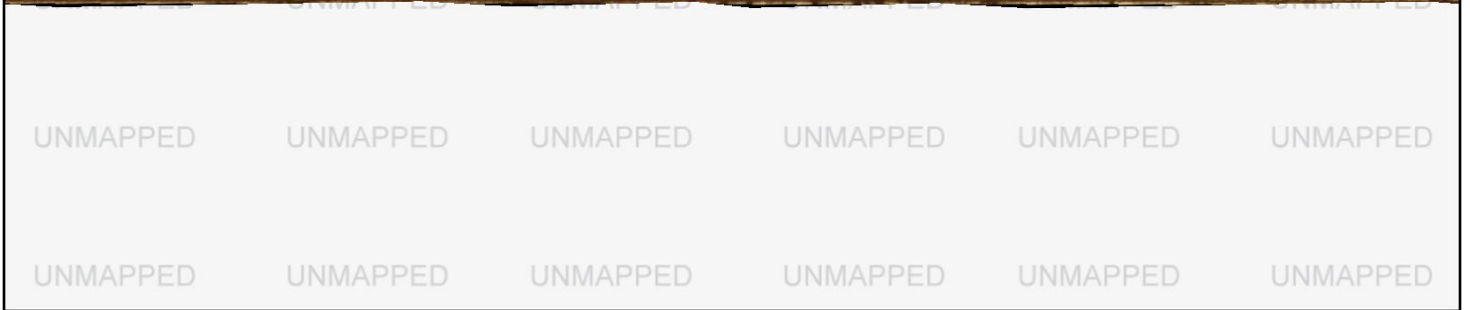
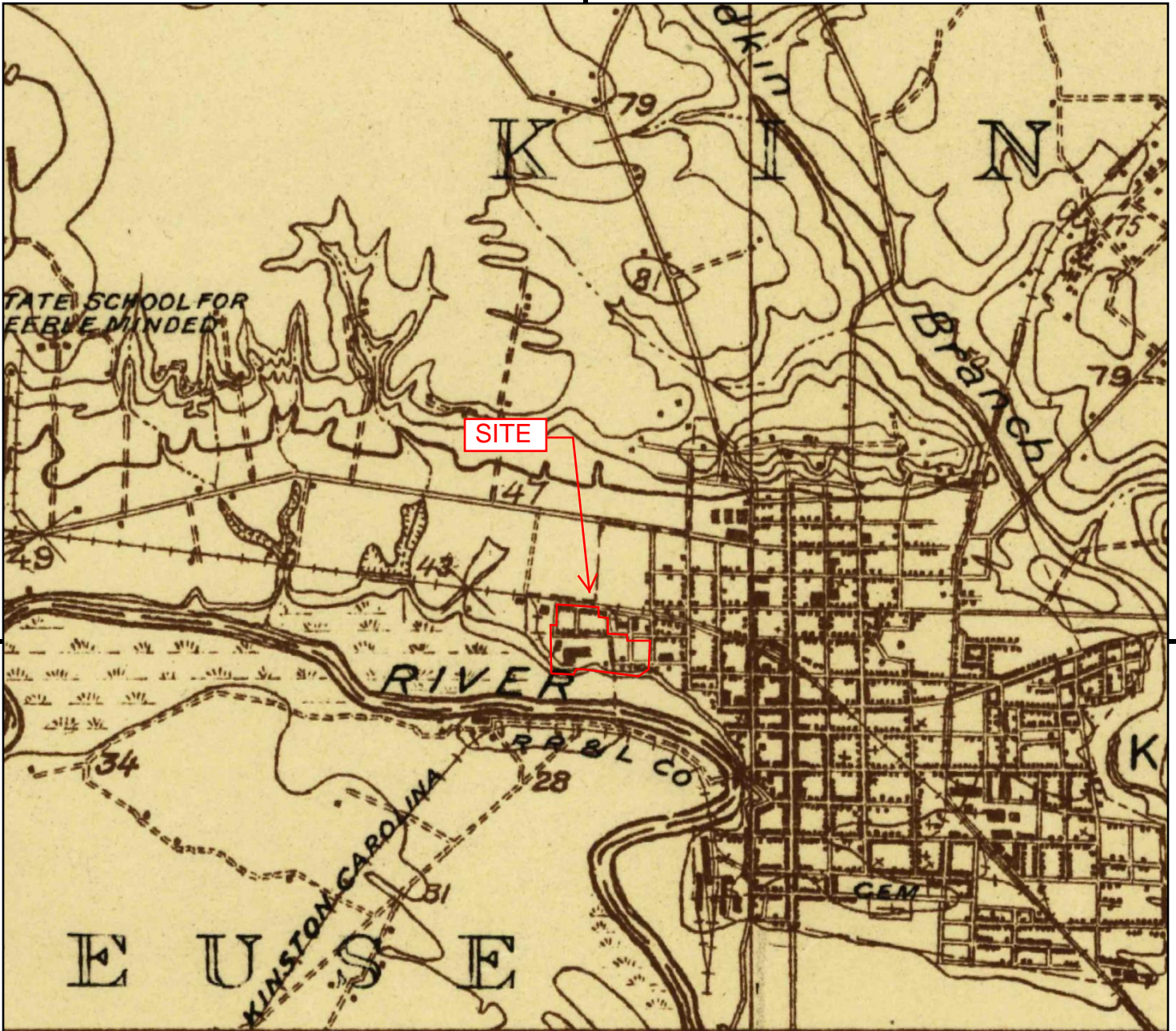
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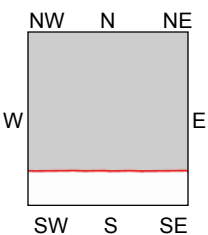
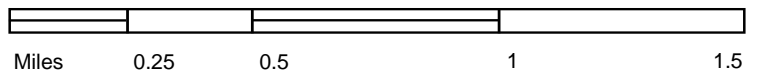
TP, Kinston, 1916, 15-minute

SITE NAME: Former Glen Raven Mills  
 ADDRESS: 800 Manning Street  
 Kinston, NC 28501  
 CLIENT: Mid-Atlantic Associates





This report includes information from the following map sheet(s).



TP, Kinston, 1914, 15-minute

SITE NAME: Former Glen Raven Mills  
 ADDRESS: 800 Manning Street  
 Kinston, NC 28501  
 CLIENT: Mid-Atlantic Associates





**Former Glen Raven Mills**

800 Manning Street

Kinston, NC 28501

Inquiry Number: 4479037.3

December 01, 2015

## Certified Sanborn® Map Report



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Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## Certified Sanborn® Map Report

12/01/15

**Site Name:**

Former Glen Raven Mills  
800 Manning Street  
Kinston, NC 28501

**Client Name:**

Mid-Atlantic Associates  
409 Rogers View Ct  
Raleigh, NC 27610



EDR Inquiry # 4479037.3

Contact: Gregory Hutchins

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### Certified Sanborn Results:

**Site Name:** Former Glen Raven Mills  
**Address:** 800 Manning Street  
**City, State, Zip:** Kinston, NC 28501  
**Cross Street:**  
**P.O. #** NA  
**Project:** Former Glen Raven Mill  
**Certification #** B96E-40D7-AE1F



Sanborn® Library search results  
Certification # B96E-40D7-AE1F

**Maps Provided:**

1958  
1948  
1930  
1925  
1919  
1914

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

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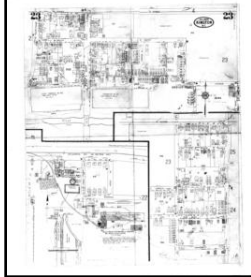
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### 1958 Source Sheets



Volume 1, Sheet 22

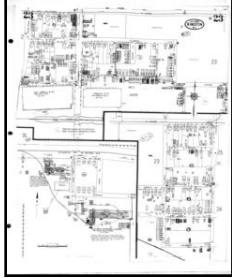


Volume 1, Sheet 23

### 1948 Source Sheets



Volume 1, Sheet 22

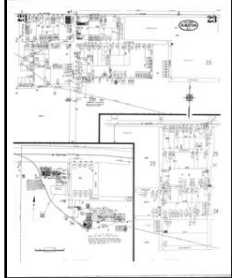


Volume 1, Sheet 23

### 1930 Source Sheets



Volume 1, Sheet 22

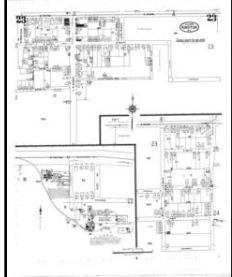


Volume 1, Sheet 23

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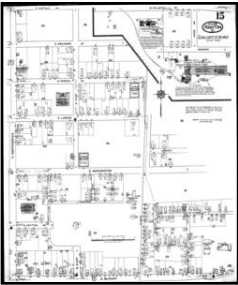


Volume 1, Sheet 22



Volume 1, Sheet 23

**1919 Source Sheets**

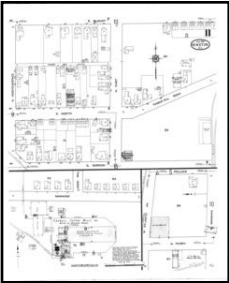


Volume 1, Sheet 15



Volume 1, Sheet 18

**1914 Source Sheets**

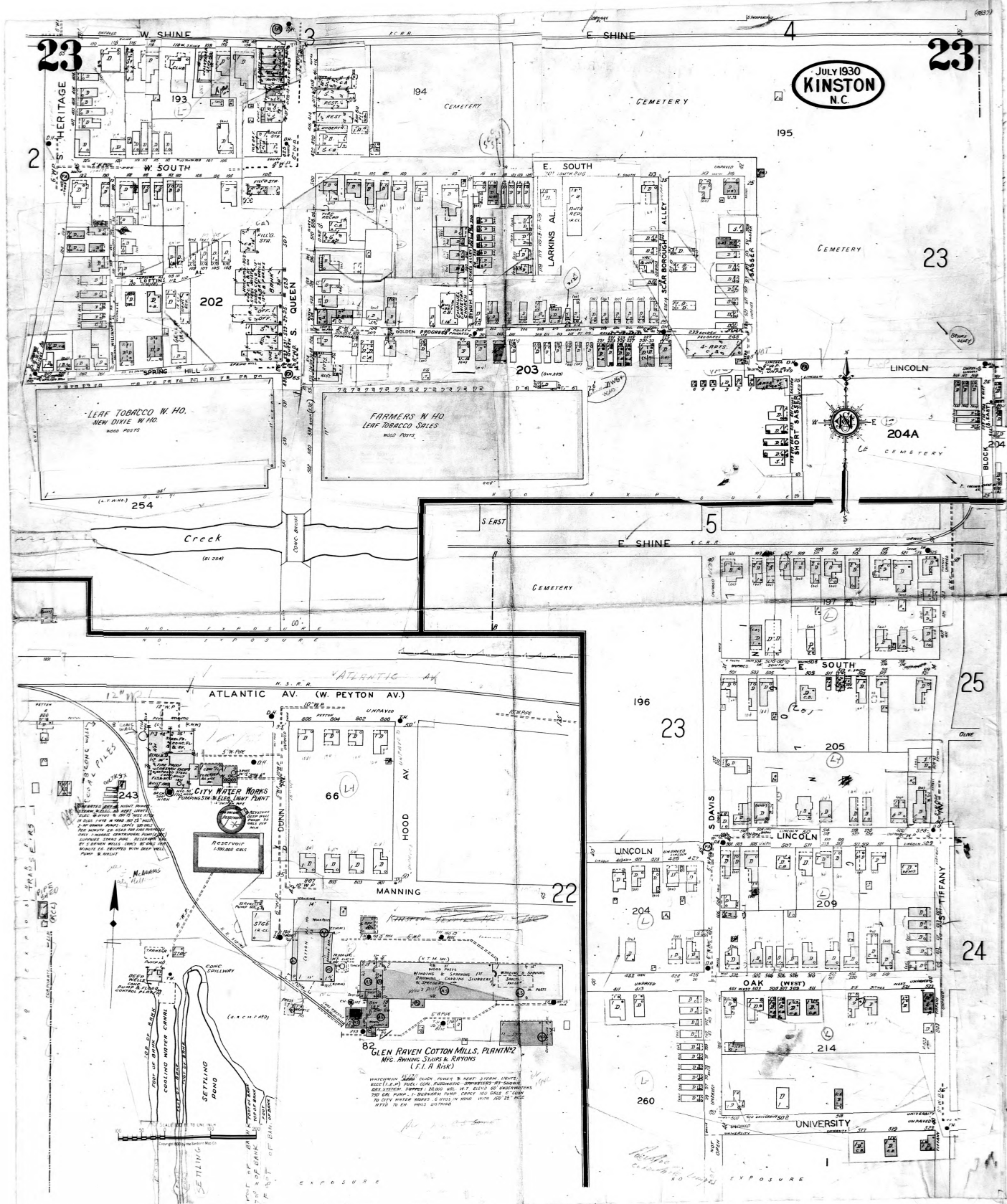


Volume 1, Sheet 11


# 1958 Certified Sanborn Map

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Site Name: Former Glen Raven Mills  
 Address: 800 Manning Street  
 City, ST, ZIP: Kinston NC 28501  
 Client: Mid-Atlantic Associates  
 EDR Inquiry: 4479037.3  
 Order Date: 12/1/2015 4:35:03 PM  
 Certification #: B96E-40D7-AE1F  
 Copyright: 1958

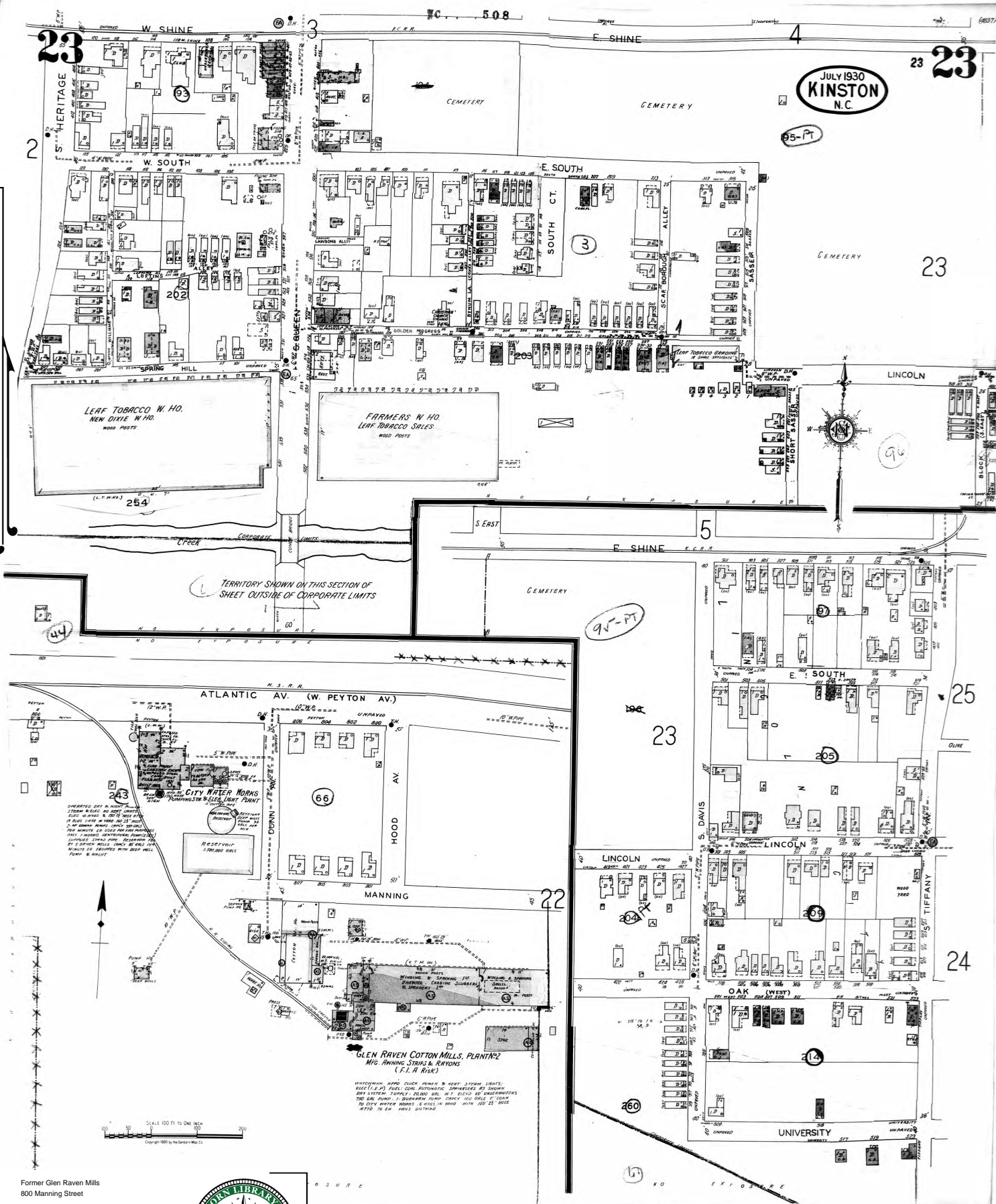




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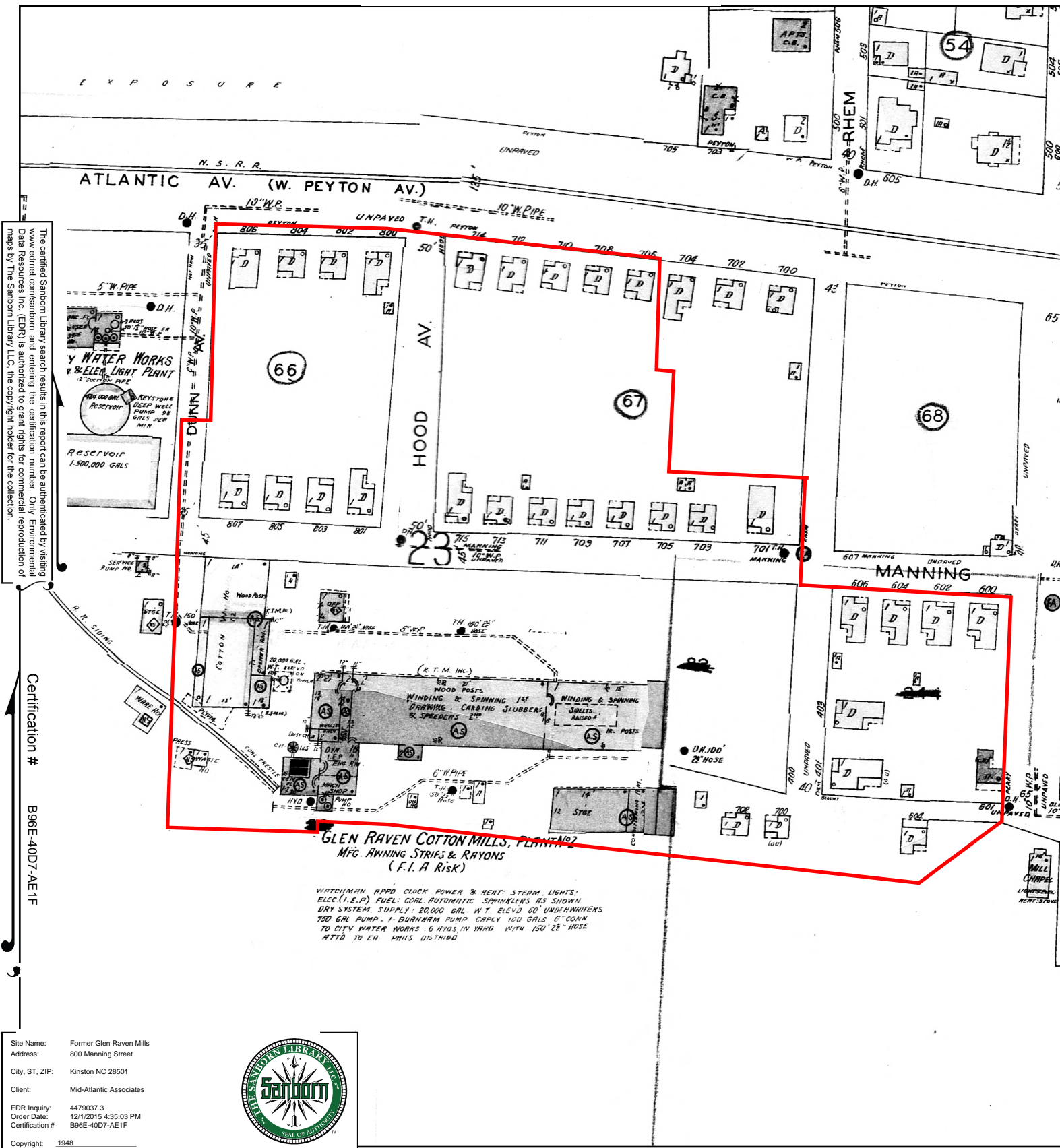
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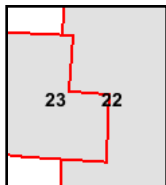
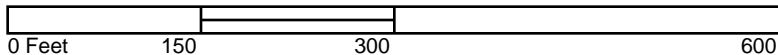
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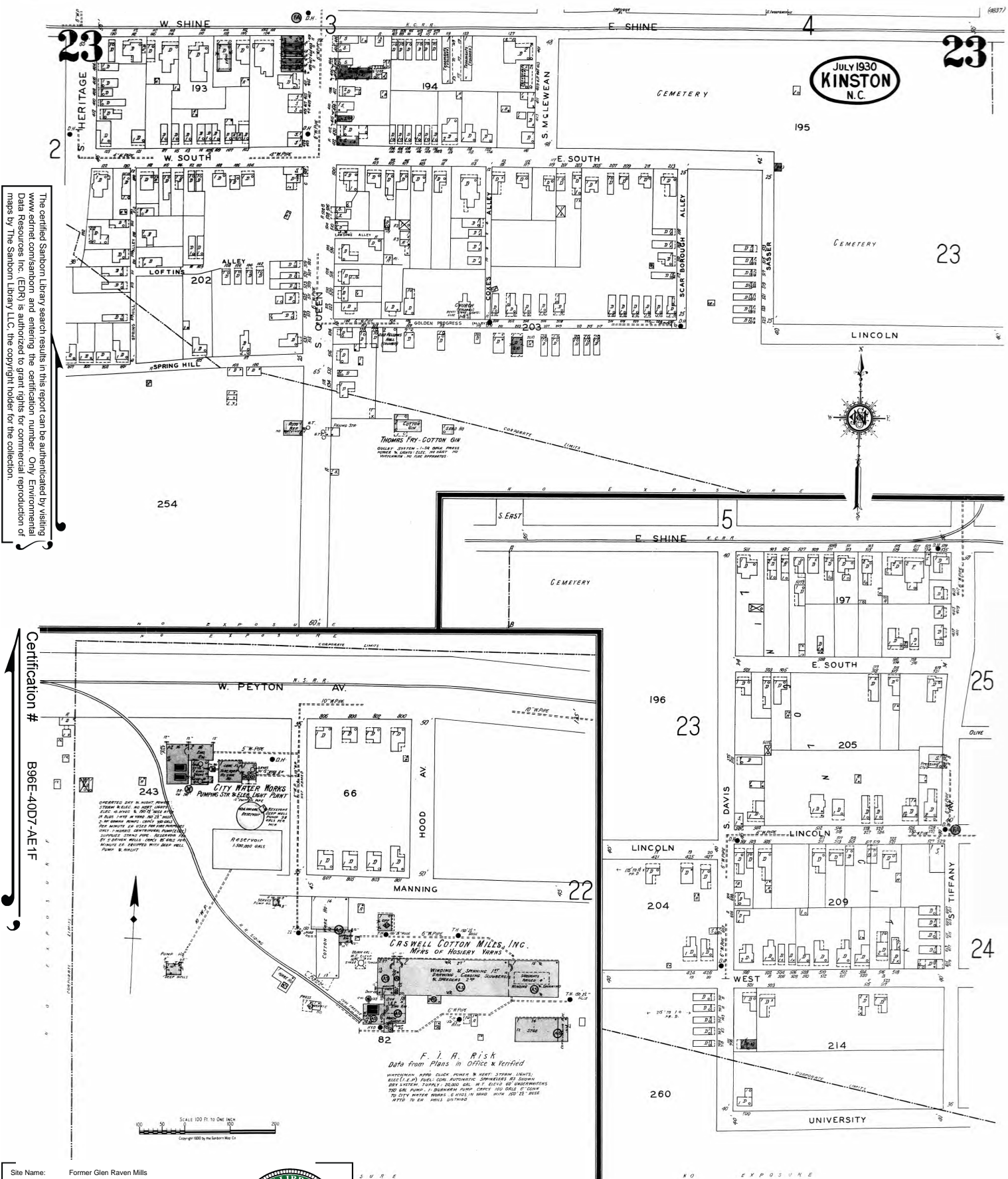
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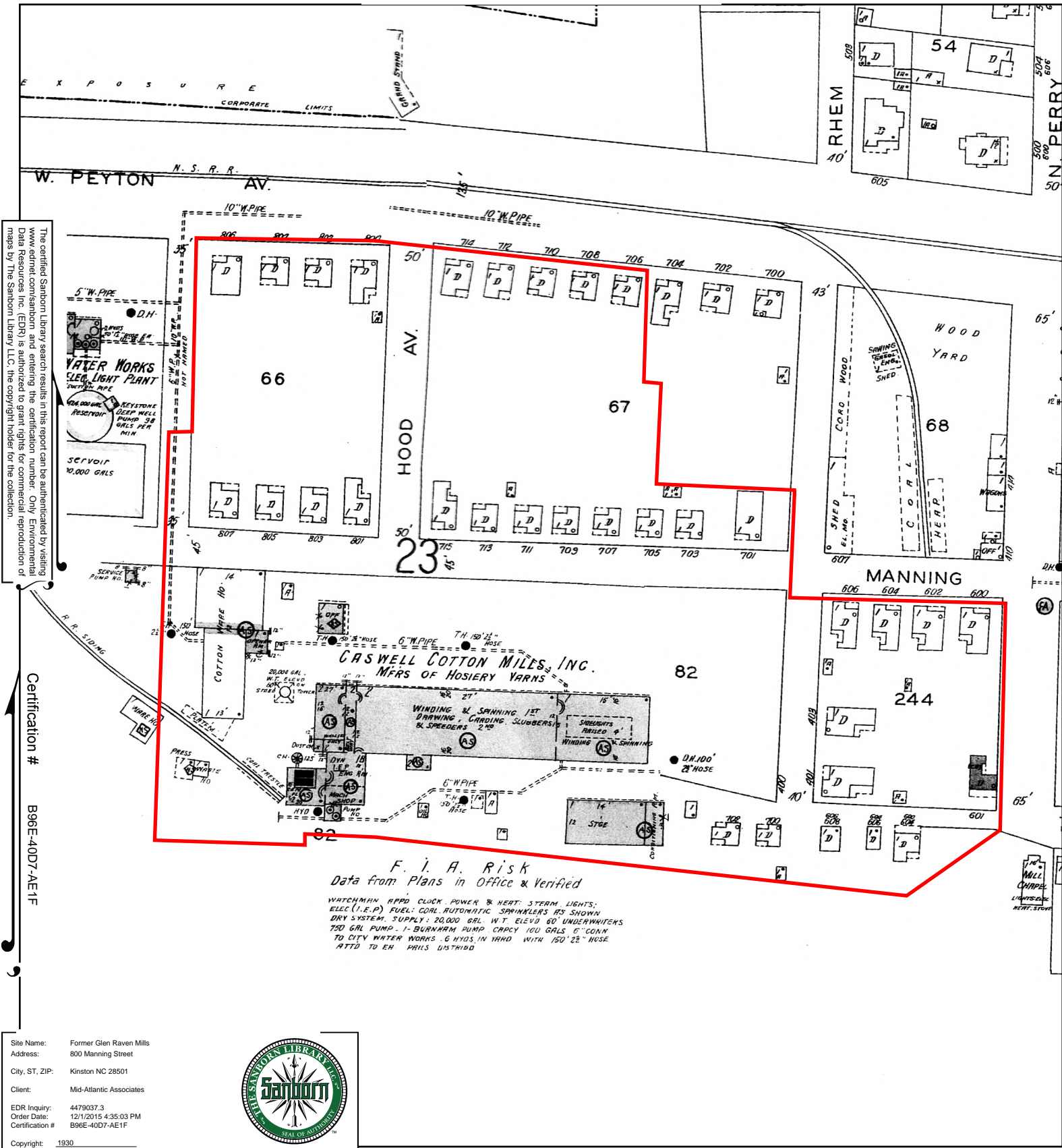
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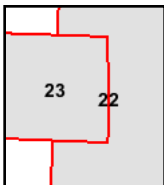
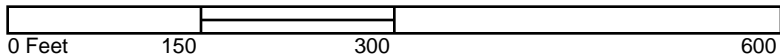
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 Address: 800 Manning Street  
 City, ST, ZIP: Kinston NC 28501  
 Client: Mid-Atlantic Associates  
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# 1930 Certified Sanborn Map



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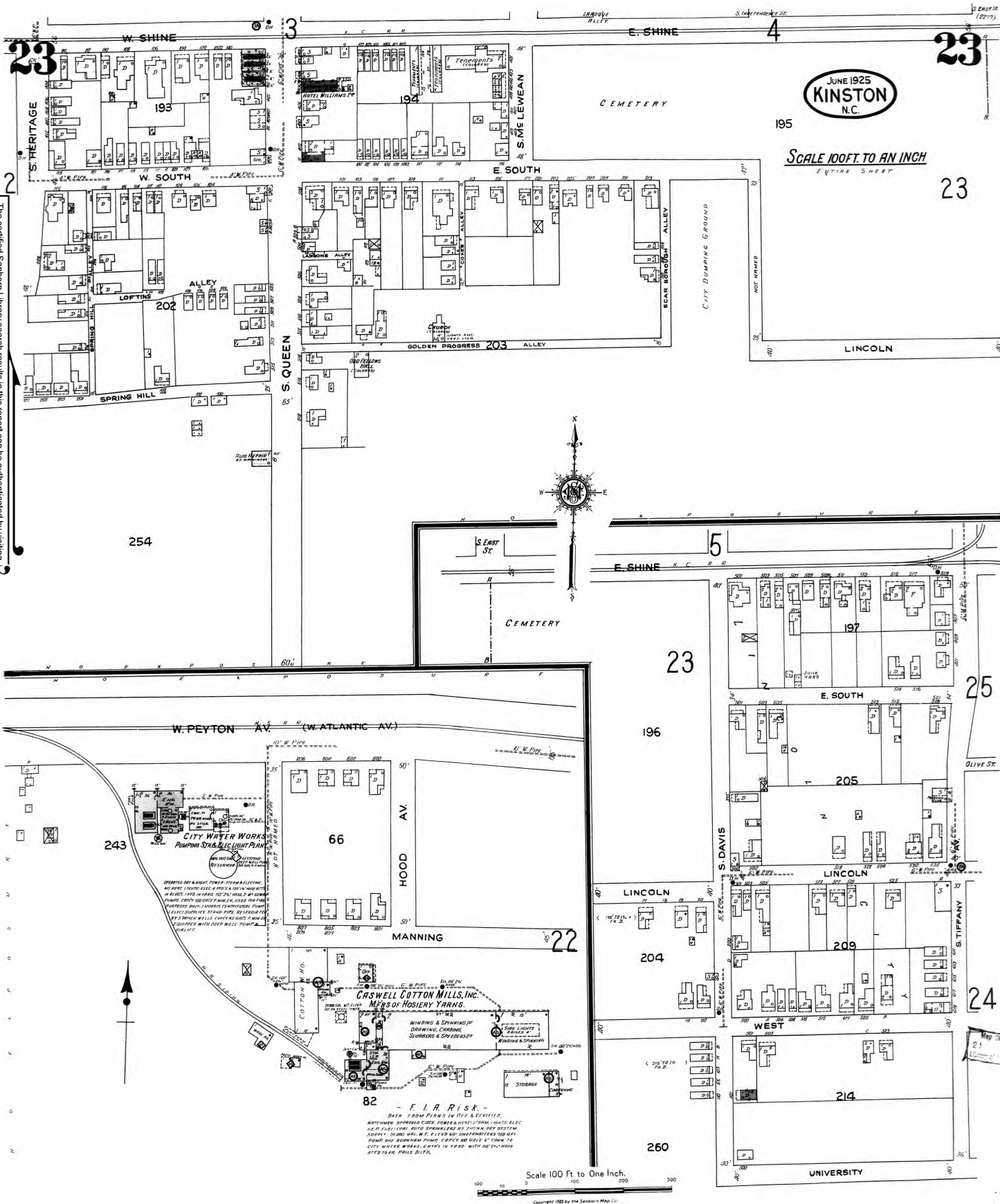


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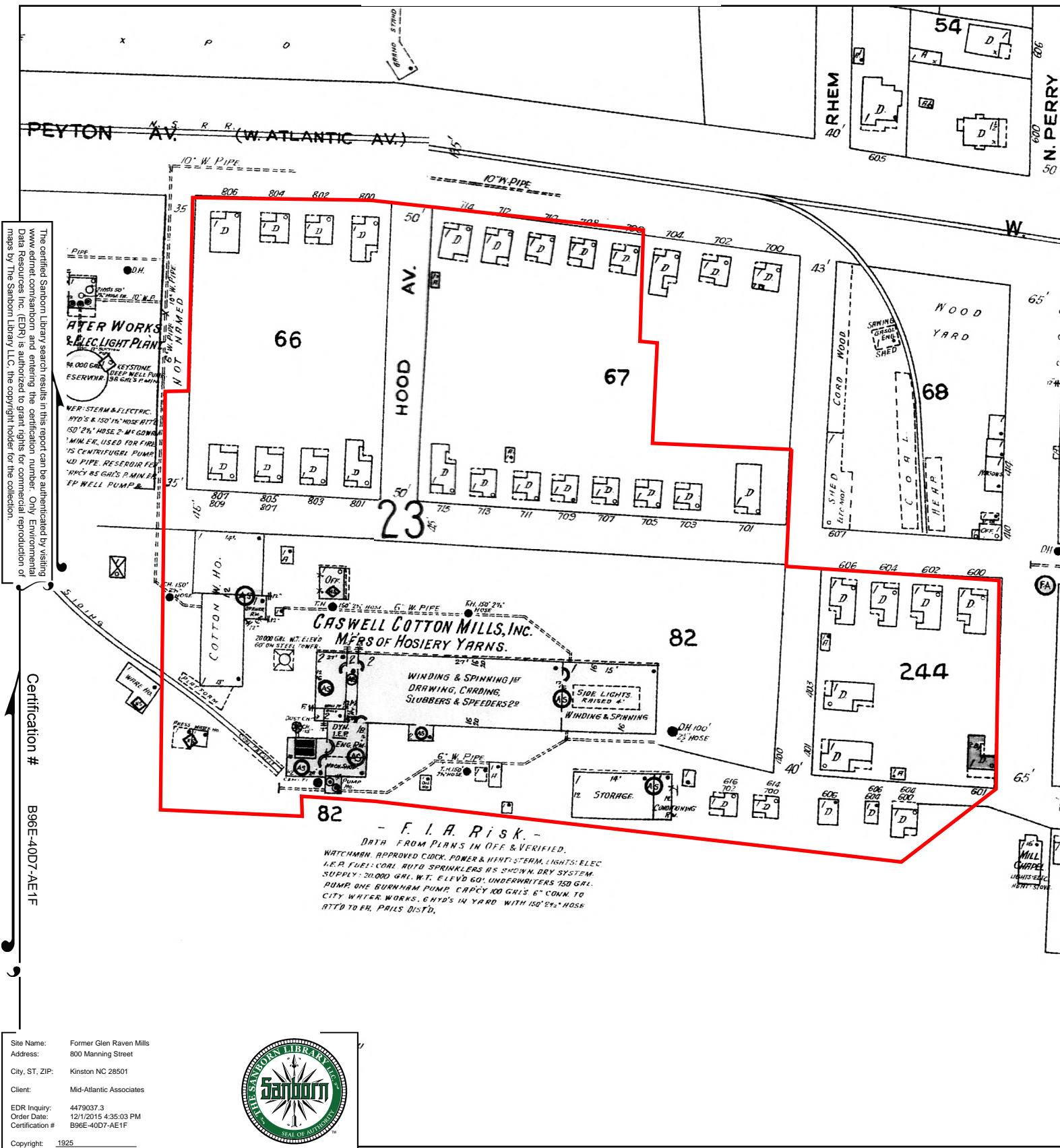
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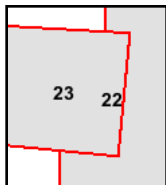
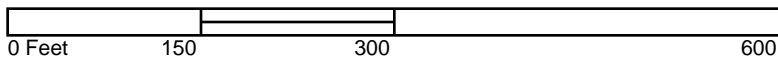
Site Name: Former Glen Raven Mills  
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EDR Inquiry: 4479037.3  
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Certification # B96E-40D7-AE1F  
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# 1925 Certified Sanborn Map



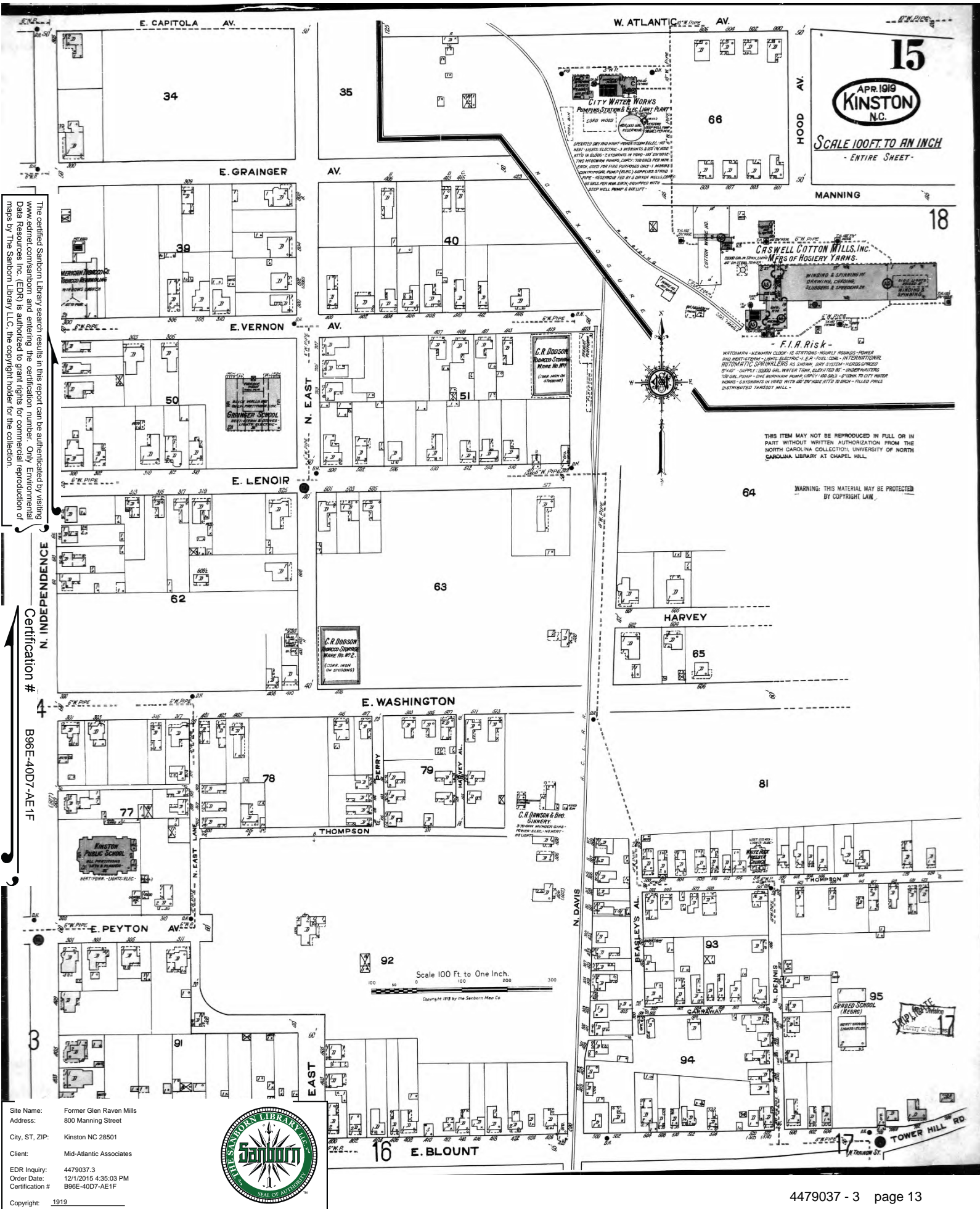
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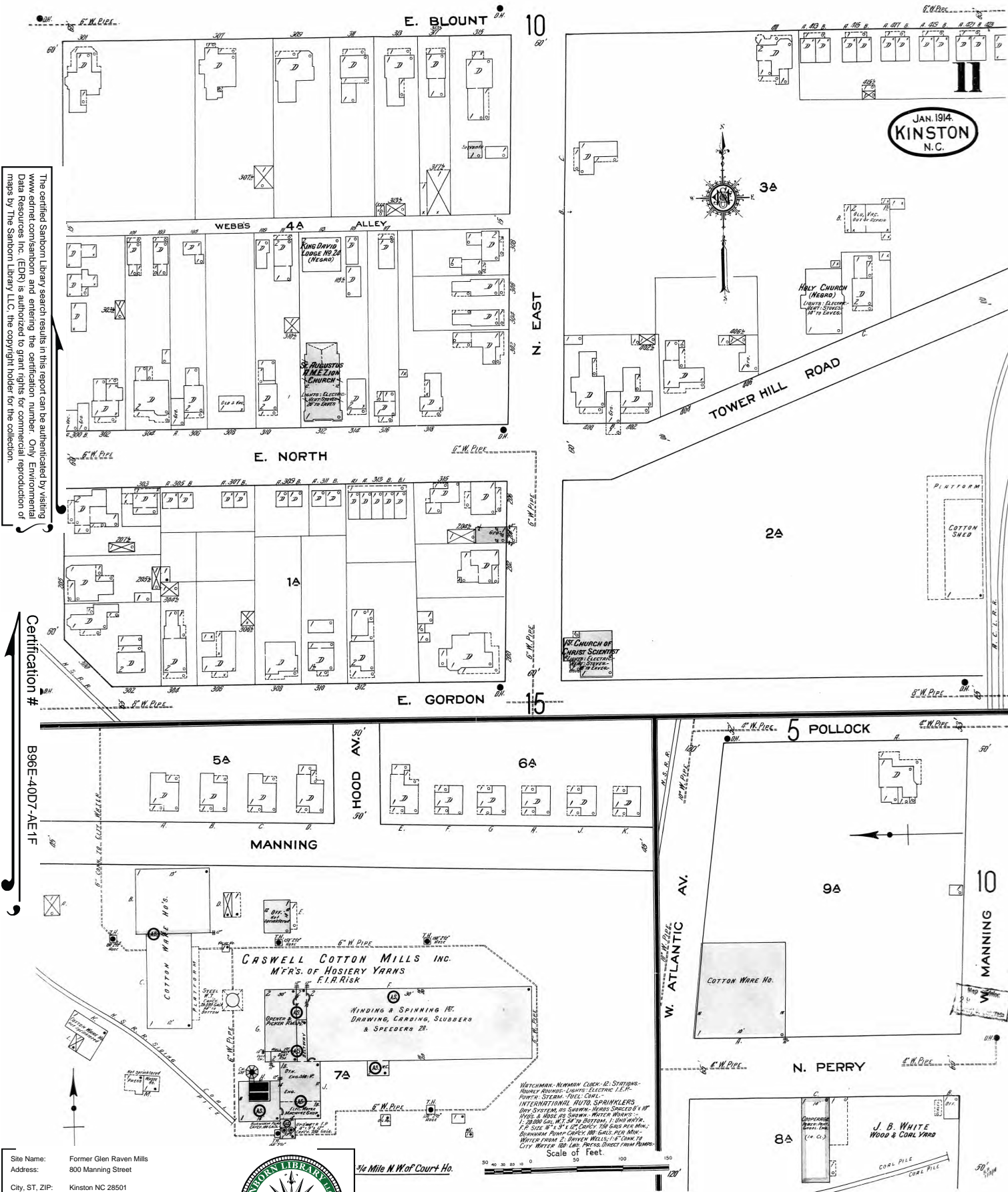


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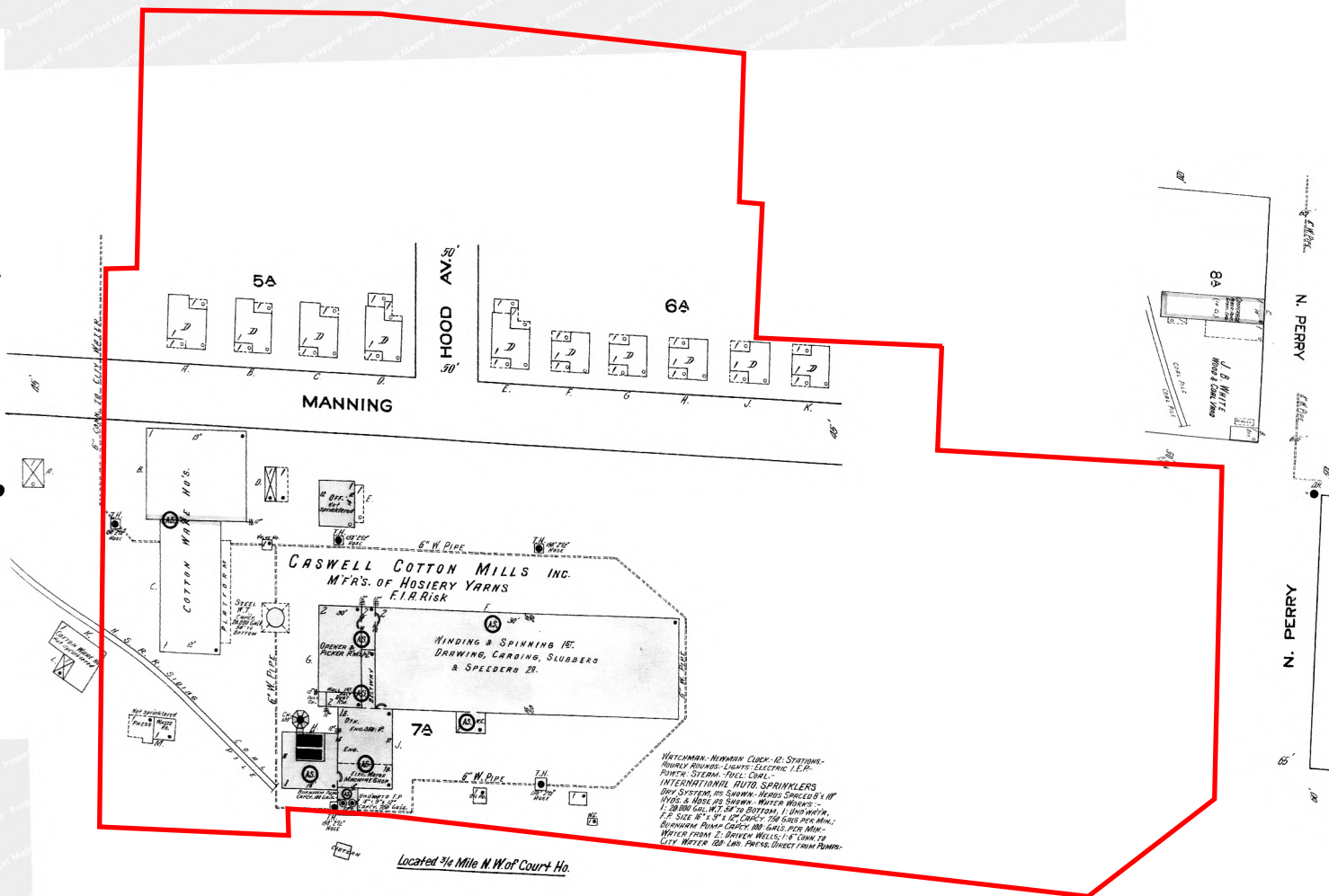
Site Name: Former Glen Raven Mills  
 Address: 800 Manning Street  
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 Client: Mid-Atlantic Associates  
 EDR Inquiry: 4479037.3  
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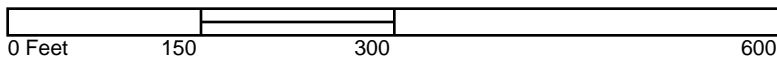


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Client: Mid-Atlantic Associates  
EDR Inquiry: 4479037.3  
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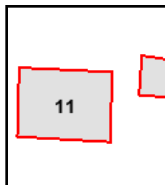


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Volume 1, Sheet 11





**Former Glen Raven Mills**

800 Manning Street

Kinston, NC 28501

Inquiry Number: 4479037.3

December 01, 2015

## Certified Sanborn® Map Report



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Contact: Gregory Hutchins

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**City, State, Zip:** Kinston, NC 28501  
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**P.O. #** NA  
**Project:** Former Glen Raven Mill  
**Certification #** B96E-40D7-AE1F



Sanborn® Library search results  
Certification # B96E-40D7-AE1F

**Maps Provided:**

1958  
1948  
1930  
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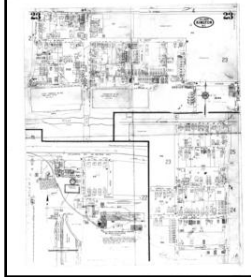
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### 1958 Source Sheets



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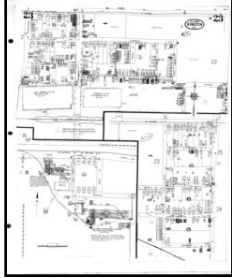


Volume 1, Sheet 23

### 1948 Source Sheets



Volume 1, Sheet 22

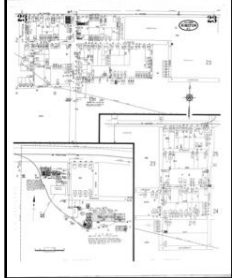


Volume 1, Sheet 23

### 1930 Source Sheets



Volume 1, Sheet 22

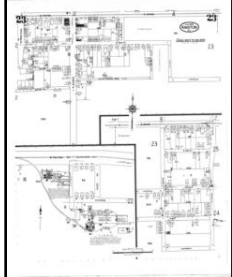


Volume 1, Sheet 23

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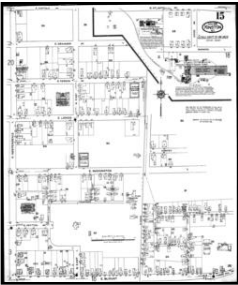


Volume 1, Sheet 22



Volume 1, Sheet 23

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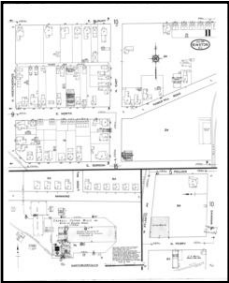


Volume 1, Sheet 15



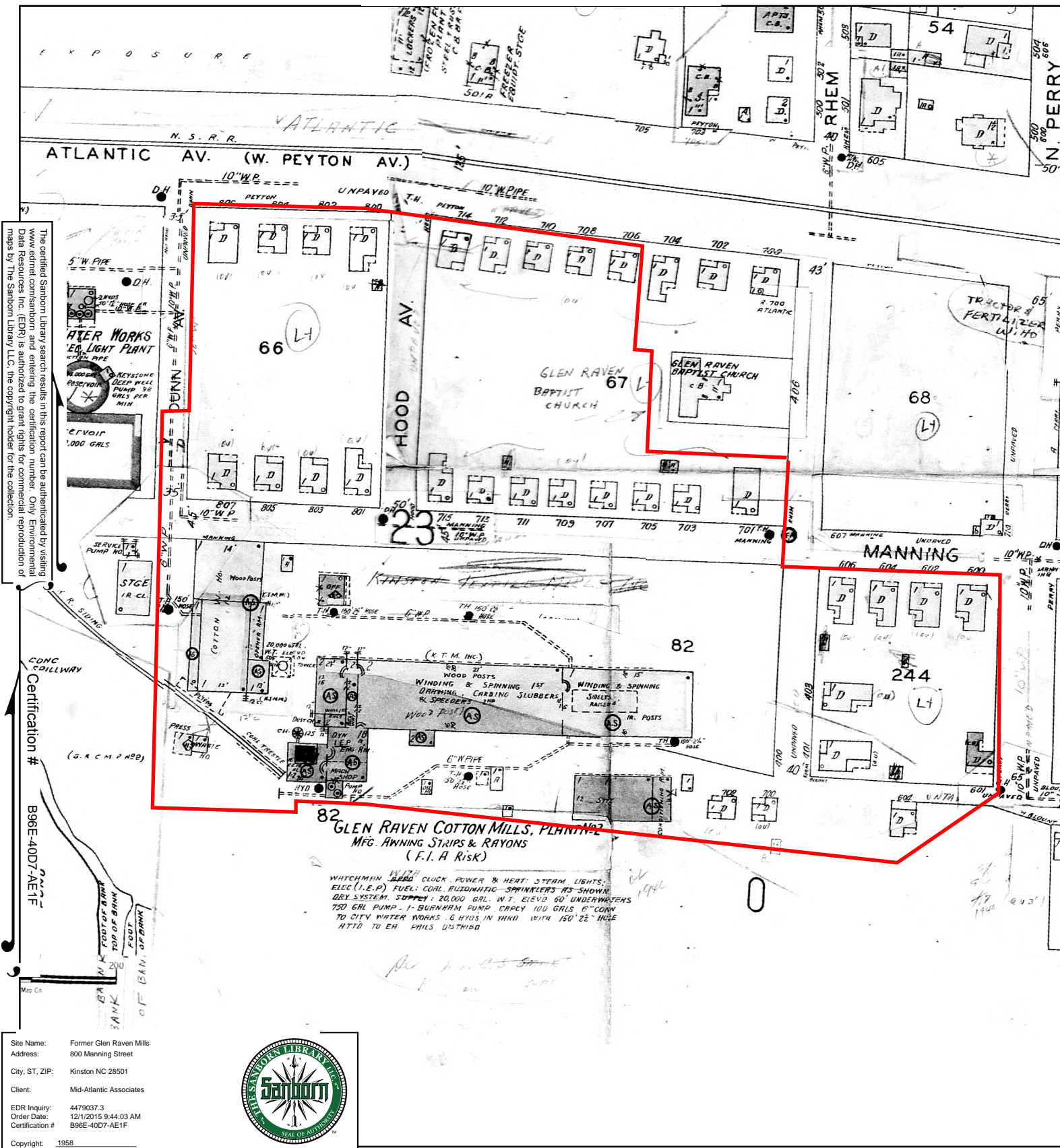
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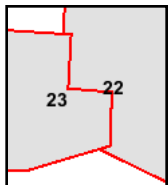
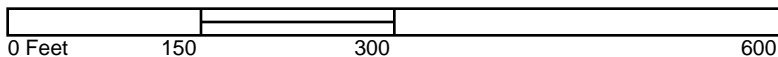


Volume 1, Sheet 11

# 1958 Certified Sanborn Map



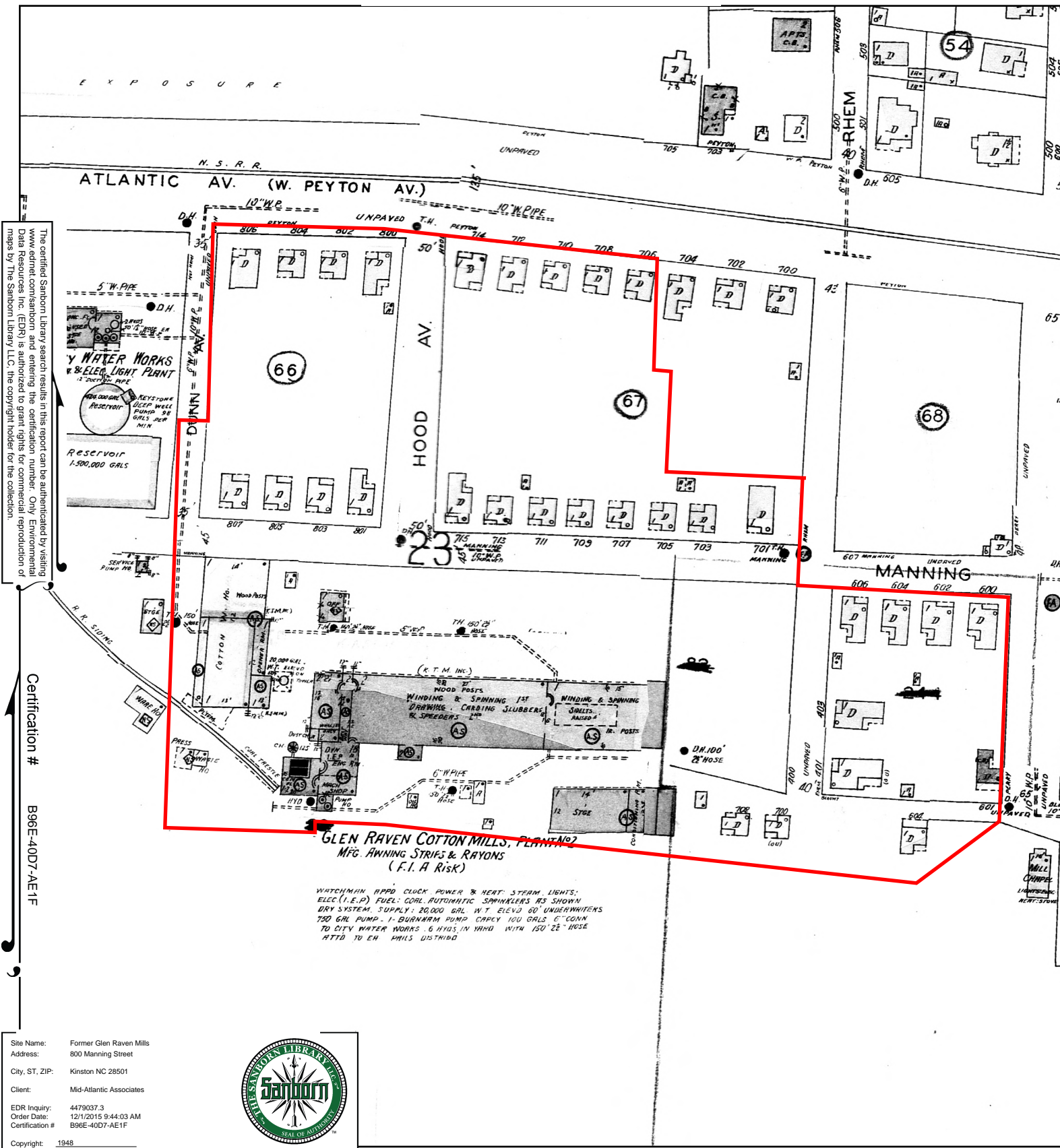
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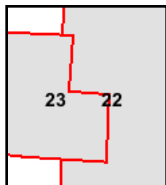
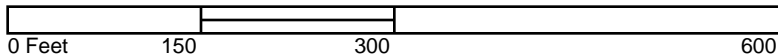
Volume 1, Sheet 22  
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# 1948 Certified Sanborn Map



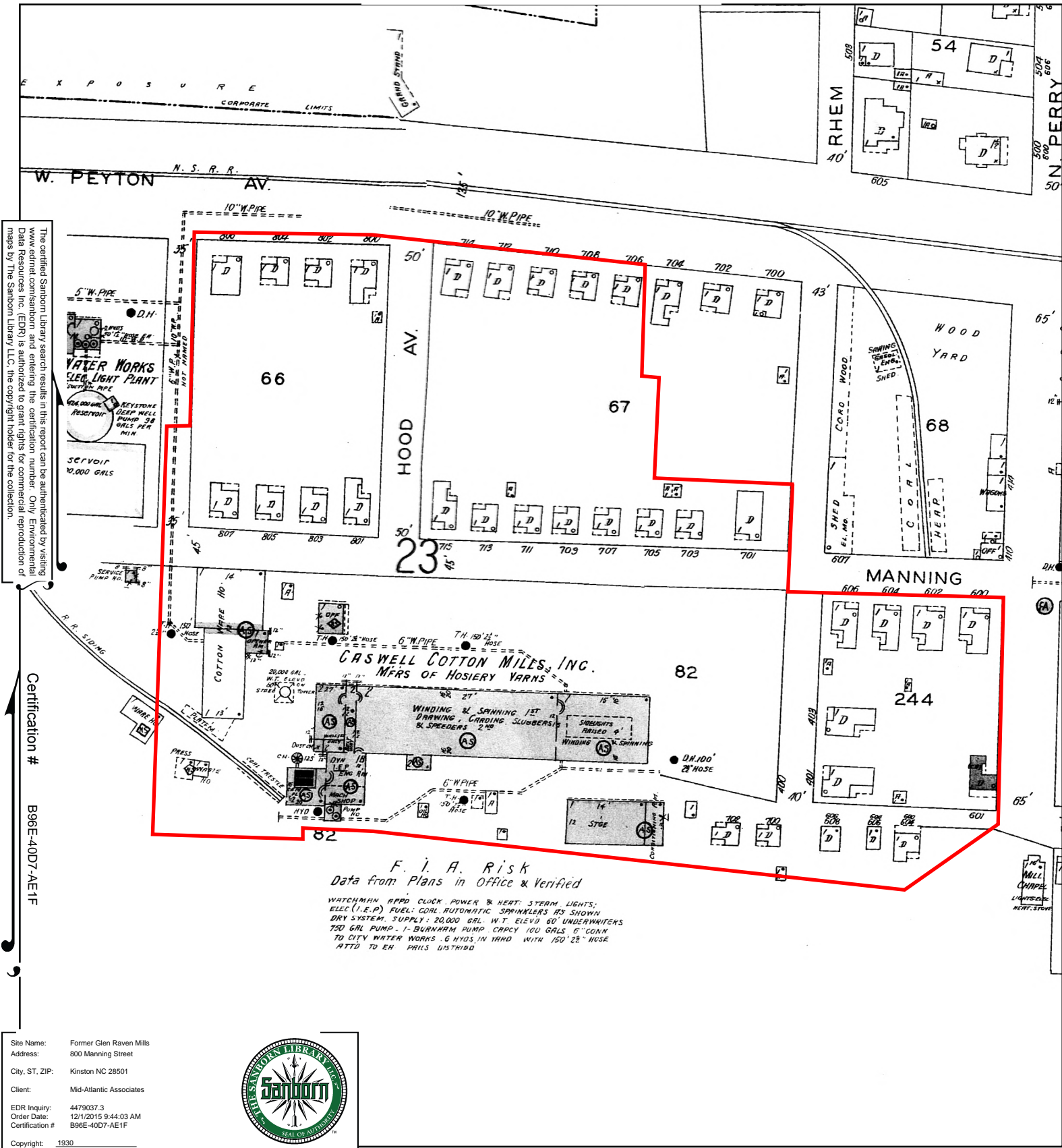
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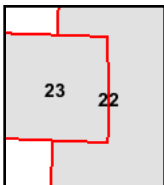
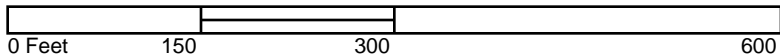
Volume 1, Sheet 22  
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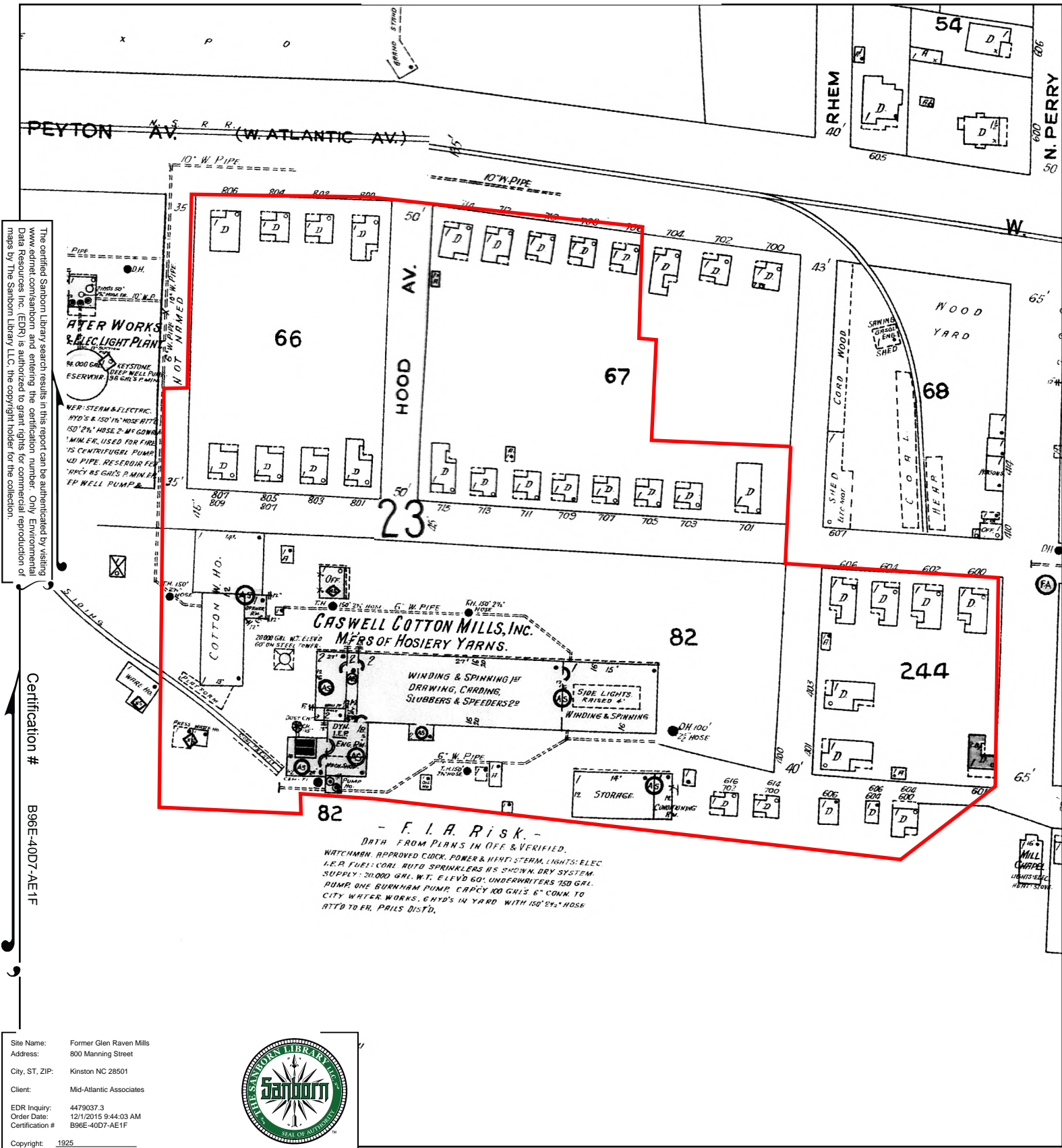
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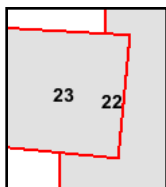
Volume 1, Sheet 22  
Volume 1, Sheet 23



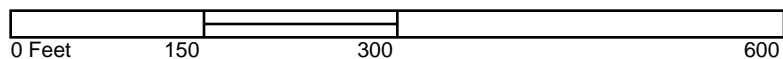
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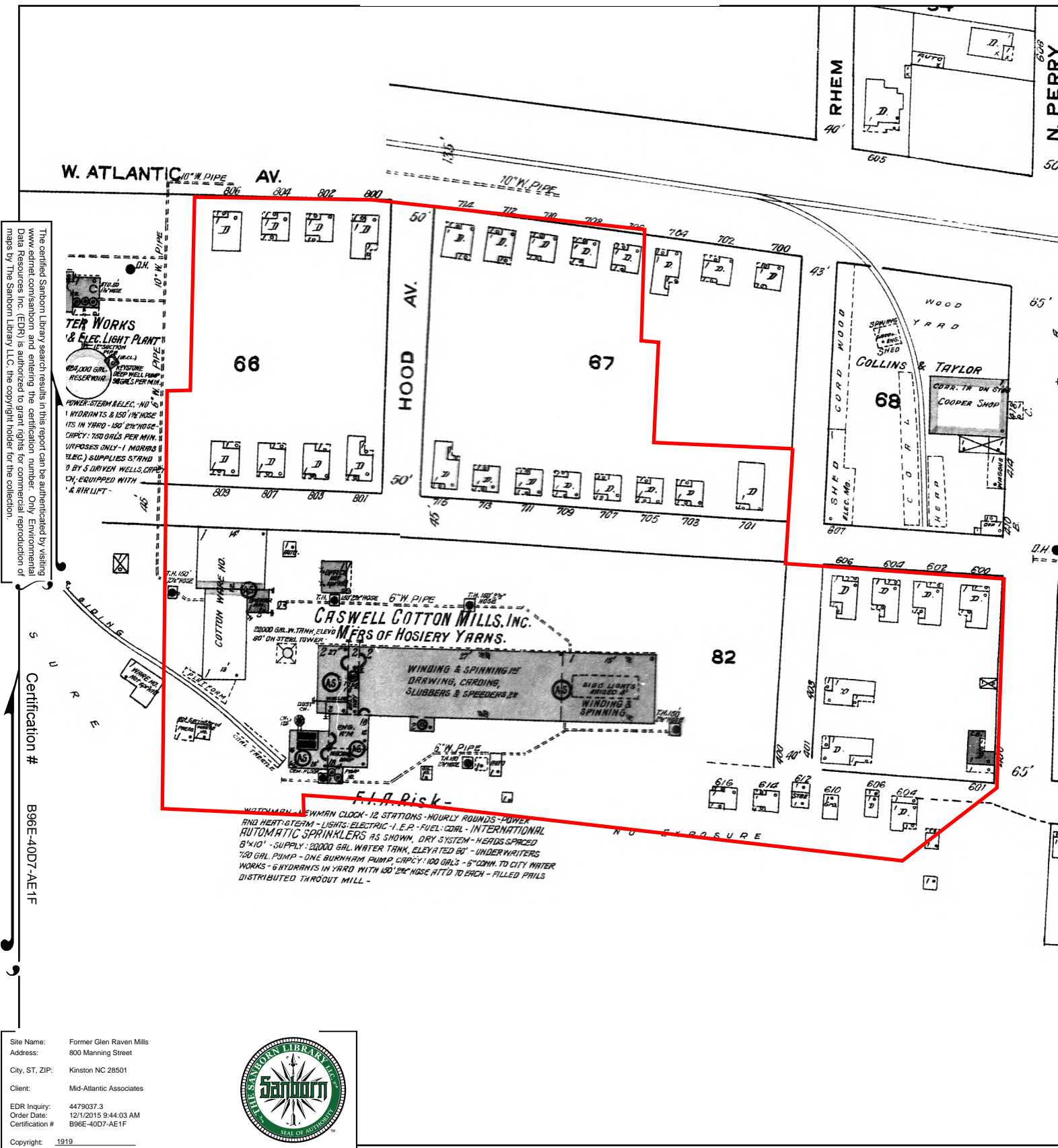
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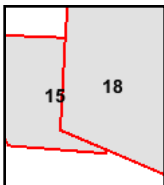
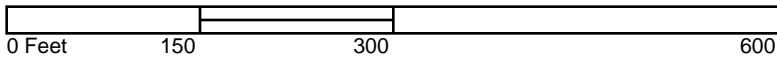
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## 1919 Certified Sanborn Map



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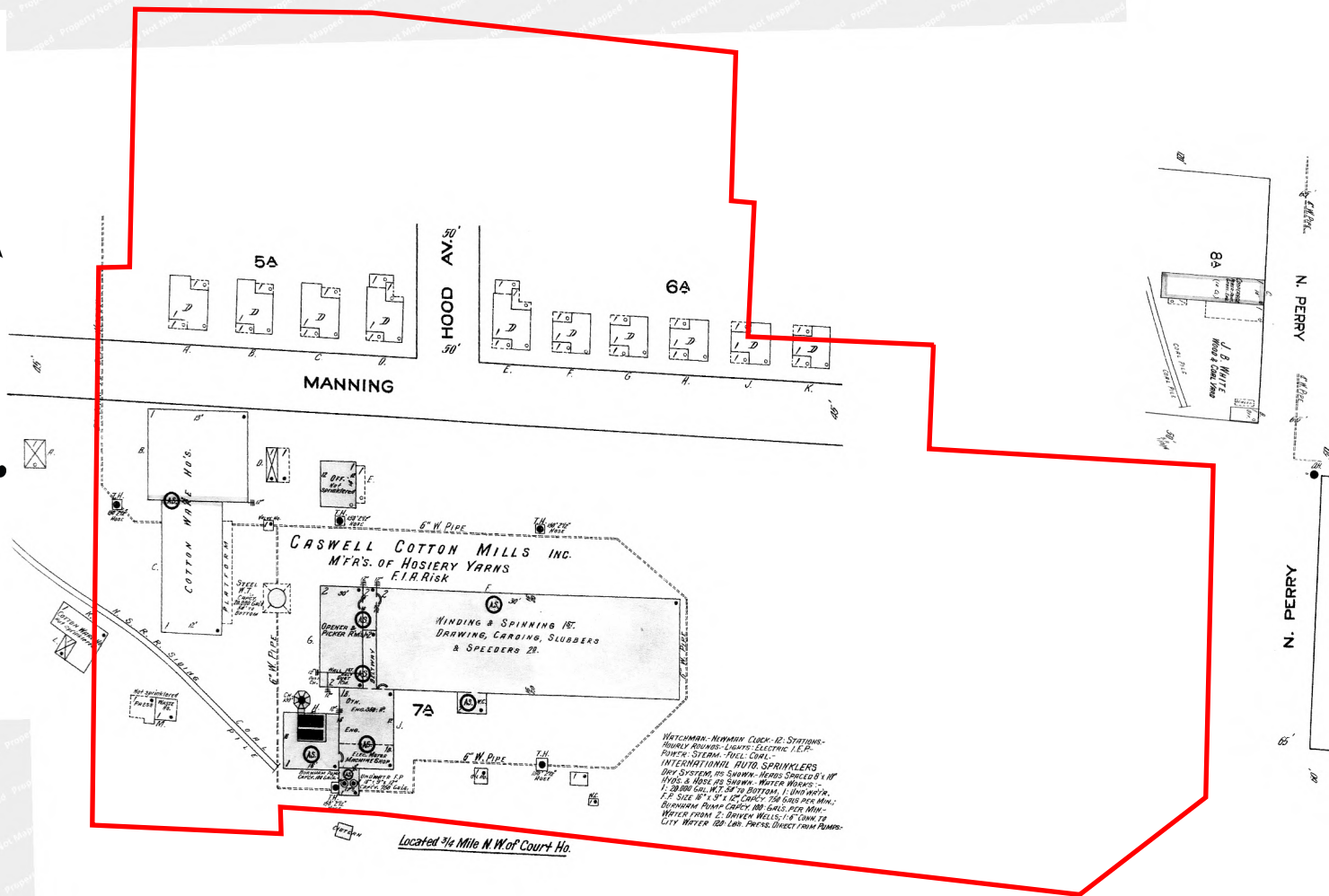
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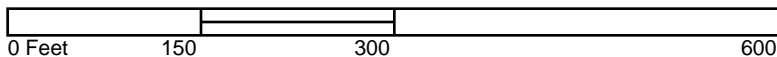


Site Name: Former Glen Raven Mills  
Address: 800 Manning Street  
City, ST, ZIP: Kinston NC 28501  
Client: Mid-Atlantic Associates  
EDR Inquiry: 4479037.3  
Order Date: 12/1/2015 9:44:03 AM  
Certification # B96E-40D7-AE1F

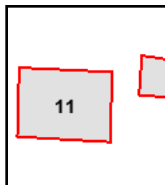


Copyright: 1914

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Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 11



**Former Glen Raven Mills**

800 Manning Street  
Kinston, NC 28501

Inquiry Number: 4479037.5  
December 01, 2015

## The EDR-City Directory Image Report

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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

### 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.

### 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>             |
|-------------|----------------------|---------------------|---------------------------|
| 2013        | ☑                    | ☑                   | Cole Information Services |
| 2008        | ☑                    | ☑                   | Cole Information Services |
| 2003        | ☑                    | ☑                   | Cole Information Services |
| 1999        | ☑                    | ☑                   | Cole Information Services |
| 1995        | ☑                    | ☑                   | Cole Information Services |
| 1992        | ☑                    | ☑                   | Cole Information Services |
| 1987        | ☑                    | ☑                   | Polk's City Directory     |
| 1982        | ☑                    | ☑                   | Hill's City Directory     |
| 1977        | ☑                    | ☑                   | Hill's City Directory     |
| 1972        | ☑                    | ☑                   | Hill's City Directory     |
| 1968        | ☑                    | ☑                   | Hill's City Directory     |
| 1964        | ☑                    | ☑                   | Hill's City Directory     |

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## FINDINGS

### TARGET PROPERTY STREET

800 Manning Street  
Kinston, NC 28501

| <u>Year</u> | <u>CD Image</u> | <u>Source</u> |
|-------------|-----------------|---------------|
|-------------|-----------------|---------------|

### MANNING ST

|      |        |                           |
|------|--------|---------------------------|
| 2013 | pg A2  | Cole Information Services |
| 2008 | pg A4  | Cole Information Services |
| 2003 | pg A6  | Cole Information Services |
| 1999 | pg A8  | Cole Information Services |
| 1995 | pg A10 | Cole Information Services |
| 1992 | pg A12 | Cole Information Services |
| 1987 | pg A14 | Polk's City Directory     |
| 1982 | pg A16 | Hill's City Directory     |
| 1982 | pg A17 | Hill's City Directory     |
| 1977 | pg A19 | Hill's City Directory     |
| 1972 | pg A21 | Hill's City Directory     |
| 1968 | pg A24 | Hill's City Directory     |
| 1964 | pg A26 | Hill's City Directory     |

## FINDINGS

### CROSS STREETS

| <u>Year</u> | <u>CD Image</u> | <u>Source</u> |
|-------------|-----------------|---------------|
|-------------|-----------------|---------------|

### ATLANTIC AVE

|      |         |                           |
|------|---------|---------------------------|
| 2013 | pg. A1  | Cole Information Services |
| 2008 | pg. A3  | Cole Information Services |
| 2003 | pg. A5  | Cole Information Services |
| 1999 | pg. A7  | Cole Information Services |
| 1995 | pg. A9  | Cole Information Services |
| 1992 | pg. A11 | Cole Information Services |
| 1987 | pg. A13 | Polk's City Directory     |
| 1982 | pg. A15 | Hill's City Directory     |
| 1977 | pg. A18 | Hill's City Directory     |
| 1972 | pg. A20 | Hill's City Directory     |
| 1968 | pg. A22 | Hill's City Directory     |
| 1968 | pg. A23 | Hill's City Directory     |
| 1964 | pg. A25 | Hill's City Directory     |

## **City Directory Images**

**ATLANTIC AVE 2013**

|      |                                      |
|------|--------------------------------------|
| 302  | GEORGE PIGFORD                       |
| 307  | RICHARD STRICKLAND                   |
| 311  | JESSIE JOYNER                        |
|      | LENOIR COUNTY RECREATION DISTRICT OF |
| 402  | EDWARD STARKEY                       |
| 404  | DENNIS WOFFORD                       |
| 410  | RICHARD PREDDY                       |
| 502  | MARIE MCLOUD                         |
| 505  | OCCUPANT UNKNOWN                     |
| 506  | HELEN LAWSON                         |
|      | OCCUPANT UNKNOWN                     |
| 507  | OCCUPANT UNKNOWN                     |
|      | P & M SUPERIOR CLEANING SERVICE      |
| 509  | MARIA DOMINGUEZ                      |
|      | OCCUPANT UNKNOWN                     |
| 600  | ELISA VILLA                          |
| 602  | MARGO SMITH                          |
| 604  | PHYLLIS TAYLOR                       |
| 606  | ELVA GUERRERO                        |
| 703  | CHRISTOPHER HAMM                     |
|      | JEFFREY JONES                        |
| 705  | ALLEN SMITH                          |
| 707  | OCCUPANT UNKNOWN                     |
| 709  | STEVEN MILLER                        |
| 711  | JOANN CARTER                         |
| 805  | DORIS THOMPSON                       |
| 807  | PETER CRAWFORD                       |
| 901  | OCCUPANT UNKNOWN                     |
| 907  | OCCUPANT UNKNOWN                     |
| 1712 | OCCUPANT UNKNOWN                     |

**MANNING ST 2013**

|     |                   |
|-----|-------------------|
| 405 | NIKKI MARTINES    |
| 408 | THELMA WATERS     |
| 409 | REUBEN BENNETT    |
| 410 | EUGENE CARTER     |
| 411 | OCCUPANT UNKNOWN  |
| 412 | BERNICE GOBLE     |
|     | OCCUPANT UNKNOWN  |
| 414 | JAMES HINSON      |
|     | OCCUPANT UNKNOWN  |
| 500 | OCCUPANT UNKNOWN  |
| 502 | ELOUISE ATKINS    |
| 504 | DRUESILLA JONES   |
| 505 | OCCUPANT UNKNOWN  |
| 506 | THEODORE MILLER   |
| 507 | LATASHA MILLER    |
|     | MICHAEL EVERETTE  |
| 508 | AINA COLLIER      |
| 509 | OCCUPANT UNKNOWN  |
| 800 | NATIONAL SPINNING |

## ATLANTIC AVE

2008

|      |                    |
|------|--------------------|
| 307  | RICHARD STRICKLAND |
| 402  | EDWARD STARKEY     |
| 404  | OCCUPANT UNKNOWN   |
| 502  | MARIE MCLOUD       |
| 504  | CARLTON THIGPEN    |
| 505  | JOSEPH ELLISON     |
| 506  | EBONY WHITEFIELD   |
| 507  | JEFF MINDAK        |
| 509  | MARIA DOMINGUEZ    |
|      | OCCUPANT UNKNOWN   |
| 600  | ELISA VILLA        |
| 602  | MARGO SMITH        |
| 604  | PHYLLIS TAYLOR     |
| 606  | MANUEL GUERRERO    |
| 703  | MARY BEST          |
| 705  | ALLEN SMITH        |
| 709  | JOANN CARTER       |
| 711  | KENNETH BARBOUR    |
| 713  | OCCUPANT UNKNOWN   |
| 805  | DORIS THOMPSON     |
| 807  | PETER CRAWFORD     |
| 901  | JANET FONVILLE     |
| 907  | RONALD PETERSON    |
| 1710 | VANESSA HERNANDEZ  |
| 1712 | OCCUPANT UNKNOWN   |

**MANNING ST 2008**

|     |                     |
|-----|---------------------|
| 405 | CHRISTOPHER GOODING |
| 407 | DOROTHY CROOM       |
| 408 | THELMA WATERS       |
| 409 | REUBEN BENNETT      |
|     | REUBEN BENNETT REV  |
| 410 | BERNICE GOBLE       |
| 412 | EUNICE ARMSTRONG    |
|     | OCCUPANT UNKNOWN    |
| 414 | JAMES HINSON        |
|     | OCCUPANT UNKNOWN    |
|     | P HINES             |
| 500 | TIMOTHY REECE       |
| 502 | WAKILI MOYE         |
| 503 | EL DADE             |
|     | HANDYMAN EXPRESS    |
| 504 | DRUESILLA JONES     |
| 506 | JULIET LEE          |
| 507 | LATASHA MILLER      |
| 508 | AINA COLLIER        |
| 509 | OCCUPANT UNKNOWN    |
| 511 | RAY HENDERSON       |

## ATLANTIC AVE

2003

|      |                     |
|------|---------------------|
| 302  | GEORGE PIGFORD      |
| 306  | DANNY HILL          |
| 307  | RICHARD STRICKLAND  |
| 309  | WILLIE WIGGS        |
| 311  | OCCUPANT UNKNOWN    |
| 402  | JESSE JOHNSON       |
| 404  | OCCUPANT UNKNOWN    |
| 410  | DOROTHY CROOM       |
| 502  | OCCUPANT UNKNOWN    |
| 504  | CARLTON THIGPEN     |
| 505  | LAURA PRIVETTE      |
| 506  | LARETHA PIERRE      |
|      | OCCUPANT UNKNOWN    |
| 507  | THOMAS COOKE        |
| 509  | MARIA RODRIGUEZ     |
|      | OCCUPANT UNKNOWN    |
| 600  | TERESA TAYLOR-PEREZ |
| 604  | PHYLISS TAYLOR      |
| 605  | TERRY BUCKNER       |
| 606  | OCCUPANT UNKNOWN    |
| 705  | ALLEN SMITH         |
| 707  | TERRY DEAVER        |
| 711  | ANGELA PATE         |
| 713  | DANIEL JIMENEZ      |
| 805  | DORIS THOMPSON      |
| 807  | PETER CRAWFORD      |
| 901  | JANET FONVILLE      |
| 907  | ROBERT SHAW         |
| 1303 | VERNON HOWARD       |
| 1305 | KATHY PEPPER        |
| 1710 | MARVIN PHILYAW      |
| 1712 | OCCUPANT UNKNOWN    |

**MANNING ST 2003**

|     |                    |
|-----|--------------------|
| 405 | NATASHETTE JACKSON |
| 407 | EDDIE SHACKLEFORD  |
| 408 | OCCUPANT UNKNOWN   |
| 409 | REUBEN BENNETT     |
| 410 | DELMAN GOBLE       |
| 411 | OCCUPANT UNKNOWN   |
| 412 | OCCUPANT UNKNOWN   |
|     | S MCPHAIL          |
| 414 | EDWIN POTTER       |
|     | OCCUPANT UNKNOWN   |
| 500 | SHEILA HOFFMAN     |
| 502 | OCCUPANT UNKNOWN   |
| 503 | JEANNETTE ARTIS    |
| 505 | EDWARD STANLEY     |
| 506 | ALONZA LEE         |
| 507 | IRENE WILLIAMS     |
|     | NANCY EUBANKS      |
| 508 | AINA COLLIER       |
| 509 | OCCUPANT UNKNOWN   |
| 511 | RAY HENDERSON      |
| 800 | GLEN RAVEN MILLS   |

## ATLANTIC AVE

1999

|      |                    |
|------|--------------------|
| 302  | JANIE PIGFORD      |
| 306  | DANNY HILL         |
|      | OCCUPANT UNKNOWN   |
| 307  | CAROL TOKARSKI     |
|      | RICHARD STRICKLAND |
| 309  | OCCUPANT UNKNOWN   |
| 311  | HELEN LYNCH        |
| 402  | OCCUPANT UNKNOWN   |
| 404  | OCCUPANT UNKNOWN   |
| 406  | JOHN EVERETT       |
|      | OCCUPANT UNKNOWN   |
| 504  | CARLTON THIGPEN    |
| 505  | LAURA PRIVETTE     |
| 507  | THOMAS COOKE       |
| 509  | OCCUPANT UNKNOWN   |
| 600  | JOHN MURRAY        |
| 602  | MARGO SMITH        |
| 604  | PHYLLIS TAYLOR     |
| 605  | OCCUPANT UNKNOWN   |
| 705  | OCCUPANT UNKNOWN   |
| 707  | TERRY DEAVER       |
| 709  | JOANN CARTER       |
| 711  | OCCUPANT UNKNOWN   |
| 713  | OCCUPANT UNKNOWN   |
| 901  | OCCUPANT UNKNOWN   |
| 907  | ROBERT SHAW        |
| 1305 | KATHY PEPPER       |
| 1710 | HANK PHILYAW       |

**MANNING ST 1999**

|     |                  |
|-----|------------------|
| 407 | OCCUPANT UNKNOWN |
| 408 | ELLEN ROUSE      |
| 409 | REUBEN BENNETT   |
| 410 | OCCUPANT UNKNOWN |
| 411 | WILLIAM CULBRETH |
| 412 | BERNICE GOBLE    |
|     | DOROTHY HILL     |
| 500 | OCCUPANT UNKNOWN |
| 502 | OCCUPANT UNKNOWN |
| 503 | OCCUPANT UNKNOWN |
|     | SHARON SMITH     |
| 504 | OCCUPANT UNKNOWN |
| 506 | T MILLER         |
| 508 | JEAN JOHNSON     |

## ATLANTIC AVE

1995

|      |                    |
|------|--------------------|
| 300  | OCCUPANT UNKNOWNN  |
| 302  | PIGFORD, RUDOLPH   |
| 306  | HILL, DANNY        |
| 309  | OCCASIONS CATERING |
|      | OCCASIONS RENTALS  |
|      | WHITE, M M         |
| 402  | OCCUPANT UNKNOWNN  |
| 404  | CASEY, ALENE       |
| 406  | CLYBURN, J         |
|      | EVERETT, JOHN      |
| 410  | OCCUPANT UNKNOWNN  |
| 502  | OCCUPANT UNKNOWNN  |
| 504  | THIGPEN, CARLTON   |
| 505  | PRIVETTE, JAMES C  |
| 506  | SHEPHERD, E H      |
| 507  | COOKE, THOMAS SR   |
| 509  | OCCUPANT UNKNOWNN  |
| 511  | OCCUPANT UNKNOWNN  |
| 600  | MURRAY, MARY R     |
| 602  | SMITH, MARGO R     |
| 604  | TAYLOR, PHYLLIS M  |
| 606  | SHAW, PAULINE H    |
| 703  | BRYAN, MURRAY J    |
|      | HINSON, MICHAEL    |
| 705  | OCCUPANT UNKNOWNN  |
| 707  | OCCUPANT UNKNOWNN  |
| 709  | CARTER, J H        |
| 711  | OCCUPANT UNKNOWNN  |
| 713  | BREWER, CAROL      |
| 907  | OCCUPANT UNKNOWNN  |
| 1303 | HOWARD, VERNON     |
| 1305 | OCCUPANT UNKNOWNN  |
| 1307 | OCCUPANT UNKNOWNN  |
| 1710 | PHILYAW, HANK      |
| 1712 | MOORE, ANTHONY C   |

**MANNING ST 1995**

|     |                           |
|-----|---------------------------|
| 407 | SHACKLEFORD, EDDIE JR     |
| 408 | ROUSE, ELLEN C            |
| 409 | BENNETT, REUBEN           |
| 410 | OCCUPANT UNKNOWNN         |
| 411 | WILLIAMS, CHANDRA         |
| 412 | HILL, DOROTHY A           |
| 413 | THOMPSONS GROCERY         |
|     | THOMPSONS PAINTING & HOME |
| 500 | REECE, TIMOTHY            |
|     | SANDERSON, ROGER S        |
| 502 | WILLIAMS, ALICE M         |
| 504 | GOLDMAN, D                |
| 506 | MILLER, YVONNE E          |
| 507 | BRUCE, TRACI D            |
| 508 | OCCUPANT UNKNOWNN         |

## ATLANTIC AVE

1992

|      |                   |
|------|-------------------|
| 0    | CATLETTE, M C     |
| 300  | COX, HELEN D      |
| 302  | PIGFORD, RUDOLPH  |
| 306  | HILL, DANNY       |
| 311  | BUTLER, JOHN      |
|      | SPRY, CONRAD A    |
| 404  | CASEY, ALENE      |
| 406  | EVERETT, JOHN     |
| 410  | BURNEY, ROSA M    |
| 504  | THIGPEN, CARLTON  |
| 505  | PRIVETTE, JAMES C |
| 506  | CATON, M          |
|      | HILL, P H         |
| 604  | TAYLOR, PHYLLIS M |
| 606  | SHAW, PAULINE H   |
| 703  | BILLYS FOODS MEAT |
| 705  | JACKSON, MARY     |
| 707  | ROBINSON, SYBIL A |
| 709  | ELMORE, V B       |
| 711  | RADFORD, LORI     |
| 1303 | MORRIS, KELLY     |
| 1305 | POTTER, MICHAEL   |
| 1307 | EITERMAN, TOM F   |
|      | LEVIS, JESSE      |
| 1609 | LAUGHINGHOUSE INC |
| 1710 | BRADDY, TOMMIE R  |
| 1714 | KOHLER, JAMES M   |

**MANNING ST 1992**

|     |                       |
|-----|-----------------------|
| 405 | PARKER, ANNIE L       |
| 407 | SHACKLEFORD, EDDIE JR |
| 408 | ROUSE, ELLEN C        |
| 410 | GOBLE, BERNICE        |
| 412 | HILL, DOROTHY A       |
| 500 | REECE, TIMOTHY J      |
| 504 | GOLDMAN, D            |
| 506 | EDWARDS, YVONNE       |
| 507 | TUCKER, LEE           |
| 508 | HOLLIS, N P           |

**ATLANTIC AVE 1987****ASPHALT RD RT 3-Contd**

820 Thompson R A © 527-6341

821★Koonce Elsie

822 Wilkins Nell H Mrs ©

823 Gold Leaf Tobacco Warehouse  
523-7244Taylor J P Tobacco Co  
523-6154

826 Harris Lynwood

828★Davis Sandy 523-8490

830 Barnett's Truck Lines Inc  
523-2149

705a Vacant

705b Vacant

707 Robinson Sybil A © 523-3017

709 Elmore Viola B © 523-9858

711 Wilson Bertha L Mrs ©  
527-8209

712 Vacant

713★Hill Peareene ©

714 Vacant

715 Colonial Frozen Foods  
(storage)

HOOD ENDS

DEWEY BEGINS

DUNN AV ENDS

NELSON BEGINS

900 Vacant

901 Vacant

907 Johnson Jerry M © 523-2953

**ATLANTIC AV -FROM 416  
MITCHELL WEST ALONG  
A&EC RR**

ZIP CODE 28501

300 Vacant

302 Pigford

307 Vacant

309 Vacant

311 City Recreation Dept 527-9053

COLLEGE INTERSECTS

402 Green James D © 522-4909

402½ Grady Shirley B 527-0720

404 Casey Henry C © 527-8382

406 Lewis

410 Anderson Helen L 527-2431

412 No Return

POLLOCK INTERSECTS

502★Mc Loud Marie © 523-2696

504 Thigpen Carlton R ©  
523-6001

505 Privette Laura H © 527-4857

506 Caton Missouri P 523-5957

506½ Hill Helen Mrs 523-3945

507 Cooke Thos H © 527-0529

509★New Lloyd

509½★Dawson Ellen

PERRY INTERSECTS

600 No Return

602 Carraway Lena C © 527-1647

604 Vacant

605 Barnes Raymond L 522-1149

606 Shaw M Howard © 527-6437

RHEM INTERSECTS

703 Vacant

CAREY RD BEGINS  
LAROQUE AV BEGINS  
HINES AV BEGINS  
TERMINAL BEGINS  
ABBOTT BEGINS  
WALSTON AV BEGINS  
WAKE AV BEGINS1609 Laughinghouse Refrigeration  
Inc refgr equip mfr  
523-77921909 Kinston Refrigeration  
Appliance Repairs 527-6791**9-A****B STREET RT 8 -FROM MT  
VERNON DR SOUTH 1 EAST  
OF US HWY 258 N BY PASS**

ZIP CODE 28501

BOX NUMBERS

bx310 Mercer Donnie R ©  
522-3819

bx311 Mayo Walter M © 522-1080

bx312 Davis Leslie W Jr ©  
522-3516

bx313 Oliver Jerald B © 522-3794

bx314 Faulkner W Rayburn  
522-3975

bx315 Hester J Chas © 522-1245

**111**

**MANNING ST 1987**

|                             |                               |           |
|-----------------------------|-------------------------------|-----------|
| <b>MANNING ST -FROM 409</b> |                               | <b>7</b>  |
| <b>COLLEGE WEST 1 NORTH</b> |                               |           |
| <b>OF W BLOUNT</b>          |                               |           |
| ZIP CODE 28501              |                               |           |
| 405 Aswell                  | Mattie C ©                    |           |
| 407 Quinn                   | Robt 522-3339                 |           |
| 408 Rouse                   | Ellen C 523-2038              |           |
| 409                         | Vacant                        |           |
| 410 Bennet                  | Carlos                        |           |
| 411 Jernigan                | Ethel M 522-2416              |           |
| 411½ Goff                   | Diane Mrs 527-6179            |           |
| 412 Goble                   | Delman © 527-0109             |           |
| 412½ Hill                   | Norman W Jr ©                 |           |
|                             | 523-8712                      |           |
| 413 Street                  | Grocery                       |           |
| 414a Henson                 | Barbara 527-2866              |           |
| 414b Wade                   | Thelma Mrs 523-5112           |           |
| POLLOCK INTERSECTS          |                               |           |
| 503                         | Vacant                        |           |
| 505 Stanley                 | Essie ©                       |           |
| 507 Tucker                  | Ada Mrs © 523-1989            |           |
| 509                         | Vacant                        |           |
| 511                         | Vacant                        |           |
| PERRY INTERSECTS            |                               |           |
| RHEM INTERSECTS             |                               |           |
| HOOD BEGINS                 |                               |           |
| 800 Glen Raven Mills Inc    |                               |           |
|                             | synthetic yarn mfrs 527-9036  |           |
| 900 City Dept Pub Utilities |                               |           |
|                             | (Plant) 527-2151              |           |
|                             | City Dept Elec Distr 527-2151 |           |
| DUNN AV BEGINS              |                               |           |
|                             |                               | <b>15</b> |

# ATLANTIC AVE 1982

## ASPHALT RD RT 3—Contd

816 Vacant  
 817★Tillman John D Jr  
 818 Harris Wm A © 523-4221  
 819★Price Cynthia D Mrs  
 820 Vacant  
 821★Sandlin David  
 822 Wilkins Robt L ©  
 823 Gold Leaf Tobacco Warehouse  
 523-7244  
 826 Cannon Robt L 527-5311  
 828 Koonce James Jr  
 830 Barnett's Truck Lines Inc  
 523-2149

## ATLANTIC AV —FROM 416 MITCHELL WEST ALONG A&EC RR

ZIP CODE 28501

300 No Return  
 302 Wooten Lillian S Mrs ©  
 523-2053  
 307 City Public Schools (Admn  
 Bldg) 527-6161  
 309 City Pub Schs Cafeteria  
 Central Ofc 527-0007  
 311 City Recreation Dept 527-9053  
 COLLEGE INTERSECTS  
 402 Dosson Pat  
 402½ Moore Roland  
 404a Casey Henry C 527-8382  
 406 Daugherty Roscoe T ©  
 523-5477  
 Daniels Hokey L 523-0372  
 410 Hill Charles  
 412 Vacant  
 POLLOCK INTERSECTS  
 502 Wiley Albert ©  
 504 Thigpen Carlton R ©  
 523-6001  
 505 Privette Laura Mrs ©  
 527-4857  
 506 Caton Missouri 523-5957  
 506½ Hill Helen Mrs  
 507 Cooke Thos H © 527-0529  
 509 Bragdon Mary M Mrs ©  
 523-1526

509½ Branch Don  
 PERRY INTERSECTS  
 600 Quinn Lynwood S  
 602 Vacant  
 604 Shackelford Walter J  
 605★Nunn Marlene  
 606 Shaw M Howard 527-6437  
 RHEM INTERSECTS  
 700 Heath Robt 527-3130  
 702 No Return  
 703 Specialty Foods Inc deli  
 704 Amyette Raymond L 523-8778  
 705 Vacant  
 705b Hill Clifton  
 706 Vacant  
 707 Robinson Sybil A © 523-3017  
 708 Mercer Clara 527-9593  
 709 Elmore Viola B © 523-9858  
 710 No Return  
 711 Wilson Bertha Mrs ©  
 527-8209  
 712 Trott Edna E Mrs 523-1938  
 713 Cuddington Mary L Mrs  
 714 Walker Leon O 523-4033  
 715 Colonial Frozen Foods  
 HOOD ENDS  
 DEWEY BEGINS  
 800 Carlyle Sam L 527-3710  
 802 Balard Maude  
 804 Bogey Alvin T 527-0417  
 806 Jones Lloyd 527-6709  
 DUNN AV ENDS  
 NELSON BEGINS  
 900 City Light & Water  
 Department 527-2151  
 901 Poythress Ralph E ©  
 523-3738  
 907 Taylor Fonnny W Mrs ©  
 523-2953

## CAREY RD BEGINS LAROQUE AV BEGINS HINES AV BEGINS

1303★Nolan Wm D  
 1305★Ham David 523-0154  
 1307★Rolando Chris  
 1307½★Ham Danl P 523-9382  
 TERMINAL BEGINS

**MANNING ST 1982**

|                             |                      |          |
|-----------------------------|----------------------|----------|
|                             |                      | 7        |
| <b>MANNING ST —FROM 409</b> |                      |          |
| <b>COLLEGE WEST 1 NORTH</b> |                      |          |
| <b>OF W BLOUNT</b>          |                      |          |
| ZIP CODE 28501              |                      |          |
| 405                         | Aswell Mattie ©      | 527-6862 |
| 407                         | Henderson Irene      |          |
| 408                         | Rouse Ellen C ©      | 523-2038 |
| 409                         | Collins Isabelle     | 523-2491 |
| 410★                        | Garvey Robt L        | 527-9431 |
| 411                         | Bogey Mary Ellen     |          |
| 411½                        | Goff Arth            | 527-6179 |
| 412                         | Hood Glennie L       |          |
| 412½                        | Hill Verna B Mrs ©   |          |
| 413                         | Taylor Grocery       |          |
| 414                         | Heath Mollie R       | 527-5607 |
| <b>POLLOCK INTERSECTS</b>   |                      |          |
| 503                         | Howard Bettie R Mrs  |          |
|                             | 523-2860             |          |
| 505                         | Vacant               |          |
| 507                         | Vacant               |          |
| 509                         | Taylor Terry A       | 522-0216 |
| 511                         | Wade Thelma          |          |
| <b>PERRY INTERSECTS</b>     |                      |          |
| 600★                        | Reece Wm W           | 527-6741 |
| 602                         | Vacant               |          |
| 606                         | Vacant               |          |
| <b>RHEM INTERSECTS</b>      |                      |          |
| 701                         | Vacant               |          |
| 711                         | Vacant               |          |
| 715                         | Vacant               |          |
| <b>HOOD BEGINS</b>          |                      |          |
| 800                         | Glen Raven Mills Inc |          |
|                             | 527-9036             |          |
| 801                         | Hoover Herbert R     | 527-6817 |
| 803                         | Barker Charles J     |          |
| 805                         | Hines Johnny R       | 527-8251 |
| 807                         | Vacant               |          |

**MANNING ST 1982****MANNING ST—Contd**

900 City Dept Pub Utilities (Plant  
Dept) 527-2151

City Dept Elec Distr 527-2151

DUNN AV BEGINS

---

8

MADISON ST FROM HOLLAND

# ATLANTIC AVE 1977

## ATLANTIC AV—Contd

307 City Public Schools (Admn  
Bldg) 527-6161

309 City Pub Schs Cafeteria  
Central Ofc 527-0007

311 City Recreation Dept 527-0694  
COLLEGE INTERSECTS

402★Ham Diane C

402½★Beaman Betty W

404a Casey Henry C 527-8382

406★Daniels Hokey L ©  
Howard Charlotte B 527-7562

410★Hill Charlie

412 Harper Grace E Mrs gro  
523-4344

POLLOCK INTERSECTS  
502 Taylor Exie M Mrs ©  
523-4022

504 Thigpen Carlton R ©  
523-6001

505 Privette Laura Mrs ©  
527-4857

506★Caton Missouri 523-5957

506½★Hill Helen Mrs

507 Cooke Thos H 527-0529

508 Vacant

509 Bragdon Mary M Mrs ©  
523-1526

509½ Vacant

PERRY INTERSECTS  
600★Quinn Lynwood S  
602 Quinn Joseph W © 523-9900  
604★Brown Marvin E  
605★Shirley Ruth W Mrs  
327-1458

606★Shaw M Howard 527-6437

RHEM INTERSECTS  
700 Heath Robt 527-3130  
702 Barwick Beatrice 527-2665  
703 Vacant  
704 Amyette Raymond L 523-8778  
705★Jones Linda F  
706★Dawson Donny

707 Robinson Sybil A © 523-3017

708★Quinn Terry D 523-8869

709★Elmore Viola B © 523-8858

710 Horne Minnie E 523-1722

711 Wilson Bertha Mrs ©  
527-8209

712 Trott Edna E Mrs 523-1938

713 Edwards Jessie 527-8582

714 Walker Leon O

HOOD ENDS

DEWEY BEGINS

800 Carlyle Sam L 527-3710

802★Redd Saml W

804 Philyaw Floyd R 527-7797

806 Jones Lloyd 527-6709

DUNN AV ENDS

NELSON BEGINS

900 City Light & Water  
Department 527-2151

901 Poythress Ralph E ©  
523-9659

907 Taylor Fonnye W Mrs ©  
523-2953

9

CAREY RD BEGINS

LARQUE AV BEGINS

HINES AV BEGINS

1303 Johnson Patk K 527-6831

1305★Lilley Charles A 523-7276

1307 Vacant

1307½ Howard Murray H  
527-5959

TERMINAL BEGINS

ABBOTT BEGINS

WALSTON AV BEGINS

WAKE AV BEGINS

1909 Kinston Refrigeration  
Heating & Appliance  
Repairs 527-6791

19

BACK ST RT 4 (JACKSON  
HEIGHTS)—FROM 3308  
DAHLIA EAST TO DEAD  
END 3 SOUTH OF TYREE  
RD

ZIP CODE 28501

800 Strain C E 527-5943

804 Emery Maude C Mrs

807★Barnett Vernon B

808 Miller F Goodman

809★Britt James

WHEAT ENDS

**MANNING ST 1977****MANNING ST —FROM 409  
COLLEGE WEST 1 NORTH  
OF W BLOUNT**

ZIP CODE 28501

405 Aswell Maddie Mrs ©  
407 Brown Annie B Mrs  
408 Rouse Ellen C © 523-2038  
409 Collins Isabelle © 523-2491  
410 Bennett C H  
411 Bogey Mary W Mrs 527-2219  
411½ Jones Dianne

412 Hood  
412½ Hill Verna B Mrs ©  
413 Taylor Grocery  
414 Cox Helen D Mrs 523-4809

POLLOCK INTERSECTS

503 Howard Bettie R Mrs ©  
505 Vacant  
507 Vacant  
509 Vacant  
511 Helms Julia C Mrs 527-1863

PERRY INTERSECTS

600★Taylor Bud © 523-3239  
602 Sanders Clyde Rev 527-4017  
604 Pollock Wm A 523-1846  
606 Carter Elwood © 527-2413

RHEM INTERSECTS

701 Swinson Wm H  
703 Jarman Raymond E  
705★Ballad Mald  
707★Toler Geo  
709★Stallings Danny K  
711★Arnette Thurman  
713★Dawson Linnie  
715 Taylor Billy 527-6771

HOOD BEGINS

800 Glen Raven Mills Inc  
527-8123  
801★Hoover Herbert R 527-6817  
803★Redd W Harvey 523-6672  
805 Hines Johnny R  
807 Grady Robt E 527-6622  
900 City Dept Pub Utilities (Plant  
Dept) 527-2151  
City Dept Elec Distr 527-2151  
City Dept Utility Sups  
527-2151

7

DUNN AV BEGINS

8

**MAPLE LA —FROM HOLLY  
LA NORTH 1 EAST OF N  
INDEPENDENT ST**

ZIP CODE 28501

512 Williams F S  
E WASHINGTON AV  
INTERSECTS

20

**MARCELLA DR  
(GREENMEAD)—FROM 2108  
OLD SNOW HILL RD EAST  
1 NORTH OF MARILYN DR**

ZIP CODE 28501

401 Willoughby R L Jr ©  
527-7437  
402 Hill Inez E ©  
404★Moore Wm E © 523-8098  
405 Civils Donald C © 527-3822  
407 Blackburn Glenn W ©  
527-2397

MARSHA AV ENDS

500 Teacher's Memorial School  
527-0225

501 Vacant  
505 Vacant  
507 Wiley Durwood E 527-4909  
509 Garner Carl D © 523-4726

CECELIA ENDS

601 Jones Danny  
605 No Return  
609★Taylor Charles M ©  
527-1685

611★Hardison W J 527-4647

613 Hill Nathan H Rev ©  
523-5936

615 Tew Roberta Mrs © 523-9972

617 Ina's Beauty Shop  
Daw Ina L Mrs © 527-0196

619★Pate Ray 527-9259

621 Vacant

BRIARFIELD RD BEGINS  
CANDLEWOOD DR BEGINS

# ATLANTIC AVE 1972

## ATLANTIC AV—Contd

406 ★ Ginn Geo M  
Daugherty R T 523-5477  
410 ★ Clark Quincey A 527-6967  
412 Harper Grace E Mrs gro  
523-4344  
POLLOCK INTERSECTS  
502 Taylor Exie M Mrs ☉  
523-4022  
504 Thigpen Carlton R ☉  
523-6001  
505 Privette Laura Mrs ☉  
527-4857  
506 Garriss Beatrice W Mrs ☉  
523-4509  
506½ Vacant  
507 ★ Quinn James E 527-7263  
508 Heilig-Levine (Whse)  
509 Bragdon Mary M Mrs ☉  
523-2286  
509½ Vacant  
PERRY INTERSECTS  
605 Carter Ray 527-6089  
RHEM INTERSECTS  
702 Shaw Marion H  
703 Grace's Sandwich Co 523-5556  
704 Melton Ernest Jr 527-0687  
705 State Dept Of Mtr Vehicles  
(License Plate Agcy) 523-5292  
Hill Lonnie ☉ 523-5292  
706 Vacant  
708 ★ Philyaw Floyd R 527-7797  
710 Horne Minnie Mrs  
712 Trott James E 523-1938  
714 Walker Leon O  
HOOD ENDS  
DEWEY BEGINS  
800 Melton Susie L Mrs  
802 Doss Lonnie  
804 Carter Elwood  
806 Emory Wm A Jr  
DUNN AV ENDS  
900 City Light & Water  
Department 527-2151  
NELSON BEGINS  
901 Poythress R Edw ☉ 523-1590  
906 Vacant  
907 Taylor Fonnye W Mrs ☉  
523-2953

CAREY RD BEGINS  
LAROQUE AV BEGINS  
HINES AV BEGINS  
1303 Vacant  
1305 ★ Basden Chris M  
1307 ★ Basden Jene D 523-1360  
1307½ ★ Howard Mary H 527-5959  
TERMINAL BEGINS  
ABBOTT BEGINS  
1609 Carlton's Garage  
WALSTON AV BEGINS

WAKE AV BEGINS  
1909 Kinston Refrigeration Co  
527-6791

BACK ST RT 4 (JACKSON  
HEIGHTS)—FROM 3308  
DAHLIA EAST TO DEAD  
END 3 SOUTH OF TYREE  
RD

ZIP CODE 28501  
804 ★ Turner W E  
808 Tatum Edw Rev ☉ 523-5852  
WHEET ENDS  
900 Hill Leslie L ☉  
904 Powell James W ☉ 527-3298  
905 Lee Bert M ☉ 527-3691  
ORANGE ENDS

BAGBY'S AL —FROM 116 S  
ORION EAST 1 NORTH OF  
E BRIGHT

ZIP CODE 28501  
904 Vacant  
910 Robinson Wealthy H

BAILEY ST —FROM 1005  
SYCAMORE WEST 1 NORTH  
OF U S HWY 70

ZIP CODE 28501

**MANNING ST 1972**

108

**MAGNOLIA DR—Contd**

1010 Rhodes Louise © 527-3875  
 1011 Harper Robt C © 527-0004  
 1012 Pierce Faye Mrs © 527-1445  
 1014 ★ Brigman Kenneth E ©  
 527-8081

7

**MANNING ST —FROM 409  
 COLLEGE WEST 1 NORTH  
 OF W BLOUNT**

ZIP CODE 28501

405 Aycock Edward G © 527-8936  
 407 ★ Stocks Addie Mrs 523-1211  
 409 Collins Isabelle © 523-2491  
 410 ★ Clements Ethel M 523-8397  
 411 Bogey Mary W Mrs 527-5651  
 411½ ★ Gibson Olive R Mrs  
 527-6291

412 Eubanks Zilphia Mrs  
 412½ Hill Verna B Mrs  
 413 Gibson's Grocery 527-6291  
 414 Cox Hellen D Mrs 523-4809

POLLOCK INTERSECTS

503 Rouse Lonnie M  
 505 ★ Mercy Judy  
 507 Grant Charles © 523-6059  
 509 ★ Rouse Lucille T Mrs ©  
 511 Helms Julia H Mrs 527-1863

PERRY INTERSECTS

600 Civils Robt L 523-3239  
 602 Sanders Clyde Rev 527-4017  
 604 Pollock Wm A 523-1846  
 606 Furr Wm M © 523-5994

RHEM INTERSECTS

701 Carlyle Sam L  
 703 No Return  
 705 Carlyle Julian  
 707 Vacant  
 709 ★ Marshburn Claudie  
 711 Vacant  
 713 Jones Randolph L  
 715 No Return

HOOD BEGINS

800 Glen Raven Cotton Mills No  
 2 spng plant 527-8123  
 801 Amyette Raymond L 523-3492  
 803 Grady Eug

805 Hines John R  
 807 Swindell Arleigh A 523-3210  
 900 City Dept Pub Utilities (Plant  
 Dept) 527-2151  
 City Dept Elec Distr 527-2151  
 Dept Utility Sups 527-2151  
 DUNN AV BEGINS

8

**MAPLE LA —FROM E  
 WASHINGTON AV SOUTH 1  
 EAST OF N INDEPENDENT  
 ST**

ZIP CODE 28501

512 Yates Verna P Mrs 523-5345

20

**MARCELLA DR  
 (GREENMEAD)—FROM 2108  
 OLD SNOW HILL RD EAST  
 1 NORTH OF MARILYN DR**

ZIP CODE 28501

402 Patterson Fred H © 523-4357  
 404 Harrison Quincy E ©  
 523-4032

405 ★ Waters Glenwood W ©  
 527-8887

407 Blackburn Glenn W ©  
 527-2397

MARSHA AV ENDS

500 Teachers Memorial School  
 527-0225

501 Vacant

505 ★ Jones Dudley O  
 507 Wiley Durwood E 527-4909  
 509 Garner Carl D © 523-4726

CECELIA ENDS

601 Chase James N 523-9563  
 605 Causey Patsy Mrs  
 607 Smith Walter J 523-4175  
 609 ★ Mozingo Edgar M 527-7943  
 611 ★ King Richd G 527-1800  
 613 Hill Nathan H Rev 523-5936  
 615 King Curtis L  
 617 Daw Ina L Mrs © 527-1468  
 Ina's Beauty Shop 527-1468  
 619 ★ Jones Wm 527-5815

## ATLANTIC AVE 1968

9

## ASPHALT RD RT 3—CONTD

805 JONES HORACE R •

807 VACANT

809 VACANT

811 VACANT

812 JONES DORCAS MRS

813 GARRIS JAMES

814 VACANT

815 SAUDLIN CARL

816 VACANT

817 VACANT

818 COX ISABELLE MRS

819 VACANT

820 OUTLAW WILLIE R

527-3424

821 HOWARD MINIES

822 WITHINGTON JESSIE

823 SMITH CASPER JR

826 YOWS REMUS

828 STALLING MARY MRS

7

ATLANTIC AV —FROM 416

MITCHELL WEST ALONG

A&amp;EC RR

---ZIP CODE 28501

300 HART MOLLIE V

JA3-5739

302 WOOTEN CECIL W •

JA3-2053

306 WOOTEN WITA M MRS •

JA3-3765

307 CITY PUBLIC SCHOOL

(ADMN BLDG) 527-4103

311 JOYE ALLEN L •

JA7-1420

---COLLEGE INTERSECTS

402 SMITH LEE

402½ SMITH OTTIE MRS

404 CASEY HENRY C •

527-2284

WATERS ODELL JR

406 PAUL DENNIS

DAUGHETY R T 523-5477

410 MOORE MURRAY B

412 HARPER GRACE E MRS

GRO JA3-4344

---POLLOCK INTERSECTS

502 TAYLOR EXIE M MRS •

JA3-4022

504 GRICE KATIE MRS •

523-5576

505 PRIVETTE LAURA MRS

527-4857

506 GARRIS BEATRICE MRS

506½ CARTER JOYCE

507 LITTLE BO PEEP

NURSERY • 527-4865

KENNEDY LEVON

527-4865

508 HEILIG-LEVINE (WHSE)

509 BRAGDON MARY M MRS •

509½ CAMPBELL JAMES D

---PERRY INTERSECTS

605 VACANT

---RHEM INTERSECTS

700 PHILYOW FLOYD

702 SHAW HOWARD

703 GRACE'S SANDWICH CO •

523-5556

CONWAY JESSE P •

523-5556

704 GRIGG JETHRO A

JA7-1952

705 STATE DEPT OF MTR

VEHICLES (LICENSE

PLATE AGCY) 523-5292

HILL LONNIE •

523-5292

706 CARLYLE RICHARD

708 HORNE MINNIE E MRS

523-2288

710 GRADY EUGENE N

712 TROTT JAMES 523-3016

713 COUNTY SURPLUS FOOD

COMMODITIES

714 WALKER LEON O

---HOOD ENDS

---DEWEY BEGINS

800 MELTON SUSIE L MRS

JA7-1065

802 KENNEDY GENE

804 BOGEY ALVIN T

806 EMORY WM A JR

---DUNN AV ENDS

900 CITY LIGHT &amp; WATER

DEPARTMENT JA7-2102

---NELSON BEGINS

901 POYTHRESS R EDW •

JA3-6335

906 TAYLOR GEO P •

907 TAYLOR FONNY E W MRS

• JA3-2953

9

---CAREY RD BEGINS

## ATLANTIC AVE 1968

## ATLANTIC AV—CONTD

---LAROCUE AV BEGINS

---HINES AV BEGINS

1303 PRESSLEY JIMMY

1305 BAKER NEIL D

523-4158

1307 MALONEY PURNELL MRS

523-3384

1307½ HOWARD MARY H

---TERMINAL BEGINS

---ABBOTT BEGINS

1609 CARLTON'S GARAGE

AUTO REPRS JA3-5484

---WALSTON AV BEGINS

11

---WAKE AV BEGINS

1909 GWALTNEY PAINT &amp;

WALLPAPER CO

JA7-1990

19

BACK ST -FROM 3308 DAHLIA

## MANNING ST 1968

## MANNING ST—CONTD

511 WHITE AVA U MRS •

HELMS JULIA H MRS

---PERRY INTERSECTS

600 CIVILS ROBT L

JA3-3239

602 RIGGS LESLIE C

JA7-0698

604 POLLOCK WM A 523-4812

606 FURR WM M JA3-5994

---RHEM INTERSECTS

701 CARLYLE SAM L

527-4641

703 TAYLOR JONAS E

523-2668

705 VACANT

707 WILEY THELL

709 LEARY FLOYD 527-1225

715 VACANT

---HOOD BEGINS

800 GLEN RAVEN COTTON

MILLS NO 2 JA7-1675

801 AMYETTE RAYMOND L

JA3-3492

803 VACANT

805 HINES JOHN R

807 SWINDELL ARLEIGH A

900 CITY DEPT PUB

UTILITIES (PLANT

DEPT) 527-2102

CITY DEPT ELEC DISTR

527-2102

DEPT UTILITY SUPS

527-2102

---DUNN AV BEGINS

## ATLANTIC AVE 1964

ASPHALT RD (RD 3)--CONTD  
 821 HOWARD MINIES  
 822 GCEFF RAYMOND  
 823 STALLINGS TOM  
 826 VACANT  
 828 MOORE ISABEL R MRS  
 834 VACANT

-----  
 ATLANTIC AV -FROM 416  
 MITCHELL WEST ALONG  
 A&EC RR

300 HART MOLLIE V  
 JA3-5739  
 302 WCOTEN CECIL W •  
 JA3-2053  
 304 MEWBORN JIMMIE H •  
 JA3-3503  
 306 WCOTEN WITA M MRS •  
 JA3-3765  
 307 CITY PUBLIC LIBRARY  
 JA3-3659  
 309 ROUSE C STANLEY •  
 JA3-2403  
 311 JOYE ALLEN L •  
 JA7-1420  
 312 MILLS PAUL  
 ---COLLEGE INTERSECTS  
 402 SMITH LEE  
 402½ ROBINSON PAUL  
 404 CASEY HENRY C  
 406 DAUGHERTY ROSCOE T •  
 JA3-5477  
 DAUGHERTY R T LIVE  
 BAIT  
 410 MOORE MURRAY B  
 412 HARPER GRACE E MRS  
 GRC JA3-4344  
 ---PCLLOCK INTERSECTS  
 502 TAYLOR EXIE M MRS •  
 JA3-4022  
 504 TURNER MATTHEW J •  
 523-9314  
 505 TAPSCOTT MINNIE L MRS  
 523-6760  
 506 WILLIFORD CAGGIE •  
 JA3-6585  
 506½ REAVES NCAH  
 507 NUNN HENRY S JA3-2400  
 508 HEILIG-LEVINE WHSE

509 BRAGDON MARY M MRS •  
 JA3-2286  
 509½ CREEL JAMES E  
 JA7-3308  
 ---PERRY INTERSECTS  
 605 KENNEDY GENE  
 ---RHEM INTERSECTS  
 700 WALKER LECN O JR  
 702 BOGEY ALVIN T  
 703 GRACE'S SANDWICH CO •  
 523-5556  
 704 GRIGG JETHRO A •  
 JA7-1952  
 705 IPOCK WALTER B •  
 523-4324  
 706 CARLYLE RICHARD  
 708 HORNE MINNIE E MRS  
 523-2288  
 710 GRADY EUGENE N  
 712 HESTER SIDNEY M  
 714 BRUCE HENRY A  
 ---HOOD ENDS  
 ---DEWEY BEGINS  
 800 LITTLE JOSEPH L  
 JA7-1065  
 802 VACANT  
 804 PCTTER GEORGIANNA C  
 MRS JA3-4506  
 806 EMORY WM A JR  
 ---DUNN AV ENDS  
 COR CITY LIGHT & WATER  
 DEPARTMENT JA7-2102  
 ---NELSON BEGINS  
 901 POYTHRESS R EDW •  
 JA3-6335  
 906 TAYLOR GEC P  
 907 TAYLOR MARK K •  
 JA3-2953

9  
 ---CAREY RD BEGINS  
 ---LAROQUE AV BEGINS  
 ---HINES AV BEGINS  
 1303 NO RETURN  
 1305 RIDDLE DUNCAN D  
 523-2020  
 1307 STAINBACK MAX  
 527-0314  
 1307½ HOWARD MARY H  
 ---TERMINAL BEGINS  
 ---ABBOTT BEGINS  
 1609 CARLTON'S GARAGE  
 AUTO REPRS JA3-5484  
 ---WALSTON AV BEGINS

## MANNING ST 1964

106

19  
MAGNOLIA DR -FROM 1729  
GOODMAN RD NORTH 2 WEST  
OF WHITFIELD DR

1002 JANIE'S BEAUTY SHOP  
523-6692  
1004 KENNEDY CARL  
523-6692  
1005 PATE W LEO •  
523-6945  
1007 TAYLOR FRED JA7-3659  
JONES LOSSIE B MRS  
1008 PADGETT MELVIN •  
REAR KORNEGAY BEULAH S  
MRS  
1010 RHODES LONNIE B  
RHODES LOUISE MRS  
1011 HARPER ROBT C •  
JA7-0004  
1012 KENNEDY RAYMOND A •  
JA3-9796  
KENNEDY BARRY R  
1014 BYRD PAUL E •

7  
MANNING ST -FROM 409  
COLLEGE WEST 1 NORTH OF  
W BLOUNT

405 AYCOCK ANNIE W MRS •  
JA3-6723  
407 BOYETTE ERNEST W •  
JA3-2834  
408 ROUSE SALLIE H MRS •  
JA3-2038  
409 COLLINS IRENE E MRS •  
JA3-2491  
410 N C REHABILITATION  
CENTER BOARDING  
HOUSE FOR GIRLS  
411 VACANT  
412 TILGHMAN WARREN D REV  
• JA3-5856  
413 SMITH J D GROCERY  
414 WILCOX MOLLIE J MRS •  
JA3-2806  
---POLLOCK INTERSECTS  
503 DAIL INA C MRS  
505 VACANT  
507 TILLEY EUG W •  
JA3-6059

509 AMYETTE AMOS  
511 WHITE AVA U MRS •  
JA3-2482  
HELMS JULIA H MRS  
---PERRY INTERSECTS  
600 CIVILS ROBT L  
JA3-3239  
602 RIGGS LESLIE C  
JA7-0698  
604 AVERY CLIFTON F  
606 FURR WM M JA3-5994  
---RHEM INTERSECTS  
701 CARLYLE SAM L  
703 KOONCE E B JA3-4730  
705 POTTER ELDRIDGE L  
707 WILEY ZELL  
709 JONES GEO T  
711 VACANT  
713 LEARY FLOYD D  
715 TROTT JAMES E  
---HCOB BEGINS  
800 GLEN RAVEN COTTON  
MILLS NO 2 OFC  
JA7-1675  
801 AMYETTE RAYMOND L  
JA3-3492  
803 SWINDELL ARLEIGH A  
JA3-3210  
805 VACANT  
807 ALPHIN JOHN R  
JA3-2284  
---DUNN AV BEGINS

8  
MAPLE LA -FROM E PEYTON  
AV NORTH ½ BLK EAST OF  
N INDEPENDENT

512 YATES VERNA P MRS  
JA3-5345

20  
MARCELLA DR (G) -FROM  
2108 OLD SNOW HILL RD  
EAST 1 NORTH OF MARILYN  
DR

400 TEACHERS MEMORIAL  
SCHOOL JA7-0225  
404 HARRISON QUINCY E •  
JA3-4032

BK 1439PG0328

MARGARET SEYMOUR  
REGISTER OF DEEDS  
LENOIR COUNTY

05 AUG 31 PM 3:08

LENOIR COUNTY NC 08/31/2005

\$500.00

Real Estate  
Excise Tax

## DEED

Parcel: 452513047216

Revenue Stamps: \$ \_\_\_\_\_

STATE OF NORTH CAROLINA  
COUNTY OF LENOIR
 OFFICE OF LENOIR COUNTY  
TAX ADMINISTRATOR  
by ST  
date 08-31-05

INDEXED

THIS DEED, made and entered into this the 28<sup>th</sup> day of July, 2005,  
by and between NATIONAL SPINNING CO, INC., party of the first part, and MCCONNELL  
HOLDINGS, INC., having an address of \_\_\_\_\_,  
party of the second part;

## WITNESSETH:

That the party of the first part in consideration of the sum of Ten and No/100  
Dollars (\$10.00) and other good and valuable considerations to said party paid by the party of the  
second part, the receipt of which hereby is acknowledged, has bargained and sold and by these  
presents does bargain, sell and convey unto the party of the second part, said party's successors  
and assigns, the following described property, to wit:

All that certain lot or parcel of land situated in the City of Kinston,  
Lenoir County, North Carolina, more particularly described on  
Exhibit A which is attached hereto and incorporated herein by  
reference.

This conveyance is made subject to the Permitted Exceptions  
shown on the attached Exhibit B which is incorporated herein by

Prepared by WARD AND SMITH, P.A., 120 West Fire Tower Road, PO Box 8088,  
Greenville, NC 27835-8088

No opinion on title is rendered by WARD AND SMITH, P.A., without a separate written opinion on  
title from WARD AND SMITH, P.A.

\$ 500.00  
\$ 32.00

BK 1439PG0329

reference, utility easements and unviolated restrictive covenants that do not materially affect the value of the property and ad valorem taxes for the current year, which taxes the party of the second part, by acceptance of this deed, assumes and agrees to pay.

TO HAVE AND TO HOLD said property and all privileges and appurtenances thereunto belonging to the party of the second part, said party's successors and assigns forever.

And the party of the first part covenants that said party is seized of said property in fee and has the right to convey same in fee simple; that the same is free from encumbrances except any encumbrances or restrictions mentioned above and that said party will warrant and defend the title to the same against the lawful claims of all persons whomsoever.

IN TESTIMONY WHEREOF, the party of the first part has caused this instrument to be executed in such form as to be binding, all by authority of its Board of Directors first duly given, this the day and year first above written.

NATIONAL SPINNING CO., INC.

By:

*James W. Chesnut*  
JAMES W. CHESNUT, President

BK1439PG0330

STATE OF North Carolina  
COUNTY OF Beaufort

I, Tanya L. Hardison, a Notary Public in and  
for said County and State, do hereby certify that James W. Chesnut personally came  
before me this day and acknowledged that he is \_\_\_\_\_ President of NATIONAL SPINNING  
CO., INC., a corporation, and that he, as \_\_\_\_\_ President being authorized to do so,  
executed the foregoing on behalf of the corporation.

WITNESS my hand and notarial seal, this the 28 day of July, 2005.

Tanya L. Hardison  
Notary Public

My Commission Expires:

06-23-2010



Notary seal or stamp must appear within this box.

BK 1439PG0331

STATE OF NORTH CAROLINA  
COUNTY OF LENOIR

The foregoing certificate of Janya L. Hardison, Notary Public for Beaufort NC  
~~Notary Public of said County and State~~, is certified to be correct. This instrument was presented  
for registration this day and hour and duly recorded in the office of the Register of Deeds of  
Lenoir County, North Carolina, in Book 1439, Page 328.

This the 31 day of August, 2005, at 3:08 o'clock  
P.M.

Margaret Seymour  
Register of Deeds

by Cathy Bryant, Asst.

GVMAIN(3939661)

COPY

BK 1439PG0332

EXHIBIT A

Being all of that parcel of land consisting of 13.09 acres, excluding the right of way of roads and including .28 acres leased to Glen Raven Village Church, as depicted on a survey entitled, "Map of Record Glen Raven, Inc." prepared by John A. Rudolph, PLS, dated December 1, 2000, which survey is recorded in Plat Cabinet 7, Page 100, Lenoir County Registry. Together with easements contained in Deed Book 871, Page 886 and Book 871, Page 889, Lenoir County Registry.

Less and except the portion of said property described as follows:

Being all of that certain approximately 1.369 acre tract of land located on the south side of Atlantic Avenue and on the west side of Rhem Street, and being more particularly described on that survey prepared by Gary S. Miller & Associates, P.A., dated February 22, 2005, titled "Survey for Glen Raven Baptist Church", which survey appears of record in Map Book 10, at Page 23, of the Lenoir County Public Registry, and reference to which survey is hereby made for a more complete and accurate description.

BK 1439PG0333

EXHIBIT B

PERMITTED EXCEPTIONS

1. Plat recorded in Plat Cabinet 2, Slide 150, Page 299 and Plat Cabinet 4, Page 282 shows utility easements, railroad easement and an easement on either side of property lines.
2. Plat recorded in Plat Cabinet 7, Page 100 shows general utility and limited ingress and egress easement (also shown on Plat Cabinet 2, Slide 150, Page 229); fence encroachment on western boundary line of City of Kinston; small portion of concrete encroaching into right of way of City of Kinston; Norfolk Southern Railway Easement; Easement along each side of water line (also shown on Plat Cabinet 4, Page 282); and General Utility easement (also shown on Plat Cabinet 2, Slide 150, Page 239).
3. Lease and Agreement recorded in Book 322, Page 402, aforesaid County Registry.
4. Easement(s)/Right(s) of way in favor of the City of Kinston recorded in Book 565, Page 338; Book 586, Page 370; Book 872, Page 839, aforesaid County Registry.
5. Survey dated 12/02/00 by John A. Rudolph, PLS, reveals the following:
  - a. 20 foot utility easement; 10 foot utility easement; 30 foot utility and limited ingress and egress easement;
  - b. utility poles; electric lines; and concrete retaining wall.
6. Rights of others in and to the portion of land within the right of way of Manning Street, Norfolk Southern Railway; Perry Street.
7. Right(s) of others for ingress and egress purposes in and to the use of the dirt road located on subject property as shown on plat of survey by John A. Rudolph, PLS dated 12/01/00.

BK 1439PG0334

8. Easement contained in Deed Book 871, Page 886 and Book 871, Page 889, Lenoir County Registry.
9. Ad valorem taxes for the year 2005 and subsequent years.
10. Such additional exceptions as are listed on Schedule B of Grantee's Title Insurance Commitment relating to this transaction.
11. Encroachment upon right of way of Manning Street adjoining on the West by the chainlink fence and the concrete pad appurtenant to the subject Property as shown on plat of survey dated December 1, 2000 by John A. Rudolph, P.L.S.

COPY

Lenoir County, North Carolina - Property Record Card

Map Number: 452513047216  
Record No: 7858  
Data as of: 30-NOV-15 - 01:30:00

|                              |                           |                  |                      |
|------------------------------|---------------------------|------------------|----------------------|
| OWNERSHIP 11302015 19146 302 | PROPERTY DESCRIPTION      | TAX SUBDIVISIONS | MAP NUMBER CARD NO   |
| MCCONNELL HOLDINGS, INC      | 800 MANNING ST            | KINSTON          | 452513047216 2       |
| 2018 W VERNON AVE            | FINISHED BASEMENT 14500SF | CITY OF KINSTON  | RECORD NUMBER: 40380 |
| KINSTON NC 28504             | FIRST FLOOR 107500SF      |                  | ROUTE                |
| DEED: 1439 328 07282005 - 99 | SECOND FLOOR 25300SF      |                  | LISTER: _____        |
|                              | TOTAL 147300SF            |                  | REVIEW: _____        |

|      |        |         |        |
|------|--------|---------|--------|
| TOPO | STREET | UTILITY | ZONING |
|------|--------|---------|--------|

NOTES: MAIN MANUFACTURING PLANT  
: CONSTRUCTED FROM 1907 TO 1979

|   |            |      |  |
|---|------------|------|--|
| # | LAND CLASS | SIZE | BASERATE * FRNT * DPTH * ADJ = ADJRATE * UNITS = LND-VALUE |
|---|------------|------|--|

LAND VALUE: \_\_\_\_\_ O

|   |            |      |   |
|---|------------|------|---|
| # | OTHER FEAT | SIZE | BASERATE * COND = ADJRATE * UNITS = OFB-VALUE |
|---|------------|------|---|

OTHER VALUE: \_\_\_\_\_ O

|            |          |          |          |          |                          |
|------------|----------|----------|----------|----------|--------------------------|
| FOUNDATION | XTRFNISH | ROOFTYPE | ROOFMTRL | SIZE/QTY | DPRT: 9- MANUAL          |
| CONCRETE   | BRICK    | DBLPITCH | METAL    | 1.00STHT | SF- LOOKUP: 2- BY- CLASS |
|            |          |          |          | 15' WALL |                          |
| WALLFNISH  | FLOORS   | HEAT&AIR | HEATFUEL |          |                          |
| UNFINISH   | CONCRETE | NONE     | NONE     |          |                          |

|                             |                      |  |
|-----------------------------|----------------------|--|
| IND/WHSE INDUSTRIAL D B1907 | FAIR                 | CONDITION  |
| #                           | STRUCTURE            | SKTCH- SF * STHT = AREA RATE * GRDF + HEAT + EXWL * WLHT = ADJRAT * AREA = RPCN * DEPF * CNDF = STR- VALUE |
| A                           | 54INDUSTRY           | 147300   1.00   147300   26.64   1.02   27.17   147300   4002141   0.05   0.25   50027                     |
|                             | 147300HSF, 147300TSF | RPCN- 27.17/HSF 4002141 VALU- 0.34/HSF 50027   |

STRUCTURE VALUE: \_\_\_\_\_ 50027

CARD 2 VALUE \_\_\_\_\_ 50027

# Lenoir County, North Carolina - Property Record Card

Map Number: 452513047216  
Record No: 7858  
Data as of: 30-NOV-15 - 01:30:00

|   |  |  |   |
|---|--|--|---|
| OWNERSHIP 11302015 19146 302<br>MCCONNELL HOLDINGS, INC               | PROPERTY DESCRIPTION<br>800 MANNING ST | TAX SUBDIVISIONS<br>KINSTON<br>CITY OF KINSTON | MAP NUMBER CARD NO<br>452513047216 3                |
| 2018 W VERNON AVE<br>KINSTON NC 28504<br>DEED: 1439 328 07282005 - 99 | SEPARATE PREFAB WAREHOUSE              |  | RECORD NUMBER: 40381<br>ROUTE<br>LISTER:<br>REVIEW: |

|                                |        |
|--------------------------------|--------|
| 6<br>2<br>B-<br>WHSE-STG:      | 6<br>2 |
| @                              | 86     |
| 1<br>7<br>2<br>A-<br>WHSE-STG2 | 1<br>7 |
| 86                             |        |

|                                  |                      |                      |  |   |
|----------------------------------|----------------------|----------------------|--|---|
| TOPO                             | STREET               | UTILITY              | ZONING   | NOTES:                                  |
| #                                | LAND CLASS           | SIZE                 | BASERATE*FRNT*DPHT*ADJ=ADJRATE*UNITS=LND-VALUE |   |
| LAND VALUE:                      |                      |                      |  | O                                       |
| #                                | OTHER FEAT           | SIZE                 | BASERATE*COND                                  | =ADJRATE*UNITS=OFB-VALUE                |
| OTHER VALUE:                     |                      |                      |  | O                                       |
| FNDATION<br>CONCRETE<br>CONTWALL | XTRFNISH<br>PREF-MTL | ROOFTYPE<br>DBLPITCH | ROOFMTRL<br>METAL                              | SIZE/QTY<br>1.00STHT<br>24' WALL        |
| WALLFNISH<br>UNFINISH            | FLOORS<br>CONCRETE   | HEAT&AIR<br>SPACEHTR | HEATFUEL<br>GAS                                | DPRT: 9-MANUAL<br>SF-LOOKUP: 2-BY-CLASS |

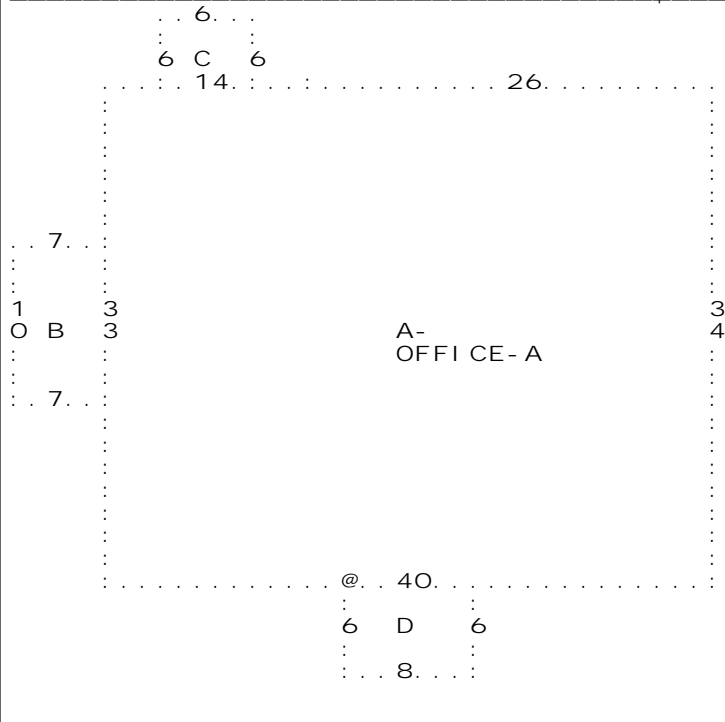
|  |             |           |       |          |       |           |        |       |           |        |        |          |       |           |
|--|-------------|-----------|-------|----------|-------|-----------|--------|-------|-----------|--------|--------|----------|-------|-----------|
| IND/WHSE INDUSTRIAL C B1993                          |             |           |       | AVERAGE  |       | CONDITION |        |       |           |        |        |          |       |           |
| DIMENSIONS: A- CU172R86D172L86 B- U172CU62R86D62L86H |             |           |       |          |       |           |        |       |           |        |        |          |       |           |
| #  | STRUCTURE   | SKTCH-SF* | STHT= | AREA     | RATE* | GRDF+HEAT | +EXWL* | WLHT= | ADJRAT*   | AREA=  | RPCN*  | DEPF*    | CNDF= | STR-VALUE |
| A  | 47CWHSE-STG | 14792     | 1.00  | 14792    | 26.99 | 1.60      |        | 1.23  | 35.17     | 14792  | 520235 | 0.50     | 0.25  | 65029     |
| A  | 98CSPRKN-FP | 14792     | 1.00  | 14792    | 2.50  |           |        |       | 2.50      | 14792  | 36980  | 0.50     | 0.25  | 4623      |
| B  | 47 WHSE-STG | 5332      | 1.00  | 5332     | 26.99 | 1.60      |        | 1.23  | 35.17     | 5332   | 187526 | 0.50     | 0.25  | 23441     |
| B  | 98 SPRKN-FP | 5332      | 1.00  | 5332     | 2.50  |           |        |       | 2.50      | 5332   | 13330  | 0.50     | 0.25  | 1666      |
| 20124HSF,  |             |           |       | 40248TSF |       |           |        | RPCN- | 37.67/HSF | 758071 | VALU-  | 4.71/HSF | 94759 |           |

|                  |       |
|------------------|-------|
| STRUCTURE VALUE: | 94759 |
| CARD 3 VALUE     | 94759 |

# Lenoir County, North Carolina - Property Record Card

Map Number: 452513047216  
Record No: 7858  
Data as of: 30-NOV-15 - 01:30:00

|   |  |  |  |
|---|--|--|--|
| OWNERSHIP 11302015 19146 302<br>MCCONNELL HOLDINGS, INC               | PROPERTY DESCRIPTION<br>800 MANNING ST<br>REAR OF PLANT 100YR/FZ | TAX SUBDIVISIONS<br>KINSTON<br>CITY OF KINSTON | MAP NUMBER CARD NO<br>452513047216 1<br>RECORD NUMBER: 7858<br>ROUTE 452513107<br>LISTER: 01/09<br>REVIEW: |
| 2018 W VERNON AVE<br>KINSTON NC 28504<br>DEED: 1439 328 07282005 - 99 | 800 MANNING ST   |  |  |



|                   |        |         |               |             |             |              |
|-------------------|--------|---------|---------------|-------------|-------------|--------------|
| TOPO<br>FLOODZONE | STREET | UTILITY | ZONING<br>I 1 | 11.69 ACRES | AFCT: 9- NO | NBHD<br>0995 |
|-------------------|--------|---------|---------------|-------------|-------------|--------------|

| # | LAND CLASS | SIZE    | BASERATE* | FRNT* | DPTH* | ADJ=ADJRATE* | UNITS= | LND-VALUE |
|---|------------|---------|-----------|-------|-------|--------------|--------|-----------|
| 1 | 9MLAND     | 11.69AC | 10000     |       |       | 0.75         | 7500   | 11.69     |

| # | OTHER FEAT    | SIZE | BASERATE* | COND   | =ADJRATE* | UNITS= | OFB-VALUE |
|---|---------------|------|-----------|--------|-----------|--------|-----------|
| 1 | 93CSI TEI MPR | 1*   | 1         | 16000. |           | 16000. | 1         |

OTHER VALUE: 16000

|                                  |                    |                      |                      |                                 |   |
|----------------------------------|--------------------|----------------------|----------------------|---------------------------------|---|
| FNDATION<br>CONCRETE<br>CONTWALL | XTRFNISH<br>BRICK  | ROOFTYPE<br>DBLPITCH | ROOFMTRL<br>COMPSHNG | SIZE/QTY<br>1.00SHT<br>14' WALL | DPRT: 9- MANUAL<br>SF- LOOKUP: 2- BY- CLASS |
| WALLFNSH<br>PLASTER              | FLOORS<br>CPT/VINL | HEAT&AIR<br>FWA/CAC  | HEATFUEL<br>ELECTRIC |                                 |   |

| IND/WHSE INDUSTRIAL D B1920   |            |            |       | FAIR    |       | CONDITION       |       |                 |       |        |       |          |           |
|---|------------|------------|-------|---------|-------|-----------------|-------|-----------------|-------|--------|-------|----------|-----------|
| DIMENSIONS: A- CR4OU34L26D1L14D33 B- U12CU10L7D10R7 C- U21R4CR6U6L6D6 D- L4D33R16CD6R8U6L8H |            |            |       |         |       |                 |       |                 |       |        |       |          |           |
| #   | STRUCTURE  | SKTCH- SF* | STHT= | AREA    | RATE* | GRDF+HEAT+EXWL* | WLHT= | ADJRAT*         | AREA= | RPCN*  | DEPF* | CNDF=    | STR-VALUE |
| A   | 30OFFICE-A | 1346       | 1.00  | 1346    | 83.48 |                 | 1.05  | 87.65           | 1346  | 117977 | 0.05  | 0.25     | 1475      |
| B   | 81 PORCH   | 70         | 1.00  | 70      | 20.07 |                 |       | 20.07           | 70    | 1405   | 0.05  | 0.25     | 18        |
| C   | 81 PORCH   | 36         | 1.00  | 36      | 20.07 |                 |       | 20.07           | 36    | 723    | 0.05  | 0.25     | 9         |
| D   | 81 PORCH   | 48         | 1.00  | 48      | 20.07 |                 |       | 20.07           | 48    | 963    | 0.05  | 0.25     | 12        |
|   |            | 1346HSF,   |       | 1500TSF |       |                 |       | RPCN- 89.95/HSF |       | 121068 | VALU- | 1.12/HSF | 1514      |

| STRUCTURE VALUE: |                      |        |        | 1514 |                         |
|------------------|----------------------|--------|--------|------|-------------------------|
| VALUATION        | THIS CARD+CARDS2- 3= | VALUE  |        |      |                         |
| LAND             | 87675                | 0      | 87675  |      | 7500LV/AC               |
| OTHERFEAT        | 16000                | 0      | 16000  |      |                         |
| STRUCTURE        | 1514                 | 144786 | 146300 |      | 78TV/HSF                |
| TOTAL            | 105189               | 144786 | 249975 |      | 78TV/HSF                |
|                  |                      |        |        |      | APPRAISED-VALUE: 249975 |

## **Appendix 15.5**

### **Regulatory Records Documentation**

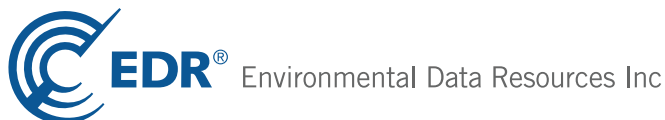
**Former Glen Raven Mills**

800 Manning Street  
Kinston, NC 28501

Inquiry Number: 4479037.2s  
December 21, 2015

# The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](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 the environmental records was conducted by Environmental Data Resources, Inc. (EDR). MID-ATLANTIC ASSOCIATES used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by MID-ATLANTIC ASSOCIATES. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

800 MANNING STREET  
KINSTON, NC 28501

#### **COORDINATES**

|                                |                             |
|--------------------------------|-----------------------------|
| Latitude (North):              | 35.2651000 - 35° 15' 54.36" |
| Longitude (West):              | 77.5907000 - 77° 35' 26.52" |
| Universal Transverse Mercator: | Zone 18                     |
| UTM X (Meters):                | 264326.8                    |
| UTM Y (Meters):                | 3905321.5                   |
| Elevation:                     | 44 ft. above sea level      |

### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

|                      |                       |
|----------------------|-----------------------|
| Target Property Map: | 5945006 KINSTON, NC   |
| Version Date:        | 2013                  |
| South Map:           | 5944970 RIVERMONT, NC |
| Version Date:        | 2013                  |

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

|                         |          |
|-------------------------|----------|
| Portions of Photo from: | 20120511 |
| Source:                 | USDA     |

# MAPPED SITES SUMMARY

Target Property Address:  
800 MANNING STREET  
KINSTON, NC 28501

Click on Map ID to see full detail.

| MAP ID              | SITE NAME            | ADDRESS              | DATABASE ACRONYMS                               | RELATIVE ELEVATION | DIST (ft. & mi.)<br>DIRECTION |
|---------------------|----------------------|----------------------|---|--------------------|-------------------------------|
| <a href="#">Reg</a> | KINSTON COAL GAS PLA |                      | NC HSDS   | Same               | 3533, 0.669, SSE              |
| <a href="#">A1</a>  | CITY OF KINSTON-MANN | MANNING ST. POWER PL | LUST, LUST TRUST, IMD                           | Higher             | 156, 0.030, WNW               |
| <a href="#">A2</a>  | CITY OF KINSTON      | 900 MANNING STREET   | UST   | Higher             | 251, 0.048, WNW               |
| <a href="#">3</a>   | THOMAS RESIDENCE (WA | 600 NELSON STREET    | LUST, LUST TRUST, IMD                           | Lower              | 606, 0.115, NNW               |
| <a href="#">4</a>   |                      | 603 W WASHINGTON AVE | EDR Hist Cleaner                                | Lower              | 655, 0.124, NE                |
| <a href="#">B5</a>  | JOHN SHAO/HOUSE OF W | 708 W VERNON AVE     | LUST, IMD                                       | Higher             | 1196, 0.227, North            |
| <a href="#">C6</a>  | BRINKLEY'S SERVICE C | 820 W. VERNON AVE.   | LUST, LUST TRUST, UST                           | Higher             | 1201, 0.227, NNW              |
| <a href="#">C7</a>  | BRINKLEY'S SERVICE C | 820 W.VERNON AVE.    | IMD   | Higher             | 1211, 0.229, NNW              |
| <a href="#">B8</a>  | CAROLINA DIXIE GRAIN | HIGHWAY 258 NORTH    | UST   | Higher             | 1231, 0.233, North            |
| <a href="#">B9</a>  | FASTLAND FOOD MART   | 701 WEST VERNON AVEN | LUST, LUST TRUST, UST, IMD, Financial Assurance | Higher             | 1310, 0.248, North            |
| <a href="#">B10</a> | KWIK MART #4/WOOTEN  | 701 W. VERNON AVE    | IMD   | Higher             | 1320, 0.250, North            |
| <a href="#">C11</a> | KINNEY'S SERVICE CEN | 813 WEST VERNON AVE. | LUST TRUST, IMD                                 | Higher             | 1322, 0.250, NNW              |
| <a href="#">C12</a> | JOHN KINNEY'S EXXON  | 813 WEST VERNON AVEN | LUST, UST                                       | Higher             | 1322, 0.250, NNW              |
| <a href="#">D13</a> | TEAGUE RESIDENCE (FR | 411 WEST LENOIR AVE  | LUST, LUST TRUST                                | Lower              | 1325, 0.251, NE               |
| <a href="#">B14</a> | KWIK MART #4/WOOTEN  | 701 W. VERNON AVE    | LUST, UIC                                       | Higher             | 1330, 0.252, North            |
| <a href="#">D15</a> | WOOTEN RESIDENCE     | 409 WEST LENOIR AVE  | LUST, LUST TRUST, IMD                           | Lower              | 1331, 0.252, NE               |
| <a href="#">16</a>  | GOODYEAR TIRE SERVIC | 1001 W. VERNON AVE   | LUST, IMD                                       | Higher             | 1421, 0.269, NNW              |
| <a href="#">E17</a> | C-MART #2            | 601 NORTH MITCHELL S | IMD, FINDS                                      | Higher             | 1443, 0.273, ENE              |
| <a href="#">E18</a> | BEARD'S SERVICE CENT | 607 MITCHELL STREET  | LUST  | Higher             | 1454, 0.275, ENE              |
| <a href="#">E19</a> | C-MART 2             | 601 NORTH MITCHELL S | LUST, UST                                       | Higher             | 1511, 0.286, ENE              |
| <a href="#">E20</a> | C-MART #2 (SEE ALSO  | 601 MITCHELL STREET  | IMD   | Higher             | 1545, 0.293, ENE              |
| <a href="#">F21</a> | TURNER PROPERTY (L.C | 1104 WEST VERNON AVE | LUST TRUST                                      | Higher             | 1683, 0.319, NW               |
| <a href="#">F22</a> | DR. LYNNWOOD TURNER  | 1104 W. VERNON AVENU | LUST, IMD                                       | Higher             | 1683, 0.319, NW               |
| <a href="#">23</a>  | MASON PROPERTY (SLOA | 900 WEST ROAD        | LUST, LUST TRUST                                | Higher             | 1825, 0.346, NNW              |
| <a href="#">G24</a> | CAROLINA TELEPHONE   | 600 HERITAGE ST.     | LUST, LUST TRUST, IMD                           | Lower              | 1889, 0.358, ENE              |
| <a href="#">G25</a> | FORMER THOMPSON DODG | 602 NORTH HERITAGE S | LUST, IMD                                       | Lower              | 1889, 0.358, ENE              |
| <a href="#">G26</a> | KINSTON CENTRAL OFFI | 600 N HERITAGE ST    | LUST, UST                                       | Lower              | 1889, 0.358, ENE              |
| <a href="#">G27</a> | ALBAIN SHIRT COMPANY | 619 HERITAGE STREET  | LUST, LUST TRUST, IMD                           | Lower              | 1912, 0.362, ENE              |
| <a href="#">28</a>  | HOOD RESIDENCE (JOHN | 809 LAROQUE AVENUE   | LUST, LUST TRUST, IMD                           | Higher             | 2049, 0.388, NW               |
| <a href="#">29</a>  | TAYLOR RESIDENCE (EL | 904 CAREY ROAD       | LUST, LUST TRUST                                | Higher             | 2065, 0.391, NNW              |
| <a href="#">30</a>  | CHERRY RESIDENCE (GL | 900 PERRY PARK DRIVE | LUST, LUST TRUST, IMD                           | Higher             | 2129, 0.403, North            |
| <a href="#">H31</a> | HARDEE'S PROPERTY    | 200 WEST VERNON AVEN | LUST, LUST TRUST                                | Lower              | 2233, 0.423, ENE              |
| <a href="#">I32</a> | LENOIR COUNTY LIBRAR | 510 NORTH QUEEN STRE | LUST  | Lower              | 2308, 0.437, East             |
| <a href="#">J33</a> | FIRST AMER. FED. SAV | 604 N. QUEEN ST.     | LUST, IMD                                       | Lower              | 2315, 0.438, East             |
| <a href="#">I34</a> | KINSTON TOWERS       | 511 N. QUEEN STREET  | LUST  | Lower              | 2349, 0.445, East             |
| <a href="#">35</a>  | BRADSHAW PROPERTY    | 1007/1009 COLLEGE ST | LUST, LUST TRUST, IMD                           | Higher             | 2349, 0.445, NNE              |
| <a href="#">H36</a> | WEST CORPORATION     | AIRPORT RD           | LUST, IMD                                       | Lower              | 2352, 0.445, ENE              |
| <a href="#">37</a>  | EMRO 218 / SPEEDWAY  | PINK HILL ROAD (HWY  | LUST, IMD                                       | Lower              | 2367, 0.448, SE               |
| <a href="#">K38</a> | P & K AUTOMOTIVE     | 1302 WEST VERNON AVE | LUST, IMD                                       | Lower              | 2374, 0.450, NW               |

# MAPPED SITES SUMMARY

Target Property Address:  
800 MANNING STREET  
KINSTON, NC 28501

Click on Map ID to see full detail.

| MAP ID              | SITE NAME            | ADDRESS              | DATABASE ACRONYMS     | RELATIVE ELEVATION | DIST (ft. & mi.)<br>DIRECTION |
|---------------------|----------------------|----------------------|-----------------------|--------------------|-------------------------------|
| <a href="#">39</a>  | KINSTON CITY SCHOOL  | 1407 W. WASHINGTON S | LUST, IMD             | Lower              | 2381, 0.451, WNW              |
| <a href="#">L40</a> | PRIDE OF KINSTON     | 327 NORTH QUEEN STRE | LUST, IMD             | Lower              | 2407, 0.456, ESE              |
| <a href="#">41</a>  | CIC FINANCIAL        | 605 NORTH QUEEN STRE | LUST, LUST TRUST, IMD | Lower              | 2409, 0.456, East             |
| <a href="#">H42</a> | FORMER JC PENNEY SER | W. VERNON AVE. & HAR | LUST, IMD             | Lower              | 2420, 0.458, ENE              |
| <a href="#">L43</a> | CITY OF KINSTON-SPRU | QUEEN & NORTH ST/E S | LUST, IMD             | Lower              | 2442, 0.463, ESE              |
| <a href="#">44</a>  | ST. JOHN RESIDENCE ( | 1104 PERRY PARK DRIV | LUST, LUST TRUST      | Higher             | 2454, 0.465, NNW              |
| <a href="#">J45</a> | NOBLE SITE           | 108 E BLOUNT STREET  | LUST TRUST            | Higher             | 2470, 0.468, East             |
| <a href="#">J46</a> | NOBLE SITE           | 108 EAST BLOUNT STRE | LUST, IMD             | Higher             | 2470, 0.468, East             |
| <a href="#">K47</a> | C-MART #4            | 801/803 GREENBRIAR R | LUST, IMD             | Lower              | 2564, 0.486, NW               |
| <a href="#">48</a>  | MCDONALD'S RESTAURAN | 110 WEST VERNON AVEN | LUST                  | Higher             | 2616, 0.495, ENE              |
| <a href="#">49</a>  | WOOTEN JONES RESIDEN | 1103 RHEM STREET     | LUST, LUST TRUST, IMD | Higher             | 2618, 0.496, North            |
| <a href="#">50</a>  | MALLARD GRIFFIN      | 1401 W VERNON AVENUE | SHWS, LAST, UST, IMD  | Higher             | 3057, 0.579, NW               |
| <a href="#">M51</a> | KINSTON MGP          | SOUTH AND HERRITAGE  | EDR MGP               | Lower              | 3555, 0.673, SSE              |
| <a href="#">M52</a> | KINSTON COAL GAS PLA | WEST SOUTH STREET    | SHWS, VCP             | Lower              | 3697, 0.700, SSE              |

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

#### ***Federal CERCLIS NFRAP site List***

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

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

CORRACTS..... Corrective Action Report

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

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

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

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

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

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

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

## EXECUTIVE SUMMARY

### ***State and tribal 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  
ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

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

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

### ***Local Land Records***

LIENS 2..... CERCLA Lien Information

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

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

|                |                                 |
|----------------|---------------------------------|
| 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   |
| UMTRA.....               | Uranium Mill Tailings Sites   |
| LEAD SMELTERS.....       | Lead Smelter Sites  |
| US AIRS.....             | Aerometric Information Retrieval System Facility Subsystem  |
| US MINES.....            | Mines Master Index File   |
| FINDS.....               | Facility Index System/Facility Registry System  |
| COAL ASH.....            | Coal Ash Disposal Sites   |
| DRYCLEANERS.....         | Drycleaning Sites   |
| Financial Assurance..... | Financial Assurance Information Listing   |
| NPDES.....               | NPDES Facility Location Listing   |
| UIC.....                 | Underground Injection Wells Listing   |

### **EDR HIGH RISK HISTORICAL RECORDS**

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

|                    |                                     |
|--------------------|-------------------------------------|
| EDR Hist Auto..... | EDR Exclusive Historic Gas Stations |
|--------------------|-------------------------------------|

### **EDR RECOVERED GOVERNMENT ARCHIVES**

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

|              |  |
|--------------|--|
| RGA HWS..... | Recovered Government Archive State Hazardous Waste Facilities List |
|--------------|--|

## EXECUTIVE SUMMARY

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 - equivalent NPL***

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

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

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|----------------|-----------------------------|---------------|-------------|
| KINSTON COAL GAS PLA          |                | SSE 1/2 - 1 (0.669 mi.)     | 0             | 8           |

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

SHWS: The State Hazardous Waste Sites 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. The data come from the Department of Environment & Natural Resources' Inactive Hazardous Sites Program.

An online review and analysis by MID-ATLANTIC ASSOCIATES of the SHWS list, as provided by EDR, and dated 07/16/2015 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

| <u>Equal/Higher Elevation</u>                              | <u>Address</u>                     | <u>Direction / Distance</u>           | <u>Map ID</u>     | <u>Page</u>       |
|--|------------------------------------|---------------------------------------|-------------------|-------------------|
| <b><i>MALLARD GRIFFIN</i></b><br>Facility Id: NONCD0002028 | <b><i>1401 W VERNON AVENUE</i></b> | <b><i>NW 1/2 - 1 (0.579 mi.)</i></b>  | <b><i>50</i></b>  | <b><i>137</i></b> |
| <u>Lower Elevation</u>                                     | <u>Address</u>                     | <u>Direction / Distance</u>           | <u>Map ID</u>     | <u>Page</u>       |
| <b><i>KINSTON COAL GAS PLA</i></b>                         | <b><i>WEST SOUTH STREET</i></b>    | <b><i>SSE 1/2 - 1 (0.700 mi.)</i></b> | <b><i>M52</i></b> | <b><i>140</i></b> |

## EXECUTIVE SUMMARY

Facility Id: NCD986197366

### 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.

An online review and analysis by MID-ATLANTIC ASSOCIATES of the LUST list, as provided by EDR, and dated 08/07/2015 has revealed that there are 39 LUST 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>CITY OF KINSTON-MANN</b><br>Incident Phase: Closed Out<br>Incident Number: 5493<br>Current Status: File Located in Archives   | <b>MANNING ST. POWER PL</b> | <b>WNW 0 - 1/8 (0.030 mi.)</b>   | <b>A1</b>     | <b>8</b>    |
| <b>JOHN SHAO/HOUSE OF W</b><br>Incident Phase: Closed Out<br>Incident Number: 7661<br>Current Status: File Located in Archives   | <b>708 W VERNON AVE</b>     | <b>N 1/8 - 1/4 (0.227 mi.)</b>   | <b>B5</b>     | <b>15</b>   |
| <b>BRINKLEY'S SERVICE C</b><br>Incident Phase: Closed Out<br>Incident Number: 6021<br>Current Status: File Located in Archives   | <b>820 W. VERNON AVE.</b>   | <b>NNW 1/8 - 1/4 (0.227 mi.)</b> | <b>C6</b>     | <b>18</b>   |
| <b>FASTLAND FOOD MART</b><br>Incident Phase: Closed Out<br>Incident Number: 22406<br>Incident Number: 38386<br>Current Status: File Located in Archives<br>Current Status: File Located in House | <b>701 WEST VERNON AVEN</b> | <b>N 1/8 - 1/4 (0.248 mi.)</b>   | <b>B9</b>     | <b>24</b>   |
| <b>JOHN KINNEY'S EXXON</b><br>Incident Phase: Closed Out<br>Incident Number: 12139<br>Current Status: File Located in Archives   | <b>813 WEST VERNON AVEN</b> | <b>NNW 1/4 - 1/2 (0.250 mi.)</b> | <b>C12</b>    | <b>36</b>   |
| <b>KWIK MART #4/WOOTEN</b><br>Incident Phase: Closed Out<br>Incident Number: 3249<br>Current Status: File Located in Archives  | <b>701 W. VERNON AVE</b>    | <b>N 1/4 - 1/2 (0.252 mi.)</b>   | <b>B14</b>    | <b>42</b>   |
| <b>GOODYEAR TIRE SERVIC</b><br>Incident Phase: Response<br>Incident Number: 10160<br>Current Status: File Located in House   | <b>1001 W. VERNON AVE</b>   | <b>NNW 1/4 - 1/2 (0.269 mi.)</b> | <b>16</b>     | <b>50</b>   |
| <b>BEARD'S SERVICE CENT</b><br>Incident Number: 38498<br>Current Status: File Located in Archives  | <b>607 MITCHELL STREET</b>  | <b>ENE 1/4 - 1/2 (0.275 mi.)</b> | <b>E18</b>    | <b>54</b>   |
| <b>C-MART 2</b><br>Incident Phase: Closed Out<br>Incident Number: 16743  | <b>601 NORTH MITCHELL S</b> | <b>ENE 1/4 - 1/2 (0.286 mi.)</b> | <b>E19</b>    | <b>56</b>   |

## EXECUTIVE SUMMARY

|  |                             |                                  |               |             |
|--|-----------------------------|----------------------------------|---------------|-------------|
| Incident Number: 31399<br>Current Status: File Located in Archives                               |                             |                                  |               |             |
| <b>DR. LYNNWOOD TURNER</b>   | <b>1104 W. VERNON AVENU</b> | <b>NW 1/4 - 1/2 (0.319 mi.)</b>  | <b>F22</b>    | <b>63</b>   |
| Incident Phase: Closed Out<br>Incident Number: 22640<br>Current Status: File Located in Archives |                             |                                  |               |             |
| <b>MASON PROPERTY (SLOA</b>  | <b>900 WEST ROAD</b>        | <b>NNW 1/4 - 1/2 (0.346 mi.)</b> | <b>23</b>     | <b>66</b>   |
| Incident Phase: Closed Out<br>Incident Number: 31785<br>Current Status: File Located in Archives |                             |                                  |               |             |
| <b>HOOD RESIDENCE (JOHN</b>  | <b>809 LAROQUE AVENUE</b>   | <b>NW 1/4 - 1/2 (0.388 mi.)</b>  | <b>28</b>     | <b>83</b>   |
| Incident Phase: Closed Out<br>Incident Number: 24409<br>Current Status: File Located in Archives |                             |                                  |               |             |
| <b>TAYLOR RESIDENCE (EL</b>  | <b>904 CAREY ROAD</b>       | <b>NNW 1/4 - 1/2 (0.391 mi.)</b> | <b>29</b>     | <b>86</b>   |
| Incident Number: 31641<br>Current Status: File Located in House                                  |                             |                                  |               |             |
| <b>CHERRY RESIDENCE (GL</b>  | <b>900 PERRY PARK DRIVE</b> | <b>N 1/4 - 1/2 (0.403 mi.)</b>   | <b>30</b>     | <b>88</b>   |
| Incident Phase: Closed Out<br>Incident Number: 31400<br>Current Status: File Located in Archives |                             |                                  |               |             |
| <b>BRADSHAW PROPERTY</b>   | <b>1007/1009 COLLEGE ST</b> | <b>NNE 1/4 - 1/2 (0.445 mi.)</b> | <b>35</b>     | <b>99</b>   |
| Incident Phase: Response<br>Incident Number: 21500<br>Current Status: File Located in House      |                             |                                  |               |             |
| <b>ST. JOHN RESIDENCE (</b>  | <b>1104 PERRY PARK DRIV</b> | <b>NNW 1/4 - 1/2 (0.465 mi.)</b> | <b>44</b>     | <b>124</b>  |
| Incident Number: 31668<br>Current Status: File Located in House                                  |                             |                                  |               |             |
| <b>NOBLE SITE</b>  | <b>108 EAST BLOUNT STRE</b> | <b>E 1/4 - 1/2 (0.468 mi.)</b>   | <b>J46</b>    | <b>126</b>  |
| Incident Phase: Closed Out<br>Incident Number: 31299<br>Current Status: File Located in Archives |                             |                                  |               |             |
| <b>MCDONALD'S RESTAURAN</b>  | <b>110 WEST VERNON AVEN</b> | <b>ENE 1/4 - 1/2 (0.495 mi.)</b> | <b>48</b>     | <b>132</b>  |
| Incident Phase: Closed Out<br>Incident Number: 31912<br>Current Status: File Located in Archives |                             |                                  |               |             |
| <b>WOOTEN JONES RESIDEN</b>  | <b>1103 RHEM STREET</b>     | <b>N 1/4 - 1/2 (0.496 mi.)</b>   | <b>49</b>     | <b>134</b>  |
| Incident Number: 31357<br>Current Status: File Located in House                                  |                             |                                  |               |             |
| <b>Lower Elevation</b>   | <b>Address</b>              | <b>Direction / Distance</b>      | <b>Map ID</b> | <b>Page</b> |
| <b>THOMAS RESIDENCE (WA</b>  | <b>600 NELSON STREET</b>    | <b>NNW 0 - 1/8 (0.115 mi.)</b>   | <b>3</b>      | <b>12</b>   |
| Incident Number: 31624<br>Current Status: File Located in House                                  |                             |                                  |               |             |
| <b>TEAGUE RESIDENCE (FR</b>  | <b>411 WEST LENOIR AVE</b>  | <b>NE 1/4 - 1/2 (0.251 mi.)</b>  | <b>D13</b>    | <b>40</b>   |
| Incident Phase: Response<br>Incident Number: 31703<br>Current Status: File Located in House      |                             |                                  |               |             |
| <b>WOOTEN RESIDENCE</b>  | <b>409 WEST LENOIR AVE</b>  | <b>NE 1/4 - 1/2 (0.252 mi.)</b>  | <b>D15</b>    | <b>47</b>   |

## EXECUTIVE SUMMARY

|  |                             |                                  |            |            |
|--|-----------------------------|----------------------------------|------------|------------|
| Incident Phase: Follow Up<br>Incident Number: 15118<br>Current Status: File Located in House     |                             |                                  |            |            |
| <b>CAROLINA TELEPHONE</b>  | <b>600 HERITAGE ST.</b>     | <b>ENE 1/4 - 1/2 (0.358 mi.)</b> | <b>G24</b> | <b>68</b>  |
| Incident Phase: Closed Out<br>Incident Number: 9443<br>Current Status: File Located in Archives  |                             |                                  |            |            |
| <b>FORMER THOMPSON DODG</b>  | <b>602 NORTH HERITAGE S</b> | <b>ENE 1/4 - 1/2 (0.358 mi.)</b> | <b>G25</b> | <b>71</b>  |
| Incident Phase: Closed Out<br>Incident Number: 20892<br>Current Status: File Located in Archives |                             |                                  |            |            |
| <b>KINSTON CENTRAL OFFI</b>  | <b>600 N HERITAGE ST</b>    | <b>ENE 1/4 - 1/2 (0.358 mi.)</b> | <b>G26</b> | <b>74</b>  |
| Incident Phase: Closed Out<br>Incident Number: 38368<br>Current Status: File Located in House    |                             |                                  |            |            |
| <b>ALBAIN SHIRT COMPANY</b>  | <b>619 HERITAGE STREET</b>  | <b>ENE 1/4 - 1/2 (0.362 mi.)</b> | <b>G27</b> | <b>80</b>  |
| Incident Phase: Closed Out<br>Incident Number: 18570<br>Current Status: File Located in Archives |                             |                                  |            |            |
| <b>HARDEE'S PROPERTY</b>   | <b>200 WEST VERNON AVEN</b> | <b>ENE 1/4 - 1/2 (0.423 mi.)</b> | <b>H31</b> | <b>91</b>  |
| Incident Phase: Closed Out<br>Incident Number: 38094<br>Current Status: File Located in Archives |                             |                                  |            |            |
| <b>LENOIR COUNTY LIBRAR</b>  | <b>510 NORTH QUEEN STRE</b> | <b>E 1/4 - 1/2 (0.437 mi.)</b>   | <b>I32</b> | <b>93</b>  |
| Incident Phase: Closed Out<br>Incident Number: 31673<br>Current Status: File Located in Archives |                             |                                  |            |            |
| <b>FIRST AMER. FED. SAV</b>  | <b>604 N. QUEEN ST.</b>     | <b>E 1/4 - 1/2 (0.438 mi.)</b>   | <b>J33</b> | <b>94</b>  |
| Incident Phase: Closed Out<br>Incident Number: 11564<br>Current Status: File Located in Archives |                             |                                  |            |            |
| <b>KINSTON TOWERS</b>  | <b>511 N. QUEEN STREET</b>  | <b>E 1/4 - 1/2 (0.445 mi.)</b>   | <b>I34</b> | <b>97</b>  |
| Incident Phase: Closed Out<br>Incident Number: 38537<br>Current Status: File Located in House    |                             |                                  |            |            |
| <b>WEST CORPORATION</b>  | <b>AIRPORT RD</b>           | <b>ENE 1/4 - 1/2 (0.445 mi.)</b> | <b>H36</b> | <b>102</b> |
| Incident Phase: Closed Out<br>Incident Number: 9241<br>Current Status: File Located in Archives  |                             |                                  |            |            |
| <b>EMRO 218 / SPEEDWAY</b>   | <b>PINK HILL ROAD (HWY</b>  | <b>SE 1/4 - 1/2 (0.448 mi.)</b>  | <b>37</b>  | <b>105</b> |
| Incident Phase: Closed Out<br>Incident Number: 8341<br>Current Status: File Located in Archives  |                             |                                  |            |            |
| <b>P &amp; K AUTOMOTIVE</b>  | <b>1302 WEST VERNON AVE</b> | <b>NW 1/4 - 1/2 (0.450 mi.)</b>  | <b>K38</b> | <b>107</b> |
| Incident Phase: Closed Out<br>Incident Number: 11835<br>Current Status: File Located in House    |                             |                                  |            |            |
| <b>KINSTON CITY SCHOOL</b>   | <b>1407 W. WASHINGTON S</b> | <b>WNW 1/4 - 1/2 (0.451 mi.)</b> | <b>39</b>  | <b>110</b> |
| Incident Phase: Closed Out<br>Incident Number: 8160<br>Current Status: File Located in Archives  |                             |                                  |            |            |
| <b>PRIDE OF KINSTON</b>  | <b>327 NORTH QUEEN STRE</b> | <b>ESE 1/4 - 1/2 (0.456 mi.)</b> | <b>L40</b> | <b>113</b> |

## EXECUTIVE SUMMARY

|   |                                 |                                  |            |            |
|---|---------------------------------|----------------------------------|------------|------------|
| <b>CIC FINANCIAL</b>                        | <b>605 NORTH QUEEN STRE</b>     | <b>E 1/4 - 1/2 (0.456 mi.)</b>   | <b>41</b>  | <b>116</b> |
| Incident Phase: Closed Out                  |                                 |                                  |            |            |
| Incident Number: 31135                      |                                 |                                  |            |            |
| Current Status: File Located in Archives    |                                 |                                  |            |            |
| <b>FORMER JC PENNEY SER</b>                 | <b>W. VERNON AVE. &amp; HAR</b> | <b>ENE 1/4 - 1/2 (0.458 mi.)</b> | <b>H42</b> | <b>119</b> |
| Incident Phase: Closed Out                  |                                 |                                  |            |            |
| Incident Number: 7008                       |                                 |                                  |            |            |
| Current Status: File Located in Archives    |                                 |                                  |            |            |
| <b>CITY OF KINSTON-SPRU</b>                 | <b>QUEEN &amp; NORTH ST/E S</b> | <b>ESE 1/4 - 1/2 (0.463 mi.)</b> | <b>L43</b> | <b>121</b> |
| Incident Phase: Closed Out                  |                                 |                                  |            |            |
| Incident Number: 7647                       |                                 |                                  |            |            |
| Current Status: File Located in Archives    |                                 |                                  |            |            |
| <b>C-MART #4</b>                            | <b>801/803 GREENBRIAR R</b>     | <b>NW 1/4 - 1/2 (0.486 mi.)</b>  | <b>K47</b> | <b>129</b> |
| Incident Phase: Remedial Action Implemented |                                 |                                  |            |            |
| Incident Number: 16744                      |                                 |                                  |            |            |
| Current Status: File Located in House       |                                 |                                  |            |            |

An online review and analysis by MID-ATLANTIC ASSOCIATES of the LUST TRUST list, as provided by EDR, and dated 10/09/2015 has revealed that there are 20 LUST TRUST sites within approximately 0.5 miles of the target property.

TC4479037.2s EXECUTIVE SUMMARY 11

## EXECUTIVE SUMMARY

|                             |                             |                                  |               |             |
|-----------------------------|-----------------------------|----------------------------------|---------------|-------------|
| Site ID: 31400              |                             |                                  |               |             |
| <b>BRADSHAW PROPERTY</b>    | <b>1007/1009 COLLEGE ST</b> | <b>NNE 1/4 - 1/2 (0.445 mi.)</b> | <b>35</b>     | <b>99</b>   |
| Site ID: 21500              |                             |                                  |               |             |
| <b>ST. JOHN RESIDENCE (</b> | <b>1104 PERRY PARK DRIV</b> | <b>NNW 1/4 - 1/2 (0.465 mi.)</b> | <b>44</b>     | <b>124</b>  |
| Site ID: 31668              |                             |                                  |               |             |
| NOBLE SITE                  | 108 E BLOUNT STREET         | E 1/4 - 1/2 (0.468 mi.)          | J45           | 126         |
| Site ID: 31299              |                             |                                  |               |             |
| <b>WOOTEN JONES RESIDEN</b> | <b>1103 RHEM STREET</b>     | <b>N 1/4 - 1/2 (0.496 mi.)</b>   | <b>49</b>     | <b>134</b>  |
| Site ID: 31357              |                             |                                  |               |             |
| <b>Lower Elevation</b>      | <b>Address</b>              | <b>Direction / Distance</b>      | <b>Map ID</b> | <b>Page</b> |
| <b>THOMAS RESIDENCE (WA</b> | <b>600 NELSON STREET</b>    | <b>NNW 0 - 1/8 (0.115 mi.)</b>   | <b>3</b>      | <b>12</b>   |
| Site ID: 31624              |                             |                                  |               |             |
| <b>TEAGUE RESIDENCE (FR</b> | <b>411 WEST LENOIR AVE</b>  | <b>NE 1/4 - 1/2 (0.251 mi.)</b>  | <b>D13</b>    | <b>40</b>   |
| Site ID: 31703              |                             |                                  |               |             |
| <b>WOOTEN RESIDENCE</b>     | <b>409 WEST LENOIR AVE</b>  | <b>NE 1/4 - 1/2 (0.252 mi.)</b>  | <b>D15</b>    | <b>47</b>   |
| Site ID: 15118              |                             |                                  |               |             |
| <b>CAROLINA TELEPHONE</b>   | <b>600 HERITAGE ST.</b>     | <b>ENE 1/4 - 1/2 (0.358 mi.)</b> | <b>G24</b>    | <b>68</b>   |
| Facility Id: 0-002489       |                             |                                  |               |             |
| Site ID: 9443               |                             |                                  |               |             |
| <b>ALBAIN SHIRT COMPANY</b> | <b>619 HERITAGE STREET</b>  | <b>ENE 1/4 - 1/2 (0.362 mi.)</b> | <b>G27</b>    | <b>80</b>   |
| Site ID: 18570              |                             |                                  |               |             |
| <b>HARDEE'S PROPERTY</b>    | <b>200 WEST VERNON AVEN</b> | <b>ENE 1/4 - 1/2 (0.423 mi.)</b> | <b>H31</b>    | <b>91</b>   |
| Site ID: 38094              |                             |                                  |               |             |
| <b>CIC FINANCIAL</b>        | <b>605 NORTH QUEEN STRE</b> | <b>E 1/4 - 1/2 (0.456 mi.)</b>   | <b>41</b>     | <b>116</b>  |
| Site ID: 31135              |                             |                                  |               |             |

### 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.

An online review and analysis by MID-ATLANTIC ASSOCIATES of the UST list, as provided by EDR, and dated 11/06/2015 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

|                               |                           |                                  |               |             |
|-------------------------------|---------------------------|----------------------------------|---------------|-------------|
| <b>Equal/Higher Elevation</b> | <b>Address</b>            | <b>Direction / Distance</b>      | <b>Map ID</b> | <b>Page</b> |
| CITY OF KINSTON               | 900 MANNING STREET        | WNW 0 - 1/8 (0.048 mi.)          | A2            | 11          |
| Tank Status: Removed          |                           |                                  |               |             |
| Facility Id: 00-0-0000013836  |                           |                                  |               |             |
| <b>BRINKLEY'S SERVICE C</b>   | <b>820 W. VERNON AVE.</b> | <b>NNW 1/8 - 1/4 (0.227 mi.)</b> | <b>C6</b>     | <b>18</b>   |
| Tank Status: Removed          |                           |                                  |               |             |
| Facility Id: 00-0-0000025465  |                           |                                  |               |             |
| Facility Id: 00-0-0000000973  |                           |                                  |               |             |
| CAROLINA DIXIE GRAIN          | HIGHWAY 258 NORTH         | N 1/8 - 1/4 (0.233 mi.)          | B8            | 23          |

## EXECUTIVE SUMMARY

Tank Status: Removed  
Facility Id: 00-0-0000017136

### **FASTLAND FOOD MART**

Tank Status: Current  
Tank Status: Removed  
Facility Id: 00-0-0000014744

**701 WEST VERNON AVEN**    **N 1/8 - 1/4 (0.248 mi.)**    **B9**    **24**

## ADDITIONAL ENVIRONMENTAL RECORDS

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

IMD: Incident Management Database.

An online review and analysis by MID-ATLANTIC ASSOCIATES of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 30 IMD sites within approximately 0.5 miles of the target property.

| <b>Equal/Higher Elevation</b>                     | <b>Address</b>              | <b>Direction / Distance</b>      | <b>Map ID</b> | <b>Page</b> |
|---|-----------------------------|----------------------------------|---------------|-------------|
| <b>CITY OF KINSTON-MANN</b><br>Facility Id: 5493  | <b>MANNING ST. POWER PL</b> | <b>WNW 0 - 1/8 (0.030 mi.)</b>   | <b>A1</b>     | <b>8</b>    |
| <b>JOHN SHAO/HOUSE OF W</b><br>Facility Id: 7661  | <b>708 W VERNON AVE</b>     | <b>N 1/8 - 1/4 (0.227 mi.)</b>   | <b>B5</b>     | <b>15</b>   |
| <b>BRINKLEY'S SERVICE C</b><br>Facility Id: 6021  | <b>820 W.VERNON AVE.</b>    | <b>NNW 1/8 - 1/4 (0.229 mi.)</b> | <b>C7</b>     | <b>22</b>   |
| <b>FASTLAND FOOD MART</b><br>Facility Id: 22406   | <b>701 WEST VERNON AVEN</b> | <b>N 1/8 - 1/4 (0.248 mi.)</b>   | <b>B9</b>     | <b>24</b>   |
| <b>KWIK MART #4/WOOTEN</b><br>Facility Id: 3249   | <b>701 W. VERNON AVE</b>    | <b>N 1/8 - 1/4 (0.250 mi.)</b>   | <b>B10</b>    | <b>33</b>   |
| <b>KINNEY'S SERVICE CEN</b><br>Facility Id: 12139 | <b>813 WEST VERNON AVE.</b> | <b>NNW 1/4 - 1/2 (0.250 mi.)</b> | <b>C11</b>    | <b>34</b>   |
| <b>GOODYEAR TIRE SERVIC</b><br>Facility Id: 10160 | <b>1001 W. VERNON AVE</b>   | <b>NNW 1/4 - 1/2 (0.269 mi.)</b> | <b>16</b>     | <b>50</b>   |
| <b>C-MART #2</b><br>Facility Id: 31399            | <b>601 NORTH MITCHELL S</b> | <b>ENE 1/4 - 1/2 (0.273 mi.)</b> | <b>E17</b>    | <b>53</b>   |
| <b>C-MART #2 (SEE ALSO</b><br>Facility Id: 16743  | <b>601 MITCHELL STREET</b>  | <b>ENE 1/4 - 1/2 (0.293 mi.)</b> | <b>E20</b>    | <b>62</b>   |
| <b>DR. LYNNWOOD TURNER</b><br>Facility Id: 22640  | <b>1104 W. VERNON AVENU</b> | <b>NW 1/4 - 1/2 (0.319 mi.)</b>  | <b>F22</b>    | <b>63</b>   |
| <b>HOOD RESIDENCE (JOHN</b><br>Facility Id: 24409 | <b>809 LAROQUE AVENUE</b>   | <b>NW 1/4 - 1/2 (0.388 mi.)</b>  | <b>28</b>     | <b>83</b>   |
| <b>CHERRY RESIDENCE (GL</b><br>Facility Id: 31400 | <b>900 PERRY PARK DRIVE</b> | <b>N 1/4 - 1/2 (0.403 mi.)</b>   | <b>30</b>     | <b>88</b>   |
| <b>BRADSHAW PROPERTY</b><br>Facility Id: 21500    | <b>1007/1009 COLLEGE ST</b> | <b>NNE 1/4 - 1/2 (0.445 mi.)</b> | <b>35</b>     | <b>99</b>   |
| <b>NOBLE SITE</b><br>Facility Id: 31299           | <b>108 EAST BLOUNT STRE</b> | <b>E 1/4 - 1/2 (0.468 mi.)</b>   | <b>J46</b>    | <b>126</b>  |
| <b>WOOTEN JONES RESIDEN</b>                       | <b>1103 RHEM STREET</b>     | <b>N 1/4 - 1/2 (0.496 mi.)</b>   | <b>49</b>     | <b>134</b>  |

## EXECUTIVE SUMMARY

Facility Id: 31357

| <u>Lower Elevation</u>                             | <u>Address</u>                  | <u>Direction / Distance</u>      | <u>Map ID</u> | <u>Page</u> |
|--|---------------------------------|----------------------------------|---------------|-------------|
| <b>THOMAS RESIDENCE (WA)</b><br>Facility Id: 31624 | <b>600 NELSON STREET</b>        | <b>NNW 0 - 1/8 (0.115 mi.)</b>   | <b>3</b>      | <b>12</b>   |
| <b>WOOTEN RESIDENCE</b><br>Facility Id: 15118      | <b>409 WEST LENOIR AVE</b>      | <b>NE 1/4 - 1/2 (0.252 mi.)</b>  | <b>D15</b>    | <b>47</b>   |
| <b>CAROLINA TELEPHONE</b><br>Facility Id: 9443     | <b>600 HERITAGE ST.</b>         | <b>ENE 1/4 - 1/2 (0.358 mi.)</b> | <b>G24</b>    | <b>68</b>   |
| <b>FORMER THOMPSON DODG</b><br>Facility Id: 20892  | <b>602 NORTH HERITAGE S</b>     | <b>ENE 1/4 - 1/2 (0.358 mi.)</b> | <b>G25</b>    | <b>71</b>   |
| <b>ALBAIN SHIRT COMPANY</b><br>Facility Id: 18570  | <b>619 HERITAGE STREET</b>      | <b>ENE 1/4 - 1/2 (0.362 mi.)</b> | <b>G27</b>    | <b>80</b>   |
| <b>FIRST AMER. FED. SAV</b><br>Facility Id: 11564  | <b>604 N. QUEEN ST.</b>         | <b>E 1/4 - 1/2 (0.438 mi.)</b>   | <b>J33</b>    | <b>94</b>   |
| <b>WEST CORPORATION</b><br>Facility Id: 9241       | <b>AIRPORT RD</b>               | <b>ENE 1/4 - 1/2 (0.445 mi.)</b> | <b>H36</b>    | <b>102</b>  |
| <b>EMRO 218 / SPEEDWAY</b><br>Facility Id: 8341    | <b>PINK HILL ROAD (HWY</b>      | <b>SE 1/4 - 1/2 (0.448 mi.)</b>  | <b>37</b>     | <b>105</b>  |
| <b>P &amp; K AUTOMOTIVE</b><br>Facility Id: 11835  | <b>1302 WEST VERNON AVE</b>     | <b>NW 1/4 - 1/2 (0.450 mi.)</b>  | <b>K38</b>    | <b>107</b>  |
| <b>KINSTON CITY SCHOOL</b><br>Facility Id: 8160    | <b>1407 W. WASHINGTON S</b>     | <b>WNW 1/4 - 1/2 (0.451 mi.)</b> | <b>39</b>     | <b>110</b>  |
| <b>PRIDE OF KINSTON</b><br>Facility Id: 23931      | <b>327 NORTH QUEEN STRE</b>     | <b>ESE 1/4 - 1/2 (0.456 mi.)</b> | <b>L40</b>    | <b>113</b>  |
| <b>CIC FINANCIAL</b><br>Facility Id: 31135         | <b>605 NORTH QUEEN STRE</b>     | <b>E 1/4 - 1/2 (0.456 mi.)</b>   | <b>41</b>     | <b>116</b>  |
| <b>FORMER JC PENNEY SER</b><br>Facility Id: 7008   | <b>W. VERNON AVE. &amp; HAR</b> | <b>ENE 1/4 - 1/2 (0.458 mi.)</b> | <b>H42</b>    | <b>119</b>  |
| <b>CITY OF KINSTON-SPRU</b><br>Facility Id: 7647   | <b>QUEEN &amp; NORTH ST/E S</b> | <b>ESE 1/4 - 1/2 (0.463 mi.)</b> | <b>L43</b>    | <b>121</b>  |
| <b>C-MART #4</b><br>Facility Id: 16744             | <b>801/803 GREENBRIAR R</b>     | <b>NW 1/4 - 1/2 (0.486 mi.)</b>  | <b>K47</b>    | <b>129</b>  |

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR MGP: 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

## EXECUTIVE SUMMARY

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.

An online review and analysis by MID-ATLANTIC ASSOCIATES of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

| <u>Lower Elevation</u> | <u>Address</u>      | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|---------------------|-----------------------------|---------------|-------------|
| KINSTON MGP            | SOUTH AND HERRITAGE | SSE 1/2 - 1 (0.673 mi.)     | M51           | 140         |

EDR Hist Cleaner: 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.

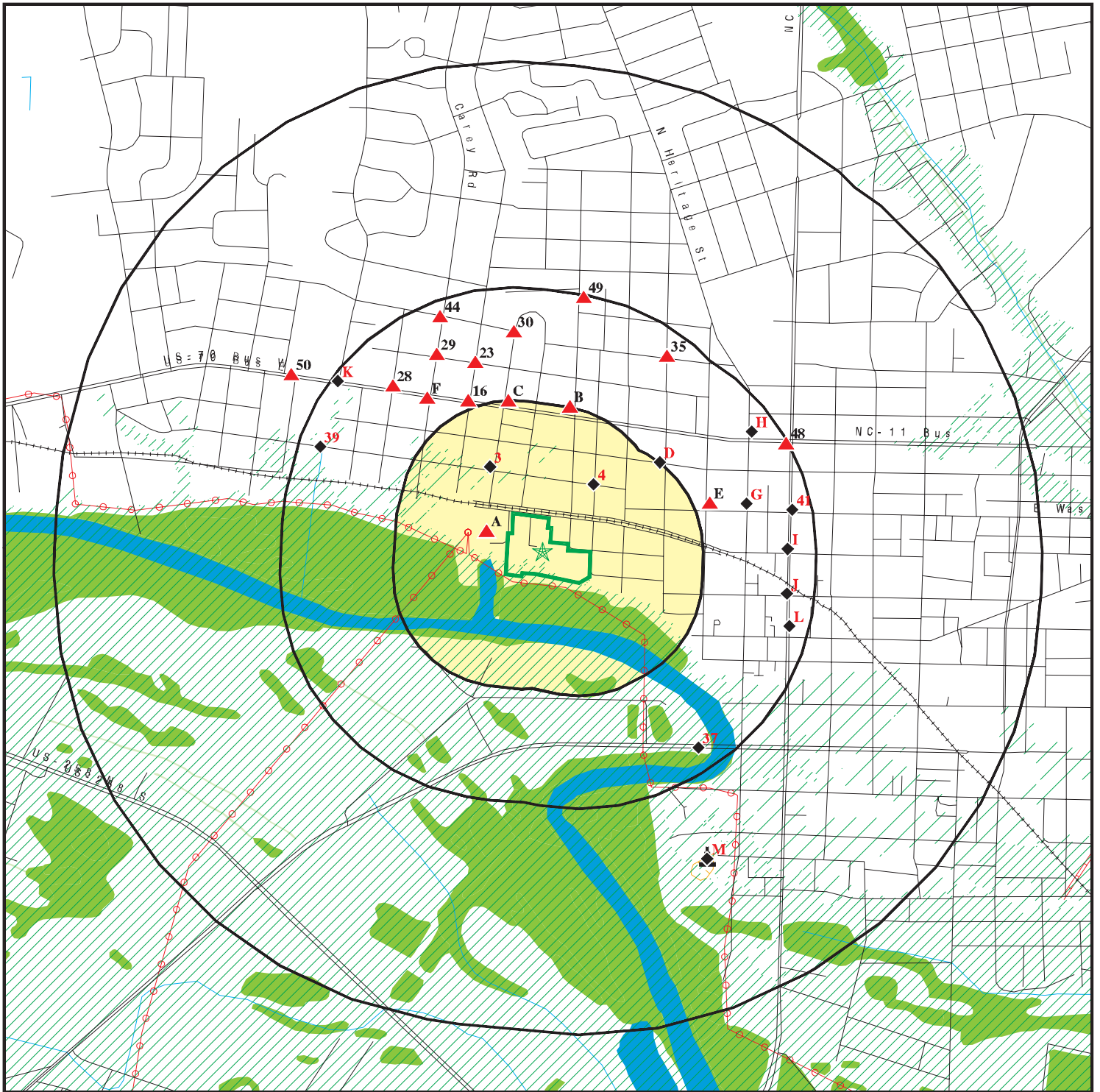
An online review and analysis by MID-ATLANTIC ASSOCIATES of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u>       | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------------|-----------------------------|---------------|-------------|
| Not reported           | 603 W WASHINGTON AVE | NE 0 - 1/8 (0.124 mi.)      | 4             | 15          |

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 4479037.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Hazardous Substance Disposal Sites

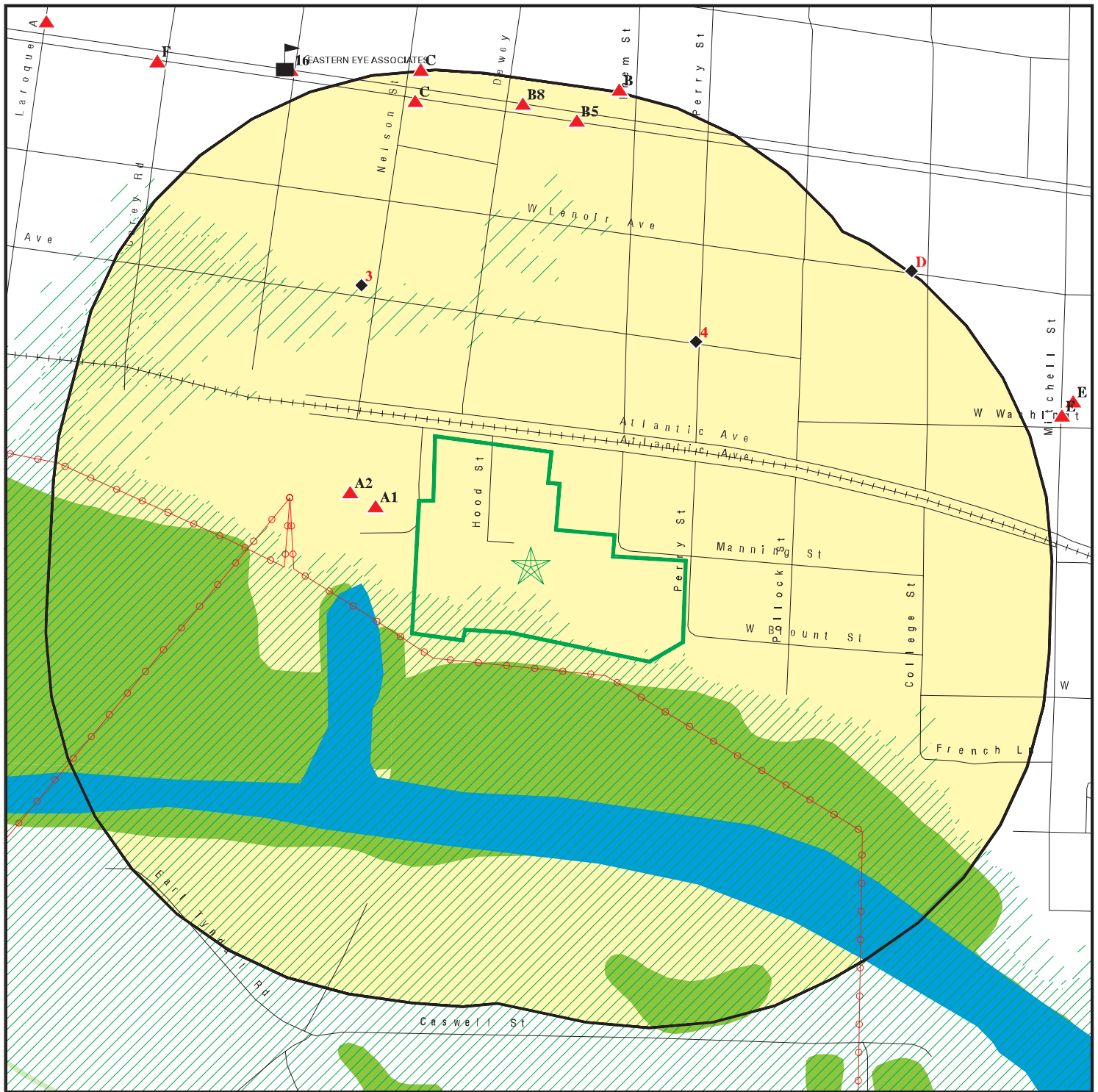
0 1/4 1/2 1 Miles

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: Former Glen Raven Mills  
ADDRESS: 800 Manning Street  
Kinston NC 28501  
LAT/LONG: 35.2651 / 77.5907

CLIENT: Mid-Atlantic Associates  
CONTACT: Gregory Hutchins  
INQUIRY #: 4479037.2s  
DATE: December 21, 2015 12:05 pm

# DETAIL MAP - 4479037.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Hazardous Substance Disposal Sites

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

SITE NAME: Former Glen Raven Mills  
ADDRESS: 800 Manning Street  
Kinston NC 28501  
LAT/LONG: 35.2651 / 77.5907

CLIENT: Mid-Atlantic Associates  
CONTACT: Gregory Hutchins  
INQUIRY #: 4479037.2s  
DATE: December 21, 2015 12:08 pm

## MAP FINDINGS SUMMARY

| Database   | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| <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             |
| CERCLIS  | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b><i>Federal CERCLIS NFRAP site List</i></b>                                  |                         |                 |       |           |           |         |     |               |
| CERCLIS-NFRAP  | 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 / 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         | 1       | NR  | 1             |
| <b><i>State- and tribal - equivalent CERCLIS</i></b>                           |                         |                 |       |           |           |         |     |               |
| SHWS   | 1.000                   |                 | 0     | 0         | 0         | 2       | NR  | 2             |
| <b><i>State and tribal landfill and/or 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>                      |                         |                 |       |           |           |         |     |               |
| LUST   | 0.500                   |                 | 2     | 3         | 34        | NR      | NR  | 39            |

## MAP FINDINGS SUMMARY

| Database   | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| LAST   | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| INDIAN LUST  | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| LUST TRUST   | 0.500                   |                 | 2     | 2         | 16        | NR      | NR  | 20            |
| <b>State and tribal registered storage tank lists</b>                          |                         |                 |       |           |           |         |     |               |
| FEMA UST   | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| UST  | 0.250                   |                 | 1     | 3         | NR        | NR      | NR  | 4             |
| AST  | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| INDIAN UST   | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| <b>State and tribal institutional control / engineering control registries</b> |                         |                 |       |           |           |         |     |               |
| INST CONTROL   | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>State and tribal voluntary cleanup sites</b>                                |                         |                 |       |           |           |         |     |               |
| INDIAN VCP   | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| VCP  | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>State and tribal Brownfields sites</b>                                      |                         |                 |       |           |           |         |     |               |
| BROWNFIELDS  | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>ADDITIONAL ENVIRONMENTAL RECORDS</b>  |                         |                 |       |           |           |         |     |               |
| <b>Local Brownfield lists</b>  |                         |                 |       |           |           |         |     |               |
| US BROWNFIELDS   | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| <b>Local Lists of Landfill / Solid Waste Disposal Sites</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             |
| <b>Local Lists of Hazardous waste / Contaminated Sites</b>                     |                         |                 |       |           |           |         |     |               |
| US HIST CDL  | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| US CDL   | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| <b>Local Land Records</b>  |                         |                 |       |           |           |         |     |               |
| LIENS 2  | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| <b>Records of Emergency Release Reports</b>                                    |                         |                 |       |           |           |         |     |               |
| HMIRS  | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| SPILLS   | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| IMD  | 0.500                   |                 | 2     | 4         | 24        | NR      | NR  | 30            |
| SPILLS 90  | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| SPILLS 80  | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| <b>Other Ascertainable Records</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             |
| UMTRA               | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| LEAD SMELTERS       | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| US AIRS             | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| US MINES            | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| FINDS               | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| COAL ASH            | 0.500                   |                 | 0     | 0         | 0         | NR      | NR  | 0             |
| DRYCLEANERS         | 0.250                   |                 | 0     | 0         | NR        | NR      | NR  | 0             |
| Financial Assurance | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| NPDES               | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |
| UIC                 | TP                      |                 | NR    | NR        | NR        | NR      | NR  | 0             |

### EDR HIGH RISK HISTORICAL RECORDS

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

|                  |       |  |   |    |    |    |    |   |
|------------------|-------|--|---|----|----|----|----|---|
| EDR MGP          | 1.000 |  | 0 | 0  | 0  | 1  | NR | 1 |
| EDR Hist Auto    | 0.125 |  | 0 | NR | NR | NR | NR | 0 |
| EDR Hist Cleaner | 0.125 |  | 1 | NR | NR | NR | NR | 1 |

### EDR RECOVERED GOVERNMENT ARCHIVES

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

|          |    |  |    |    |    |    |    |   |
|----------|----|--|----|----|----|----|----|---|
| RGA HWS  | TP |  | NR | NR | NR | NR | NR | 0 |
| RGA LF   | TP |  | NR | NR | NR | NR | NR | 0 |
| RGA LUST | TP |  | NR | NR | NR | NR | NR | 0 |

|             |  |   |   |    |    |   |   |    |
|-------------|--|---|---|----|----|---|---|----|
| - Totals -- |  | 0 | 8 | 12 | 74 | 4 | 0 | 98 |
|-------------|--|---|---|----|----|---|---|----|

## MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Search<br/>Distance<br/>(Miles)</u> | <u>Target<br/>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<br/>Plotted</u> |
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HSDS**  
**Region**  
**SSE**  
**1/2-1**  
**3533 ft.**

**KINSTON COAL GAS PLANT**  
**, NC**

**NC HSDS** **S102442738**  
**N/A**

**HSDS:**

Site Type: Federal  
Superfund ID: 986 197 366  
Lat/Long: 35 15 17.704991 77 35 5.004900  
Total area in coverage units: 4652.65625  
Total perimeter in coverage units: 274.24850463  
X-value coordinate in feet: 2422500  
Y-value coordinate in feet: 550700.25  
Sites designated as superfund cleanup sites: 647  
Length of feature in internal units: 274.248518145  
Area of feature in internal units squared: 4652.65614687

**A1**  
**WNW**  
**< 1/8**  
**0.030 mi.**  
**156 ft.**

**CITY OF KINSTON-MANNING ST.**  
**MANNING ST. POWER PLANT**  
**KINSTON, NC 28501**

**LUST** **S101522671**  
**LUST TRUST** **N/A**  
**IMD**

**Site 1 of 2 in cluster A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**46 ft.**

Facility ID: 00-0-000  
UST Number: WA-133  
Incident Number: 5493  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 01/20/1990  
Date Occur: 01/20/1990  
Cleanup: 01/20/1990  
Closure Request: Not reported  
Close Out: 07/27/2000  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: H  
Risk Class Based On Review: L  
Corrective Action Plan Type: L  
NOV Issue Date: 03/07/1990  
NORR Issue Date: Not reported  
Site Priority: 35B  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: True  
CD Num: 157

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON-MANNING ST. (Continued)**

**S101522671**

Reel Num: 128  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2649 -77.5899  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: CITY OF KINSTON  
Contact Person: CLARENCE LOCKAMY  
Telephone: 2525594213  
RP Address: POST OFFICE BOX 339  
RP City,St,Zip: KINSTON, NC 285010339  
RP County: LENOIR  
Comments: NFA  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 5493  
Date Occurred: Not reported  
Date Reported: 1990-04-27 00:00:00  
Description Of Incident: DURING TANK REMOVAL, BLACK PETROLEUM PRODUCT WAS DISCOVERED AT 2 LOCATIONS ON THIS SITE.  
Owner/Operator: CLARENCE LOCKAMY  
Ownership: Not reported  
Operation Type: 1  
Type: 3  
Location: 1  
Site Priority: 35/B  
Priority Update: 1998-05-30 00:00:00  
Wells Affected Y/N: N  
Samples Include: 0  
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  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Last Modified: 2000-10-27 00:00:00  
**Incident Phase: Closed Out**  
NOV Issued: Not reported  
NORR Issued: 1990-03-07 00:00:00  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: 1997-08-18 00:00:00  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: 2000-07-27 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON-MANNING ST. (Continued)**

**S101522671**

**LUST TRUST:**

Facility ID: 0-013836  
Site ID: 5493  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Commercial  
Priority Rank: High  
Deductable Amount: 50000  
3rd Party Deductable Amt: 100000  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**IMD:**

Region: WAS  
Facility ID: 5493  
Date Occurred: 1/20/1990  
Submit Date: 4/27/1990  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: DURING TANK REMOVAL, BLACK PETROLEUM PRODUCT WAS DISCOVERED AT 2 LOCATIONS ON THIS SITE.  
Operator: CLARENCE LOCKAMY  
Contact Phone: 2525594213  
Owner Company: CITY OF KINSTON  
Operator Address: POST OFFICE BOX 339  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-0339  
Ownership: Not reported  
Operation: Public Service  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: NONE  
Material: FUEL OIL/DIESEL  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: H  
Site Priority: 35/B  
Priority Code: H  
Priority Update: 5/30/1998  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON-MANNING ST. (Continued)**

**S101522671**

Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: 7  
Agency: DWM  
Facility ID: 5493  
Last Modified: 10/27/2000  
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: 8/18/1997  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: 7/27/2000

**A2**  
**WNW**  
**< 1/8**  
**0.048 mi.**  
**251 ft.**

**CITY OF KINSTON**  
**900 MANNING STREET**  
**KINSTON, NC 28501**

**Site 2 of 2 in cluster A**

**UST U001195021**  
**N/A**

**Relative:**  
**Higher**

UST:

**Actual:**  
**46 ft.**

Facility Id: 00-0-0000013836  
Contact: CITY OF KINSTON  
Contact Address1: P.O. BOX 339  
Contact Address2: Not reported  
Contact City/State/Zip: KINSTON, NC 28501  
FIPS County Desc: Lenoir  
Latitude: 0  
Longitude: 0

Tank Id: 1  
Tank Status: Removed  
Installed Date: 05/10/1966  
Perm Close Date: 12/31/1989  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 4000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON (Continued)**

**U001195021**

Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 2  
Tank Status: Removed  
Installed Date: 05/10/1966  
Perm Close Date: 12/31/1989  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 4000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

**3**  
**NNW**  
**< 1/8**  
**0.115 mi.**  
**606 ft.**

**THOMAS RESIDENCE (WALTER)**  
**600 NELSON STREET**  
**KINSTON, NC 28504**

**LUST** **S107998481**  
**LUST TRUST** **N/A**  
**IMD**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**42 ft.**

Facility ID: Not reported  
UST Number: WA-26428  
Incident Number: 31624  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/22/2006  
Date Occur: 11/18/2005  
Cleanup: 11/18/2005  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THOMAS RESIDENCE (WALTER) (Continued)**

**S107998481**

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: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 4  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2679 -77.5926  
Testlat: Not reported  
Regional Officer Project Mgr: CCS  
Region: WAS  
Company: Not reported  
Contact Person: WALTER M. THOMAS  
Telephone: 2525223698  
RP Address: 2774 BRANCHWOOD DRIVE  
RP City,St,Zip: KINSTON, NC 28504  
RP County: Not reported  
Comments: Not reported  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31624  
Date Occurred: 2005-11-18 00:00:00  
Date Reported: 2006-06-22 00:00:00  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THOMAS RESIDENCE (WALTER) (Continued)**

**S107998481**

Ust Number: P

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

**LUST TRUST:**

Facility ID: Not reported

Site ID: 31624

Site Note: Noncommercial; 100% eligible; \$0 deductible.

Site Eligible?: True

Commercial Find: 100% Non-Commercial

Priority Rank: Not reported

Deductable Amount: 0

3rd Party Deductable Amt: 0

Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**IMD:**

Region: Not reported

Facility ID: 31624

Date Occurred: 11/18/2005

Submit Date: 6/22/2006

GW Contam: No Groundwater Contamination detected

Soil Contam: Yes

Incident Desc: Not reported

Operator: Walter M. Thomas

Contact Phone: 2525223698

Owner Company: Not reported

Operator Address: 600 Nelson Street

Operator City: Kinston

Oper City, St, Zip: Kinston, NC 28501

Ownership: Private

Operation: Residential

Material: Not reported

Qty Lost 1: Not reported

Qty Recovered 1: Not reported

Source: Leak-underground

Type: Gasoline/diesel

Location: Residence

Setting: Not reported

Risk Site: Not reported

Site Priority: Not reported

Priority Code: Not reported

Priority Update: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THOMAS RESIDENCE (WALTER) (Continued)**

**S107998481**

Dem Contact: ccs  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: 0  
Longitude Number: 0  
Latitude Decimal: 0  
Longitude Decimal: 0  
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 Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

4  
NE  
< 1/8  
0.124 mi.  
655 ft.

**603 W WASHINGTON AVE  
KINSTON, NC 28501**

**EDR Hist Cleaner 1015079688  
N/A**

**Relative:  
Lower**

EDR Historical Cleaners:

Name: CLEANERS  
Year: 2002

**Actual:  
43 ft.**

Address: 603 W WASHINGTON AVE

**B5  
North  
1/8-1/4  
0.227 mi.  
1196 ft.**

**JOHN SHAO/HOUSE OF WANG, INC.  
708 W VERNON AVE  
KINSTON, NC 28501**

**LUST S103130153  
IMD N/A**

**Site 1 of 5 in cluster B**

**Relative:  
Higher**

LUST:

Facility ID: Not reported  
UST Number: WA-449  
Incident Number: 7661  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 04/27/1992

**Actual:  
45 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN SHAO/HOUSE OF WANG, INC. (Continued)**

**S103130153**

Date Occur: 06/29/1990  
Cleanup: 06/29/1990  
Closure Request: Not reported  
Close Out: 04/27/1992  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Industrial/commercial  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to 2L.0202 standards  
PETOPT: 4  
RPL: False  
CD Num: 180  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2666 -77.5894  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: HOUSE OF WANG INC  
Contact Person: JOHN SHAO  
Telephone: Not reported  
RP Address: PO BOX 1086  
RP City,St,Zip: KINSTON, NC 28501  
RP County: LENOI  
Comments: UST LEAKAGE  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 7661  
Date Occurred: 1990-06-29 00:00:00  
Date Reported: 1992-04-27 00:00:00  
Description Of Incident: UST LEAKAGE  
Owner/Operator: JOHN SHAO  
Ownership: 4  
Operation Type: 6  
Type: Not reported  
Location: Not reported  
Site Priority: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN SHAO/HOUSE OF WANG, INC. (Continued)**

**S103130153**

|                            |                     |
|----------------------------|---------------------|
| Priority Update:           | Not reported        |
| Wells Affected Y/N:        | Not reported        |
| 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:               | Min_Soil            |
| Err Type:                  | Not reported        |
| Cause:                     | Not reported        |
| Source:                    | Not reported        |
| Ust Number:                | Not reported        |
| Last Modified:             | 1992-05-18 00:00:00 |
| <b>Incident Phase:</b>     | <b>Closed Out</b>   |
| 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:          | 1992-04-27 00:00:00 |

**IMD:**

|                   |  |
|-------------------|--|
| Region:           | WAS  |
| Facility ID:      | 7661   |
| Date Occurred:    | 6/29/1990  |
| Submit Date:      | 4/27/1992  |
| GW Contam:        | Yes, Groundwater Contamination has been detected |
| Soil Contam:      | No   |
| Incident Desc:    | UST LEAKAGE                                      |
| Operator:         | JOHN SHAO  |
| Contact Phone:    | Not reported                                     |
| Owner Company:    | HOUSE OF WANG INC                                |
| Operator Address: | PO BOX 1086                                      |
| Operator City:    | KINSTON  |
| Oper City,St,Zip: | KINSTON, NC 28501-                               |
| Ownership:        | Private  |
| Operation:        | Commercial                                       |
| Material:         | Not reported                                     |
| Qty Lost 1:       | Not reported                                     |
| Qty Recovered 1:  | Not reported                                     |
| Source:           | Leak-underground                                 |
| Type:             | Gasoline/diesel                                  |
| Location:         | Not reported                                     |
| Setting:          | Not reported                                     |
| Risk Site:        | Not reported                                     |
| Site Priority:    | Not reported                                     |
| Priority Code:    | Not reported                                     |
| Priority Update:  | Not reported                                     |
| Dem Contact:      | SNH  |
| Wells Affected:   | Not reported                                     |
| Num Affected:     | 0  |
| Wells Contam:     | Not reported                                     |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN SHAO/HOUSE OF WANG, INC. (Continued)**

**S103130153**

Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26638888  
Longitude: -77.58916666  
Latitude Number: 351559  
Longitude Number: 773521  
Latitude Decimal: 35.2663888888889  
Longitude Decimal: 77.5891666666667  
GPS: 7  
Agency: DWM  
Facility ID: 7661  
Last Modified: 5/18/1992  
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: 4/27/1992

**C6**  
**NNW**  
**1/8-1/4**  
**0.227 mi.**  
**1201 ft.**

**BRINKLEY'S SERVICE CENTER**  
**820 W. VERNON AVE.**  
**KINSTON, NC 28501**

**Site 1 of 4 in cluster C**

**LUST**  
**LUST TRUST**  
**UST**

**U003561926**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**44 ft.**

Facility ID: 00-0-000  
UST Number: WA-197  
Incident Number: 6021  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 08/08/1989  
Date Occur: 08/08/1989  
Cleanup: 08/08/1989  
Closure Request: 1999-03-11 00:00:00  
Close Out: 04/29/1999  
Level Of Soil Cleanup Achieved: Residential  
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: K  
NOV Issue Date: 08/30/1989  
NORR Issue Date: Not reported  
Site Priority: 35E  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRINKLEY'S SERVICE CENTER (Continued)**

**U003561926**

MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 181  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2666 -77.5916  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: ESTATE OF RUTH PARROTT  
Contact Person: ANNE P. LEISTER  
Telephone: Not reported  
RP Address: 1732 VERRAZZANO DRIVE  
RP City,St,Zip: WILMINGTON, NC 28405  
RP County: Not reported  
Comments: NO FURTHER ACTION  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 6021  
Date Occurred: 1989-08-08 00:00:00  
Date Reported: 1990-11-06 00:00:00  
Description Of Incident: SITE ASSESSMENT REVEALED 4 MONITOR WELLS ON SITE HAD PETROLEUM CONSTITUENTS IN CONCENTRATIONS EXCEEDING 2L STANDARDS.  
Owner/Operator: ANNE P. LEISTER  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 6  
Site Priority: 35/E  
Priority Update: 1998-05-30 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: 1999-05-13 00:00:00  
**Incident Phase: Closed Out**  
NOV Issued: 1989-08-30 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRINKLEY'S SERVICE CENTER (Continued)**

**U003561926**

|                            |                     |
|----------------------------|---------------------|
| 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:          | 1999-04-29 00:00:00 |

**LUST TRUST:**

|                            |  |
|----------------------------|--|
| Facility ID:               | 0-000973   |
| Site ID:                   | 6021   |
| Site Note:                 | Site is 98%Commercial, 2% Noncommercial. NOTE TO REVIEWERS - with claim #200, the amounts listed on the last final audit invoice are correct. Please be careful with all future claims when generating invoices. |
| Site Eligible?:            | True   |
| Commercial Find:           | 0.9799999999999998   |
| Priority Rank:             | Low  |
| Deductable Amount:         | 50000  |
| 3rd Party Deductable Amt:  | 100000   |
| Sum 3rd Party Amt Applied: | 0  |

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**UST:**

|                           |                     |
|---------------------------|---------------------|
| Facility Id:              | 00-0-0000025465     |
| Contact:                  | EST OF RUTH PARROTT |
| Contact Address1:         | PO BOX 1476         |
| Contact Address2:         | Not reported        |
| Contact City/State/Zip:   | KINSTON, NC 28503   |
| FIPS County Desc:         | Lenoir              |
| Latitude:                 | 0                   |
| Longitude:                | 0                   |
| Tank Id:                  | 1                   |
| Tank Status:              | Removed             |
| Installed Date:           | 09/25/1975          |
| Perm Close Date:          | 03/27/1991          |
| Product Key:              | 3                   |
| Product Name:             | Gasoline, Gas Mix   |
| Tank Capacity:            | 6000                |
| Root Tank Id:             | Not reported        |
| Main Tank:                | No                  |
| Compartment Tank:         | No                  |
| Manifold Tank:            | Not reported        |
| Commercial:               | Yes                 |
| Regulated:                | Yes                 |
| Tank Construction:        | Single Wall Steel   |
| Piping Construction:      | Single Wall Steel   |
| Piping System Key:        | Unknown             |
| Other CP Tank:            | Not reported        |
| Overfill Protection Key:  | 1                   |
| Overfill Protection Name: | Unknown             |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRINKLEY'S SERVICE CENTER (Continued)**

**U003561926**

Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 1  
Tank Status: Removed  
Installed Date: 05/09/1978  
Perm Close Date: 04/30/1991  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 10000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 2  
Tank Status: Removed  
Installed Date: 09/25/1975  
Perm Close Date: 03/27/1991  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 6000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRINKLEY'S SERVICE CENTER (Continued)**

**U003561926**

Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

**C7  
NNW  
1/8-1/4  
0.229 mi.  
1211 ft.**

**BRINKLEY'S SERVICE CENTER  
820 W.VERNON AVE.  
KINSTON, NC**

**IMD U003563067  
N/A**

**Site 2 of 4 in cluster C**

**Relative:  
Higher**

**IMD:**

**Actual:  
44 ft.**

Region: WAS  
Facility ID: 6021  
Date Occurred: 8/8/1989  
Submit Date: 11/6/1990  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: SITE ASSESSMENT REVEALED 4 MONITOR WELLS ON SITE HAD PETROLEUM CONSTITUENTS IN CONCENTRATIONS EXCEEDING 2L STANDARDS.  
Operator: ANNE P. LEISTER  
Contact Phone: Not reported  
Owner Company: ESTATE OF RUTH PARROTT  
Operator Address: 1732 VERRAZZANO DRIVE  
Operator City: WILMINGTON  
Oper City, St, Zip: WILMINGTON, NC 28405-  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: NONE  
Material: WASTE OIL  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Highway  
Setting: Urban  
Risk Site: L  
Site Priority: 35/E  
Priority Code: L  
Priority Update: 5/30/1998  
Dem Contact: SNH  
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: 35.26638888  
Longitude: -77.59138888  
Latitude Number: 351559  
Longitude Number: 773529  
Latitude Decimal: 35.2663888888889  
Longitude Decimal: 77.5913888888889

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRINKLEY'S SERVICE CENTER (Continued)**

**U003563067**

GPS: 7  
Agency: DWM  
Facility ID: 6021  
Last Modified: 5/13/1999  
Incident Phase: Closed Out  
NOV Issued: 8/30/1989  
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: 4/29/1999

**B8**  
**North**  
**1/8-1/4**  
**0.233 mi.**  
**1231 ft.**

**CAROLINA DIXIE GRAIN**  
**HIGHWAY 258 NORTH**  
**KINSTON, NC 28501**  
**Site 2 of 5 in cluster B**

**UST 1000533913**  
**N/A**

**Relative:**  
**Higher**

UST:  
Facility Id: 00-0-0000017136  
Contact: L. HARVEY & SON COMPANY  
Contact Address1: P.O. BOX 189  
Contact Address2: Not reported  
Contact City/State/Zip: KINSTON, NC 28501  
FIPS County Desc: Lenoir  
Latitude: 0  
Longitude: 0

**Actual:**  
**44 ft.**

Tank Id: 1  
Tank Status: Removed  
Installed Date: 04/24/1970  
Perm Close Date: 11/30/1988  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 10000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA DIXIE GRAIN (Continued)**

**1000533913**

Decode for PSYS\_KEY: Unknown

**B9**  
**North**  
**1/8-1/4**  
**0.248 mi.**  
**1310 ft.**

**FASTLAND FOOD MART**  
**701 WEST VERNON AVENUE**  
**KINSTON, NC 28501**

**Site 3 of 5 in cluster B**

**LUST**  
**LUST TRUST**  
**UST**  
**IMD**  
**Financial Assurance**

**U003135885**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**44 ft.**

Facility ID: 00-0-000  
UST Number: WA-1919  
Incident Number: 22406  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 09/08/2000  
Date Occur: 08/28/2000  
Cleanup: 08/28/2000  
Closure Request: Not reported  
Close Out: 06/24/2010  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: I  
Risk Class Based On Review: L  
Corrective Action Plan Type: SVE  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: 2  
Site Risk Reason: CGF  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 05/25/2010  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 449  
Reel Num: 4315  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: Y  
Valid: False  
Lat/Long Decimal: 35.2699 -77.5963  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: THE PANTRY, INC.  
Contact Person: MS. RENEE THOMAS  
Telephone: 9197746700  
RP Address: P.O. BOX 1410

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

RP City,St,Zip: SANFORD, NC 27331  
RP County: LEE  
Comments: LINE LEAK; SENT FOR ARCHIVING 10/12; CD525 ERRATA HAS ADDITIONAL INFORMATION  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 22406  
Date Occurred: 2000-08-28 00:00:00  
Date Reported: 2000-10-12 00:00:00  
Description Of Incident: GROUNDWATER AND SOIL CONTAMINATION DISCOVERED DUE TO UST RELEASE  
Owner/Operator: MS. RENEE THOMAS  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: I  
Priority Update: 2000-10-12 00:00:00  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Not reported  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 1  
Cause: Not reported  
Source: B  
Ust Number: B

Last Modified: 2010-06-24 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

Facility ID: 00-0-000  
UST Number: WA-27221  
Incident Number: 38386  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 05/10/2013  
Date Occur: 03/19/2013  
Cleanup: 03/19/2013  
Closure Request: Not reported  
Close Out: 07/26/2013  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

Risk Classification: U  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 05/25/2010  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2698 -77.5901  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: FAST LAND FOOD MART  
Contact Person: SHREE AKSHARKRUPA, LLC  
Telephone: Not reported  
RP Address: 701 WEST VERNON AVENUW  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: SEE INCIDENT NUMBER 22406 FOR NRP FOR GW  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 38386  
Date Occurred: 2013-03-19 00:00:00  
Date Reported: 2013-05-10 00:00:00  
Description Of Incident: 5 USTS CLOSED  
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: Y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

Err Type: 2  
Cause: 3  
Source: A  
Ust Number: P  
  
Last Modified: 2013-07-26 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

**LUST TRUST:**

Facility ID: 0-014744  
Site ID: 22406  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Commercial  
Priority Rank: Not reported  
Deductable Amount: 20000  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**UST:**

Facility Id: 00-0-0000014744  
Contact: SHREE AKSHARKRUPA LLC  
Contact Address1: 701 W VERNON AVENUE  
Contact Address2: Not reported  
Contact City/State/Zip: KINSTON, NC 28501-3743  
FIPS County Desc: Lenoir  
Latitude: 35.26970  
Longitude: -77.58960  
  
Tank Id: 0201-1  
Tank Status: Removed  
Installed Date: 06/27/1981  
Perm Close Date: 06/30/1986  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 10000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 0201-2  
Tank Status: Removed  
Installed Date: 06/27/1981  
Perm Close Date: 06/30/1986  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 10000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 0201-3  
Tank Status: Removed  
Installed Date: 06/27/1981  
Perm Close Date: 06/30/1986  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 10000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 0201-4  
Tank Status: Removed  
Installed Date: 06/27/1981  
Perm Close Date: 06/30/1986  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 10000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 0201-5  
Tank Status: Current  
Installed Date: 06/26/1985  
Perm Close Date: Not reported  
Product Key: 8  
Product Name: Kerosene, Kero Mix  
Tank Capacity: 3000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: 0  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall FRP  
Piping System Key: European Suction

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

|                           |                       |
|---------------------------|-----------------------|
| Other CP Tank:            | Not reported          |
| Overfill Protection Key:  | 3                     |
| Overfill Protection Name: | Auto Shutoff Device   |
| Spill Protection Key:     | 4                     |
| Spill Protection Name:    | Catchment Basin       |
| Leak Detection Key:       | 3                     |
| Leak Detection Name:      | MLLD                  |
| Decode for TCONS_KEY:     | Single Wall Steel     |
| Decode for PCONS_KEY:     | Single Wall FRP       |
| Decode for PSYS_KEY:      | European Suction      |
|                           |                       |
| Tank Id:                  | 0201-6                |
| Tank Status:              | Current               |
| Installed Date:           | 06/01/1986            |
| Perm Close Date:          | Not reported          |
| Product Key:              | 3                     |
| Product Name:             | Gasoline, Gas Mix     |
| Tank Capacity:            | 8000                  |
| Root Tank Id:             | Not reported          |
| Main Tank:                | No                    |
| Compartment Tank:         | No                    |
| Manifold Tank:            | 0                     |
| Commercial:               | Yes                   |
| Regulated:                | Yes                   |
| Tank Construction:        | Single Wall Steel/FRP |
| Piping Construction:      | Single Wall FRP       |
| Piping System Key:        | Pressurized System    |
| Other CP Tank:            | Not reported          |
| Overfill Protection Key:  | 3                     |
| Overfill Protection Name: | Auto Shutoff Device   |
| Spill Protection Key:     | 4                     |
| Spill Protection Name:    | Catchment Basin       |
| Leak Detection Key:       | 3                     |
| Leak Detection Name:      | MLLD                  |
| Decode for TCONS_KEY:     | Single Wall Steel/FRP |
| Decode for PCONS_KEY:     | Single Wall FRP       |
| Decode for PSYS_KEY:      | Pressurized System    |
|                           |                       |
| Tank Id:                  | 0201-7                |
| Tank Status:              | Current               |
| Installed Date:           | 06/01/1986            |
| Perm Close Date:          | Not reported          |
| Product Key:              | 3                     |
| Product Name:             | Gasoline, Gas Mix     |
| Tank Capacity:            | 8000                  |
| Root Tank Id:             | Not reported          |
| Main Tank:                | No                    |
| Compartment Tank:         | No                    |
| Manifold Tank:            | 0                     |
| Commercial:               | Yes                   |
| Regulated:                | Yes                   |
| Tank Construction:        | Single Wall Steel/FRP |
| Piping Construction:      | Single Wall FRP       |
| Piping System Key:        | Pressurized System    |
| Other CP Tank:            | Not reported          |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

Overfill Protection Key: 3  
Overfill Protection Name: Auto Shutoff Device  
Spill Protection Key: 4  
Spill Protection Name: Catchment Basin  
Leak Detection Key: 3  
Leak Detection Name: MLLD  
Decode for TCONS\_KEY: Single Wall Steel/FRP  
Decode for PCONS\_KEY: Single Wall FRP  
Decode for PSYS\_KEY: Pressurized System

Tank Id: 0201-8  
Tank Status: Current  
Installed Date: 06/01/1986  
Perm Close Date: Not reported  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 8000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: 0  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel/FRP  
Piping Construction: Single Wall FRP  
Piping System Key: Pressurized System  
Other CP Tank: Not reported  
Overfill Protection Key: 3  
Overfill Protection Name: Auto Shutoff Device  
Spill Protection Key: 4  
Spill Protection Name: Catchment Basin  
Leak Detection Key: 3  
Leak Detection Name: MLLD  
Decode for TCONS\_KEY: Single Wall Steel/FRP  
Decode for PCONS\_KEY: Single Wall FRP  
Decode for PSYS\_KEY: Pressurized System

Tank Id: 0201-9  
Tank Status: Current  
Installed Date: 06/01/1986  
Perm Close Date: Not reported  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 8000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: 0  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall FRP  
Piping System Key: Pressurized System  
Other CP Tank: Not reported  
Overfill Protection Key: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

Overfill Protection Name: Auto Shutoff Device  
Spill Protection Key: 4  
Spill Protection Name: Catchment Basin  
Leak Detection Key: Not reported  
Leak Detection Name: Not reported  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall FRP  
Decode for PSYS\_KEY: Pressurized System

**IMD:**

Region: WAS  
Facility ID: 22406  
Date Occurred: 8/28/2000  
Submit Date: 10/12/2000  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: GROUNDWATER AND SOIL CONTAMINATION DISCOVERED DUE TO UST RELEASE  
Operator: MS. RENEE THOMAS  
Contact Phone: 9197746700  
Owner Company: THE PANTRY, INC.  
Operator Address: P.O. BOX 1410  
Operator City: SANFORD  
Oper City, St, Zip: SANFORD, NC 27331-  
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: Urban  
Risk Site: I  
Site Priority: I  
Priority Code: I  
Priority Update: 10/12/2000  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.27  
Longitude: -77.59638888  
Latitude Number: 351612  
Longitude Number: 773547  
Latitude Decimal: 35.27  
Longitude Decimal: 77.596388888889  
GPS: 6  
Agency: DWM  
Facility ID: 22406  
Last Modified: 10/12/2000  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FASTLAND FOOD MART (Continued)**

**U003135885**

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

**NC Financial Assurance 1:**

Facility ID: 00-0-0000014744  
Region: 1  
Financial Responsibility Desc: Letter of Credit  
Financial Responsibility Name: Wells Fargo Bank, N.A.  
Started Date: 03/10/2013  
Ended Date: 03/10/2014

**B10**  
**North**  
**1/8-1/4**  
**0.250 mi.**  
**1320 ft.**

**KWIK MART #4/WOOTEN OIL CO.**  
**701 W. VERNON AVE**  
**KINSTON, NC**

**IMD S101167210**  
**N/A**

**Site 4 of 5 in cluster B**

**Relative:**  
**Higher**

**IMD:**

**Actual:**  
**44 ft.**

Region: WAS  
Facility ID: 3249  
Date Occurred: 6/19/1986  
Submit Date: 7/9/1986  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: TELEPHONE SERVICEMAN OPENED A CABLE MANHOLE & FOUND GASOLINE FLOATING ON WATER. MANHOLE IS ABOUT 30 FT FROM UST AT KWIK MART STORE.  
Operator: DILLON WOOTEN  
Contact Phone: Not reported  
Owner Company: WOOTEN OIL CO.  
Operator Address: POST OFFICE BOX 1277  
Operator City: GOLDSBORO  
Oper City, St, Zip: GOLDSBORO, NC 28533-1277  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: 75 GAL  
Material: DIESEL  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Material: KERSOSENE  
Qty Lost: Not reported  
Qty Recovered 3: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: I  
Site Priority: 200/A  
Priority Code: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KWIK MART #4/WOOTEN OIL CO. (Continued)**

**S101167210**

Priority Update: 11/7/2001  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: None  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26972222  
Longitude: -77.59611111  
Latitude Number: 351611  
Longitude Number: 773546  
Latitude Decimal: 35.269722222222  
Longitude Decimal: 77.596111111111  
GPS: 7  
Agency: DWM  
Facility ID: 3249  
Last Modified: 5/3/2001  
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: 9/18/2000

**C11**  
**NNW**  
**1/4-1/2**  
**0.250 mi.**  
**1322 ft.**

**KINNEY'S SERVICE CENTER**  
**813 WEST VERNON AVE.**  
**KINSTON, NC**

**Site 3 of 4 in cluster C**

**LUST TRUST**  
**IMD**

**S101524667**  
**N/A**

**Relative:**  
**Higher**

LUST TRUST:  
Facility ID: 0-013261  
Site ID: 12139  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Commercial  
Priority Rank: High  
Deductable Amount: 20000  
3rd Party Deductable Amt: 100000  
Sum 3rd Party Amt Applied: 0

**Actual:**  
**45 ft.**

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

IMD:

Region: WAS  
Facility ID: 12139  
Date Occurred: 3/26/1994  
Submit Date: 5/13/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINNEY'S SERVICE CENTER (Continued)**

**S101524667**

GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: GW CONTAM. CONFIRMED DURING UST CLOSURE.  
Operator: L. E. COOPER  
Contact Phone: 2525239090  
Owner Company: HARVEY FERTILIZER & GAS CO.  
Operator Address: POST OFFICE BOX 189  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: I  
Site Priority: 110/B  
Priority Code: H  
Priority Update: 5/30/1998  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Q27T  
Latitude: 35.27055555  
Longitude: -77.6  
Latitude Number: 351614  
Longitude Number: 773600  
Latitude Decimal: 35.2705555555556  
Longitude Decimal: 77.6  
GPS: 6  
Agency: DWM  
Facility ID: 12139  
Last Modified: 2/28/1997  
Incident Phase: Remedial Action Implemented  
NOV Issued: 2/7/1997  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C12**  
**NNW**  
**1/4-1/2**  
**0.250 mi.**  
**1322 ft.**

**JOHN KINNEY'S EXXON**  
**813 WEST VERNON AVENUE**  
**KINSTON, NC 28501**

**Site 4 of 4 in cluster C**

**LUST**  
**UST**

**U003144390**  
**N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**45 ft.**

Facility ID: 00-0-000  
UST Number: WA-958  
Incident Number: 12139  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 05/04/1994  
Date Occur: 03/26/1994  
Cleanup: 03/26/1994  
Closure Request: Not reported  
Close Out: 07/31/2006  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: I  
Risk Class Based On Review: L  
Corrective Action Plan Type: L  
NOV Issue Date: Not reported  
NORR Issue Date: 05/13/1994  
Site Priority: 110B  
Phase Of LSA Req: Not reported  
Site Risk Reason: CGS  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 07/24/2006  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 366  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2705 -77.5999  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: HARVEY FERTILIZER & GAS CO.  
Contact Person: L. E. COOPER  
Telephone: 2525239090  
RP Address: POST OFFICE BOX 189  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: NEW "L" CAP APPR'VD 2/7/97.SAR RECEIVED 5/14/01-TREATMENT REQUEST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN KINNEY'S EXXON (Continued)**

**U003144390**

DENIED 6/5/01.  
5 Min Quad: Not reported

PIRF:

|                            |  |
|----------------------------|--|
| Facility Id:               | 12139                                    |
| Date Occurred:             | 1994-03-26 00:00:00                      |
| Date Reported:             | 1994-05-13 00:00:00                      |
| Description Of Incident:   | GW CONTAM. CONFIRMED DURING UST CLOSURE. |
| Owner/Operator:            | L. E. COOPER                             |
| Ownership:                 | 4  |
| Operation Type:            | 6  |
| Type:                      | 3  |
| Location:                  | 1  |
| Site Priority:             | 110/B                                    |
| Priority Update:           | 1998-05-30 00:00:00                      |
| Wells Affected Y/N:        | Not reported                             |
| Samples Include:           | 0  |
| 7#5 Minute Quad:           | 3  |
| 5 Minute Quad:             | 1  |
| Pirf/Min Soil:             | Not reported                             |
| Release Code:              | Q27T                                     |
| Source Code:               | Pirf                                     |
| Err Type:                  | Not reported                             |
| Cause:                     | Not reported                             |
| Source:                    | Not reported                             |
| Ust Number:                | Not reported                             |
| Last Modified:             | 2006-07-31 00:00:00                      |
| <b>Incident Phase:</b>     | <b>Closed Out</b>                        |
| NOV Issued:                | 1997-02-07 00:00:00                      |
| 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:            | 00-0-0000013261             |
| Contact:                | HARVEY FERTILIZER & GAS     |
| Contact Address1:       | PO BOX 189 - 1291 HWY 258 N |
| Contact Address2:       | Not reported                |
| Contact City/State/Zip: | KINSTON, NC 28501-0189      |
| FIPS County Desc:       | Lenoir                      |
| Latitude:               | 0                           |
| Longitude:              | 0                           |
| Tank Id:                | 1                           |
| Tank Status:            | Removed                     |
| Installed Date:         | 04/12/1966                  |
| Perm Close Date:        | 03/26/1994                  |
| Product Key:            | 3                           |
| Product Name:           | Gasoline, Gas Mix           |
| Tank Capacity:          | 2000                        |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN KINNEY'S EXXON (Continued)**

**U003144390**

Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 2  
Tank Status: Removed  
Installed Date: 04/13/1961  
Perm Close Date: 03/26/1994  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 2000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 3  
Tank Status: Removed  
Installed Date: 04/13/1961  
Perm Close Date: 03/26/1994  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 3000  
Root Tank Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN KINNEY'S EXXON (Continued)**

**U003144390**

Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 4  
Tank Status: Removed  
Installed Date: 04/13/1961  
Perm Close Date: 03/26/1994  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 3000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 5  
Tank Status: Removed  
Installed Date: 04/13/1961  
Perm Close Date: 03/26/1994  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 3000  
Root Tank Id: Not reported  
Main Tank: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN KINNEY'S EXXON (Continued)**

**U003144390**

Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Unknown  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Unknown  
Decode for PSYS\_KEY: Unknown

Tank Id: 6  
Tank Status: Removed  
Installed Date: 04/13/1961  
Perm Close Date: 01/01/1964  
Product Key: 14  
Product Name: Oil, New/Used/Mix  
Tank Capacity: 550  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

**D13**  
**NE**  
**1/4-1/2**  
**0.251 mi.**  
**1325 ft.**

**TEAGUE RESIDENCE (FRANK)**  
**411 WEST LENOIR AVE**  
**KINSTON, NC 28501**  
**Site 1 of 2 in cluster D**

**LUST** **S108407891**  
**LUST TRUST** **N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**42 ft.**

Facility ID: Not reported  
UST Number: WA-26504  
Incident Number: 31703  
Contamination Type: SL  
Source Type: Leak-underground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEAGUE RESIDENCE (FRANK) (Continued)**

**S108407891**

Product Type: P  
Date Reported: 12/19/2006  
Date Occur: 11/15/2006  
Cleanup: 11/15/2006  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: H  
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: Residential  
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: 4  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2684 -77.5371  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: Not reported  
Contact Person: FRANK TEAGUE  
Telephone: 2525277103  
RP Address: 411 WEST LENOIR AVE  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: 550 HOME HEATING OIL TANK REMOVAL. SS ABOVE RESIDENTIAL. NO GW  
SAMPLE. LETTER SENT REQUESTING LSA 12/27/2006. (LSA REPORT FOR TEAGUE  
RES. REC'D 5/2/2007. GMA CALLED 5/7/2007 TO REPORT THAT SAMPLE  
RESULTS IN REPORT WHERE FOR FOR ANOTHER SITE. LSA WILL  
5 Min Quad: Not reported  
PIRF:  
Facility Id: 31703  
Date Occurred: 2006-11-15 00:00:00  
Date Reported: 2006-12-19 00:00:00  
Description Of Incident: 550 Gallon Home Heating Oil Tank Removal  
Owner/Operator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEAGUE RESIDENCE (FRANK) (Continued)**

**S108407891**

Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: Not reported  
Ust Number: P  
  
Last Modified: Not reported  
**Incident Phase: Response**  
NOV Issued: Not reported  
NORR Issued: 2006-12-27 00:00:00  
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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31703  
Site Note: Noncommercial; 100% eligible; \$0 deductible.[CGS 07/02/07]  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

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**B14**  
**North**  
**1/4-1/2**  
**0.252 mi.**  
**1330 ft.**  
**KWIK MART #4/WOOTEN OIL CO.**  
**701 W. VERNON AVE**  
**KINSTON, NC 28501**  
**Site 5 of 5 in cluster B**

**LUST**  
**UIC**  
**S109504810**  
**N/A**

**Relative:**  
**Higher**

**LUST:**  
Facility ID: 00-0-000  
UST Number: WA-35  
Incident Number: 3249  
Contamination Type: GW  
Source Type: Leak-underground

**Actual:**  
**44 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KWIK MART #4/WOOTEN OIL CO. (Continued)**

**S109504810**

Product Type: P  
Date Reported: 06/19/1986  
Date Occur: 06/19/1986  
Cleanup: 06/19/1996  
Closure Request: 2000-09-15 00:00:00  
Close Out: 09/18/2000  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
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: Not reported  
Site Priority: 200A  
Phase Of LSA Req: 2  
Site Risk Reason: CG  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 180  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2699 -77.5963  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: WOOTEN OIL CO.  
Contact Person: DILLON WOOTEN  
Telephone: Not reported  
RP Address: POST OFFICE BOX 1277  
RP City,St,Zip: GOLDSBORO, NC 285331277  
RP County: Not reported  
Comments: The Pantry #932, located at same, had line leak 8/00. They will continue work at site.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 3249  
Date Occurred: 1986-06-19 00:00:00  
Date Reported: 1986-07-09 00:00:00  
Description Of Incident: TELEPHONE SERVICEMAN OPENED A CABLE MANHOLE & FOUND GASOLINE FLOATING ON WATER. MANHOLE IS ABOUT 30 FT FROM UST AT KWIK MART STORE.  
Owner/Operator: DILLON WOOTEN  
Ownership: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KWIK MART #4/WOOTEN OIL CO. (Continued)**

**S109504810**

Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 200/A  
Priority Update: 2001-11-07 00:00:00  
Wells Affected Y/N: N  
Samples Include: 0  
7#5 Minute Quad: 5  
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: 2000-09-18 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: 2000-09-18 00:00:00

**UIC:**

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003878  
Env Interest Status: Active  
Latitude: 35.2696  
Longitude: -77.5897

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003879  
Env Interest Status: Active  
Latitude: 35.2697  
Longitude: -77.5895

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003880  
Env Interest Status: Active  
Latitude: 35.2696  
Longitude: -77.5897

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003881  
Env Interest Status: Active  
Latitude: 35.2697

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KWIK MART #4/WOOTEN OIL CO. (Continued)**

**S109504810**

Longitude: -77.5897

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003882  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003883  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003884  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003885  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003886  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003887  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003888  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003889  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KWIK MART #4/WOOTEN OIL CO. (Continued)**

**S109504810**

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003890  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003891  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003892  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003893  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003894  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003895  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003896  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003897  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KWIK MART #4/WOOTEN OIL CO. (Continued)**

**S109504810**

Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS003898  
Env Interest Status: Active  
Latitude: Not reported  
Longitude: Not reported

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS034335  
Env Interest Status: Active  
Latitude: 35.2697  
Longitude: -77.5897

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS034336  
Env Interest Status: Active  
Latitude: 35.2697  
Longitude: -77.5897

Permit Num: WI0700092  
Permit Type: Injection In situ Groundwater Remediation Well  
Environmental Interest Number: BIMS034337  
Env Interest Status: Active  
Latitude: 35.2697  
Longitude: -77.5897

**D15  
NE  
1/4-1/2  
0.252 mi.  
1331 ft.**

**WOOTEN RESIDENCE  
409 WEST LENOIR AVE  
KINSTON, NC 28501**

**Site 2 of 2 in cluster D**

**LUST  
LUST TRUST  
IMD**

**S102868392  
N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
42 ft.**

Facility ID: Not reported  
UST Number: WA-1291  
Incident Number: 15118  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 11/06/1995  
Date Occur: 11/06/1995  
Cleanup: 11/06/1995  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: L  
Risk Class Based On Review: I  
Corrective Action Plan Type: L  
NOV Issue Date: 12/01/1995  
NORR Issue Date: Not reported  
Site Priority: 70E  
Phase Of LSA Req: Not reported  
Site Risk Reason: CFG  
Land Use: Residential

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOOTEN RESIDENCE (Continued)**

**S102868392**

MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 4  
RPL: False  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.1501 -77.3511  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: ANTHONY & TERRY WOOTEN  
Contact Person: ANTHONY WOOTEN  
Telephone: Not reported  
RP Address: 12172 DEER CHASE DRIVE  
RP City,St,Zip: CINCINNATI, OH 45240  
RP County: Not reported  
Comments: REQ GRDWATER SAMPLES TO SEE LEVEL OF CONTAM. OR FREE PRODUCT- SAR IF GRDWATER OK.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 15118  
Date Occurred: 1995-11-09 00:00:00  
Date Reported: 1996-02-26 00:00:00  
Description Of Incident: MINOR SOIL AND GW CONTAM. WERE CONFIRMED UPON INSPECTION OF HOME HEATING OIL TANK.  
Owner/Operator: ANTHONY WOOTEN  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: 70/E  
Priority Update: 1998-05-30 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: Q27T  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 1996-03-19 00:00:00  
**Incident Phase: Follow Up**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOOTEN RESIDENCE (Continued)**

**S102868392**

NOV Issued: 1995-11-30 00:00:00  
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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 15118  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Low  
Deductable Amount: 0  
3rd Party Deductable Amt: 100000  
Sum 3rd Party Amt Applied: 0

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**IMD:**

Region: WAS  
Facility ID: 15118  
Date Occurred: 11/6/1995  
Submit Date: 2/26/1996  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: MINOR SOIL AND GW CONTAM. WERE CONFIRMED UPON INSPECTION OF HOME HEATING OIL TANK.  
Operator: ANTHONY WOOTEN  
Contact Phone: Not reported  
Owner Company: ANTHONY & TERRY WOOTEN  
Operator Address: 12172 DEER CHASE DRIVE  
Operator City: CINCINNATI  
Oper City, St, Zip: CINCINNATI, OH 45240-  
Ownership: Private  
Operation: Residential  
Material: FUEL OIL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Residence  
Setting: Residential  
Risk Site: L  
Site Priority: 70/E  
Priority Code: L  
Priority Update: 5/30/1998  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOOTEN RESIDENCE (Continued)**

**S102868392**

Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Q27T  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: 6  
Agency: DWM  
Facility ID: 15118  
Last Modified: 3/19/1996  
Incident Phase: Follow Up  
NOV Issued: 11/30/1995  
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

16  
NNW  
1/4-1/2  
0.269 mi.  
1421 ft.

**GOODYEAR TIRE SERVICE CENTER/KINSTON**  
**1001 W. VERNON AVE**  
**KINSTON, NC 28501**

**LUST** **S105765879**  
**IMD** **N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**45 ft.**

Facility ID: 00-0-000  
UST Number: WA-724  
Incident Number: 10160  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 04/08/1993  
Date Occur: 01/27/1993  
Cleanup: 01/27/1993  
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: BOTH  
Risk Classification: L  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: 05/05/1993  
Site Priority: 50E  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOODYEAR TIRE SERVICE CENTER/KINSTON (Continued)**

**S105765879**

Land Use: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: Not reported  
RPL: False  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2705 -77.5935  
Testlat: Not reported  
Regional Officer Project Mgr: BDS  
Region: WAS  
Company: VAN BRAXTON  
Contact Person: VAN BRAXTON  
Telephone: Not reported  
RP Address: 1001 WEST VERNON AVENUE  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: 550-GALLON WASTE OIL UST REMOVED 1993. ,500 GALLON HEATING OIL UST  
REMOVED IN 1998. THE HEATING OIL INCIDENT IS CLOSED.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 10160  
Date Occurred: 1993-01-27 00:00:00  
Date Reported: 1993-05-05 00:00:00  
Description Of Incident: MONITORING WELL CONFIRMED GW CONTAMINATION.  
Owner/Operator: VAN BRAXTON  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 50/E  
Priority Update: 1998-05-30 00:00:00  
Wells Affected Y/N: Not reported  
Samples Include: 0  
7#5 Minute Quad: 3  
5 Minute Quad: 2  
Pirf/Min Soil: Not reported  
Release Code: Q27T  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Last Modified: Not reported

**Incident Phase: Response**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOODYEAR TIRE SERVICE CENTER/KINSTON (Continued)**

**S105765879**

|                            |              |
|----------------------------|--------------|
| 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:            | WAS  |
| Facility ID:       | 10160  |
| Date Occurred:     | 1/27/1993  |
| Submit Date:       | 5/5/1993   |
| GW Contam:         | Yes, Groundwater Contamination has been detected |
| Soil Contam:       | No   |
| Incident Desc:     | MONITORING WELL CONFIRMED GW CONTAMINATION.      |
| Operator:          | VAN BRAXTON                                      |
| Contact Phone:     | Not reported                                     |
| Owner Company:     | VAN BRAXTON                                      |
| Operator Address:  | 1001 WEST VERNON AVENUE                          |
| Operator City:     | KINSTON  |
| Oper City,St,Zip:  | KINSTON, NC 28501-                               |
| Ownership:         | Private  |
| Operation:         | Commercial                                       |
| Material:          | WASTE OIL  |
| 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:           | Urban  |
| Risk Site:         | L  |
| Site Priority:     | 50/E   |
| Priority Code:     | L  |
| Priority Update:   | 5/30/1998  |
| Dem Contact:       | SNH  |
| Wells Affected:    | Not reported                                     |
| Num Affected:      | 0  |
| Wells Contam:      | Not reported                                     |
| Sampled By:        | Responsible Parties                              |
| Samples Include:   | Soil Samples                                     |
| 7.5 Min Quad:      | Not reported                                     |
| 5 Min Quad:        | Q27T   |
| Latitude:          | 35.2687  |
| Longitude:         | -77.5811   |
| Latitude Number:   | Not reported                                     |
| Longitude Number:  | Not reported                                     |
| Latitude Decimal:  | Not reported                                     |
| Longitude Decimal: | Not reported                                     |
| GPS:               | NOD  |
| Agency:            | DWM  |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOODYEAR TIRE SERVICE CENTER/KINSTON (Continued)**

**S105765879**

Facility ID: 10160  
Last Modified: Not reported  
Incident Phase: RE  
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

**E17**  
**ENE**  
**1/4-1/2**  
**0.273 mi.**  
**1443 ft.**

**C-MART #2**  
**601 NORTH MITCHELL STREET**  
**KINSTON, NC 28501**

**IMD 1007716260**  
**FINDS N/A**

**Site 1 of 4 in cluster E**

**Relative:**  
**Higher**

IMD:

**Actual:**  
**44 ft.**

Region: Not reported  
Facility ID: 31399  
Date Occurred: 8/31/2004  
Submit Date: 12/20/2004  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: USTS WERE CLOSED IN PLACE  
Operator: MR. ARMISTEAD MAUCK  
Contact Phone: 2525233874  
Owner Company: CHERRY OIL COMPANY, INC  
Operator Address: PO BOX 1424  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501  
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: Unknown  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: MRN  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26638888  
Longitude: -77.58

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART #2 (Continued)**

**1007716260**

Latitude Number: 351559  
Longitude Number: 773448  
Latitude Decimal: 35.2663888888889  
Longitude Decimal: 77.58  
GPS: 6  
Agency: DWM  
Facility ID: 31399  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: 3/2/2005  
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

**FINDS:**

Registry ID: 110018728723

**Environmental Interest/Information System**

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

**E18**  
**ENE**  
**1/4-1/2**  
**0.275 mi.**  
**1454 ft.**

**BEARD'S SERVICE CENTER**  
**607 MITCHELL STREET**  
**KINSTON, NC 28501**

**LUST** **S117055212**  
**N/A**

**Site 2 of 4 in cluster E**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**44 ft.**

Facility ID: 00-0-000  
UST Number: WA-25972  
Incident Number: 38498  
Contamination Type: NO  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 11/30/1999  
Date Occur: 11/19/1999  
Cleanup: 11/19/1999  
Closure Request: Not reported  
Close Out: 03/10/2000  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: L

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEARD'S SERVICE CENTER (Continued)**

**S117055212**

Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
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: 5  
RPL: False  
CD Num: 157  
Reel Num: 0  
RPOW: True  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2671 -77.5838  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: BEARD'S SERVICE CENTER  
Contact Person: RAY W. BEARD  
Telephone: 2525278129  
RP Address: 607 MITCHELL STREET  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: Not reported  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 38498  
Date Occurred: 1999-11-19 00:00:00  
Date Reported: 1999-11-19 00:00:00  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 6  
Type: 4  
Location: 1  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEARD'S SERVICE CENTER (Continued)**

**S117055212**

Cause: 3  
Source: A  
Ust Number: P  
  
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

**E19**  
**ENE**  
**1/4-1/2**  
**0.286 mi.**  
**1511 ft.**

**C-MART 2**  
**601 NORTH MITCHELL ST**  
**KINSTON, NC 28501**  
  
**Site 3 of 4 in cluster E**

**LUST** **U003135700**  
**UST** **N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**44 ft.**

LUST:  
Facility ID: 00-0-000  
UST Number: WA-1423  
Incident Number: 16743  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 01/13/1997  
Date Occur: 10/09/1996  
Cleanup: 10/09/1996  
Closure Request: Not reported  
Close Out: 08/02/2006  
Level Of Soil Cleanup Achieved: Residential  
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: 01/28/1997  
Site Priority: 60E  
Phase Of LSA Req: 1  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 08/04/2006  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART 2 (Continued)**

**U003135700**

CD Num: 367  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2666 -77.5802  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: CHERRY OIL COMPANY  
Contact Person: MR. ARMISTEAD MAUCK  
Telephone: 2525233874  
RP Address: P.O. BOX 1424  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: NFA PENDING PUBLIC NOTICE; PN NEVER RECEIVED; CLOSURE REPORT RECEIVED  
12/20/04  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 16743  
Date Occurred: 1996-10-09 00:00:00  
Date Reported: 1997-01-27 00:00:00  
Description Of Incident: 700 PPB BENZENE WERE FOUND IN GW.  
Owner/Operator: JAY CHERRY  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 60/E  
Priority Update: 1998-05-30 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: Q27T  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Last Modified: 2006-08-02 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: 2000-10-30 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART 2 (Continued)**

**U003135700**

Facility ID: 00-0-000  
UST Number: WA-26137  
Incident Number: 31399  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 12/20/2004  
Date Occur: 08/31/2004  
Cleanup: 08/31/2004  
Closure Request: Not reported  
Close Out: 08/02/2006  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: U  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 08/04/2006  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: True  
CD Num: 367  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2666 -77.5802  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: CHERRY OIL COMPANY, INC  
Contact Person: MR. ARMISTEAD MAUCK  
Telephone: 2525233874  
RP Address: PO BOX 1424  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: TANKS CLOSED IN PLACE-NO NORR SENT BECAUSE IT IS COMMERCIAL SITE  
5 Min Quad: Not reported  
  
PIRF:  
Facility Id: 31399  
Date Occurred: 2004-08-31 00:00:00  
Date Reported: 2004-12-20 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART 2 (Continued)**

**U003135700**

|                          |                           |
|--------------------------|---------------------------|
| Description Of Incident: | USTS WERE CLOSED IN PLACE |
| 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:      | U                         |
| Samples Include:         | Not reported              |
| 7#5 Minute Quad:         | Y                         |
| 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:                  | Not reported              |
| Ust Number:              | 1                         |

|                            |                     |
|----------------------------|---------------------|
| Last Modified:             | 2006-08-02 00:00:00 |
| <b>Incident Phase:</b>     | <b>Closed Out</b>   |
| NOV Issued:                | 2005-03-02 00:00:00 |
| 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:            | 00-0-0000014148               |
| Contact:                | CHERRY OIL CO INC             |
| Contact Address1:       | PO BOX 1424/401 ABBOTT STREET |
| Contact Address2:       | Not reported                  |
| Contact City/State/Zip: | KINSTON, NC 28501-1424        |
| FIPS County Desc:       | Lenoir                        |
| Latitude:               | 35.2678                       |
| Longitude:              | -77.5843                      |

|                    |                       |
|--------------------|-----------------------|
| Tank Id:           | 1                     |
| Tank Status:       | Removed               |
| Installed Date:    | 05/01/1972            |
| Perm Close Date:   | 09/24/2004            |
| Product Key:       | 3                     |
| Product Name:      | Gasoline, Gas Mix     |
| Tank Capacity:     | 4000                  |
| Root Tank Id:      | Not reported          |
| Main Tank:         | No                    |
| Compartment Tank:  | No                    |
| Manifold Tank:     | Not reported          |
| Commercial:        | Yes                   |
| Regulated:         | Yes                   |
| Tank Construction: | Single Wall Steel/FRP |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART 2 (Continued)**

**U003135700**

Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel/FRP  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 2  
Tank Status: Removed  
Installed Date: 05/01/1972  
Perm Close Date: 09/24/2004  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 3000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel/FRP  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel/FRP  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 3  
Tank Status: Removed  
Installed Date: 05/01/1972  
Perm Close Date: 09/24/2004  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 3000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel/FRP  
Piping Construction: Single Wall Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART 2 (Continued)**

**U003135700**

Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel/FRP  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 4  
Tank Status: Removed  
Installed Date: 04/29/1981  
Perm Close Date: 09/24/2004  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 1000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 05/01/1972  
Perm Close Date: 09/24/2004  
Product Key: 14  
Product Name: Oil, New/Used/Mix  
Tank Capacity: 550  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART 2 (Continued)**

**U003135700**

Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

**E20**  
**ENE**  
**1/4-1/2**  
**0.293 mi.**  
**1545 ft.**

**C-MART #2 (SEE ALSO 31399)**  
**601 MITCHELL STREET**  
**KINSTON, NC**

**IMD S106896363**  
**N/A**

**Site 4 of 4 in cluster E**

**Relative:**  
**Higher**

**Actual:**  
**44 ft.**

IMD:  
Region: WAS  
Facility ID: 16743  
Date Occurred: 10/9/1996  
Submit Date: 1/27/1997  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: 700 PPB BENZENE WERE FOUND IN GW.  
Operator: MR. ARMISTEAD MAUCK  
Contact Phone: 2525233874  
Owner Company: CHERRY OIL COMPANY  
Operator Address: P.O. BOX 1424  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: L  
Site Priority: 60/E  
Priority Code: L  
Priority Update: 5/30/1998  
Dem Contact: SNH  
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: Q27T  
Latitude: 35.26638888  
Longitude: -77.58  
Latitude Number: 351559  
Longitude Number: 773448  
Latitude Decimal: 35.2663888888889  
Longitude Decimal: 77.58

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART #2 (SEE ALSO 31399) (Continued)**

**S106896363**

GPS: 6  
Agency: DWM  
Facility ID: 16743  
Last Modified: 11/14/2000  
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: 10/30/2000

**F21  
NW  
1/4-1/2  
0.319 mi.  
1683 ft.**

**TURNER PROPERTY (L.C.IIIDD, PA)  
1104 WEST VERNON AVENUE  
KINSTON, NC**

**LUST TRUST S105219735  
N/A**

**Site 1 of 2 in cluster F**

**Relative:  
Higher**

LUST TRUST:

Facility ID: Not reported  
Site ID: 22640  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

**Actual:  
45 ft.**

[Click this hyperlink](#) while viewing on your computer to access  
additional NC LUST TRUST: detail in the EDR Site Report.

**F22  
NW  
1/4-1/2  
0.319 mi.  
1683 ft.**

**DR. LYNNWOOD TURNER OFFICE  
1104 W. VERNON AVENUE  
KINSTON, NC 28501**

**LUST S104914606  
IMD N/A**

**Site 2 of 2 in cluster F**

**Relative:  
Higher**

LUST:

Facility ID: Not reported  
UST Number: WA-1944  
Incident Number: 22640  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 09/11/2000  
Date Occur: 06/15/2000  
Cleanup: 06/15/2000  
Closure Request: Not reported  
Close Out: 04/24/2012  
Level Of Soil Cleanup Achieved: Residential

**Actual:  
45 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DR. LYNNWOOD TURNER OFFICE (Continued)**

**S104914606**

Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: L  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: 12/13/2001  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: 05/21/2012  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: False  
CD Num: 555  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2699 -77.5958  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: DR. LYNN TURNER  
Contact Person: SAME  
Telephone: 2525234151  
RP Address: 1104 W. VERNON AVENUE  
RP City,St,Zip: KINSTON, NC 28501  
RP County: LENOIR  
Comments: SAR DUE 06/30/01. SOIL CLEANUP REPORT WITH SITE CLOSURE REQUEST DUE  
ASAP. NORR FOR SCP SENT 12/13/2001. }{ SCRSCR received 6/5/02 - no  
soil contamination, GW contamination > 2L in LSA. NRP issued with  
Groundwater restriction only. 6/18/02 KCS }{ SENT FOR ARCHIVING  
DECEMBER 2014;  
5 Min Quad: Not reported  
PIRF:  
Facility Id: 22640  
Date Occurred: 2000-06-15 00:00:00  
Date Reported: 2000-12-22 00:00:00  
Description Of Incident: SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL  
Owner/Operator: DR. LYNN TURNER  
Ownership: 4  
Operation Type: 6  
Type: 4  
Location: 8  
Site Priority: U  
Priority Update: 2000-12-22 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DR. LYNNWOOD TURNER OFFICE (Continued)**

**S104914606**

Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Not reported  
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: E  
Ust Number: E

Last Modified: 2012-04-24 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

**IMD:**

Region: WAS  
Facility ID: 22640  
Date Occurred: 6/15/2000  
Submit Date: 12/22/2000  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL  
Operator: SAME  
Contact Phone: 2525234151  
Owner Company: DR. LYNN TURNER  
Operator Address: 1104 W. VERNON AVENUE  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: 8  
Setting: Residential  
Risk Site: L  
Site Priority: U  
Priority Code: Not reported  
Priority Update: 12/22/2000  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DR. LYNNWOOD TURNER OFFICE (Continued)**

**S104914606**

Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26972222  
Longitude: -77.59555555  
Latitude Number: 351611  
Longitude Number: 773544  
Latitude Decimal: 35.269722222222  
Longitude Decimal: 77.595555555555  
GPS: 6  
Agency: DWM  
Facility ID: 22640  
Last Modified: 12/20/2000  
Incident Phase: RE  
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

23  
NNW  
1/4-1/2  
0.346 mi.  
1825 ft.

**MASON PROPERTY (SLOAN SPENCE)**  
**900 WEST ROAD**  
**KINSTON, NC 28501**

**LUST** **S108852058**  
**LUST TRUST** **N/A**

**Relative:**  
**Higher**

**Actual:**  
**45 ft.**

LUST:  
Facility ID: Not reported  
UST Number: WA-26587  
Incident Number: 31785  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 08/31/2007  
Date Occur: 03/13/2007  
Cleanup: 03/13/2007  
Closure Request: Not reported  
Close Out: 09/07/2007  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
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: Residential  
MTBE: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASON PROPERTY (SLOAN SPENCE) (Continued)**

**S108852058**

MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to 2L.0202 standards  
PETOPT: 4  
RPL: True  
CD Num: 402  
Reel Num: 4315  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: Y  
Valid: False  
Lat/Long Decimal: 35.2714 -77.5936  
Testlat: Not reported  
Regional Officer Project Mgr: CCS  
Region: WAS  
Company: Not reported  
Contact Person: SLOAN SPENCE MASON  
Telephone: 6468619208  
RP Address: 125 DURHAM DRIVE  
RP City,St,Zip: FAYETTEVILLE, NC 30214  
RP County: Not reported  
Comments: 700 GALLON HOME HEATING OIL UST REMOVED. AFTER IAA ACTIVITIES, SOIL  
BELOW DETECTION LIMITS, GROUNDWATER BELOW 2L, NFA. SENT FOR ARCHIVING  
FEBRUARY 2011; CD 525 ERRATA HAS ADDITIONAL INFORMATION  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31785  
Date Occurred: 2007-03-13 00:00:00  
Date Reported: 2007-08-31 00:00:00  
Description Of Incident: 750 GALLON HEATING OIL UST REMOVAL  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: Not reported  
Ust Number: P  
  
Last Modified: 2007-09-07 00:00:00  
**Incident Phase: Closed Out**  
NOV Issued: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASON PROPERTY (SLOAN SPENCE) (Continued)**

**S108852058**

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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31785  
Site Note: Noncommercial; 100% eligible; \$0 deductible.[CGS 12/10/08]  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access  
additional NC LUST TRUST: detail in the EDR Site Report.

**G24**  
**ENE**  
**1/4-1/2**  
**0.358 mi.**  
**1889 ft.**

**CAROLINA TELEPHONE**  
**600 HERITAGE ST.**  
**KINSTON, NC 28501**  
  
**Site 1 of 4 in cluster G**

**LUST**  
**LUST TRUST**  
**IMD**  
  
**S101523849**  
**N/A**

**Relative:**  
**Lower**

**Actual:**  
**42 ft.**

**LUST:**  
Facility ID: 00-0-000  
UST Number: WA-651  
Incident Number: 9443  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 11/19/1992  
Date Occur: 09/24/1992  
Cleanup: 09/24/1992  
Closure Request: Not reported  
Close Out: 04/28/1993  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: 30E  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA TELEPHONE (Continued)**

**S101523849**

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: 181  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2666 -77.5833  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: CAROLINA TELEPHONE  
Contact Person: TOM WALL  
Telephone: Not reported  
RP Address: 112 E.ST.JAMES ST.  
RP City,St,Zip: TARBORO, NC 27886  
RP County: PITT  
Comments: DURING TANK PULL CONTAMINATED SOIL DISCOVERED.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 9443  
Date Occurred: 1992-09-24 00:00:00  
Date Reported: 1992-11-19 00:00:00  
Description Of Incident: DURING TANK PULL CONTAMINATED SOIL DISCOVERED.  
Owner/Operator: TOM WALL  
Ownership: 4  
Operation Type: 1  
Type: 5  
Location: 1  
Site Priority: 30E  
Priority Update: Not reported  
Wells Affected Y/N: N  
Samples Include: 0  
7#5 Minute Quad: 3  
5 Minute Quad: 2  
Pirf/Min Soil: Not reported  
Release Code: Q27T  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 1993-04-28 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA TELEPHONE (Continued)**

**S101523849**

|                            |                     |
|----------------------------|---------------------|
| 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:          | 1992-11-17 00:00:00 |

**LUST TRUST:**

|                            |              |
|----------------------------|--------------|
| Facility ID:               | 0-002489     |
| Site ID:                   | 9443         |
| Site Note:                 | Not reported |
| Site Eligible?:            | True         |
| Commercial Find:           | 0.5          |
| Priority Rank:             | Low          |
| Deductable Amount:         | 20000        |
| 3rd Party Deductable Amt:  | 0            |
| Sum 3rd Party Amt Applied: | 0            |

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**IMD:**

|                   |  |
|-------------------|--|
| Region:           | WAS  |
| Facility ID:      | 9443   |
| Date Occurred:    | 9/24/1992  |
| Submit Date:      | 11/19/1992                                       |
| GW Contam:        | Yes, Groundwater Contamination has been detected |
| Soil Contam:      | No   |
| Incident Desc:    | DURING TANK PULL CONTAMINATED SOIL DISCOVERED.   |
| Operator:         | TOM WALL   |
| Contact Phone:    | Not reported                                     |
| Owner Company:    | CAROLINA TELEPHONE                               |
| Operator Address: | 112 E.ST.JAMES ST.                               |
| Operator City:    | TARBORO  |
| Oper City,St,Zip: | TARBORO, NC 27886-                               |
| Ownership:        | Private  |
| Operation:        | Public Service                                   |
| Material:         | FUEL OIL   |
| Qty Lost 1:       | Not reported                                     |
| Qty Recovered 1:  | Not reported                                     |
| Source:           | Leak-underground                                 |
| Type:             | Gasoline/diesel                                  |
| Location:         | Facility   |
| Setting:          | Residential                                      |
| Risk Site:        | Not reported                                     |
| Site Priority:    | 30E  |
| Priority Code:    | E  |
| Priority Update:  | Not reported                                     |
| Dem Contact:      | SNH  |
| Wells Affected:   | No   |
| Num Affected:     | 0  |
| Wells Contam:     | Not reported                                     |
| Sampled By:       | Responsible Parties                              |
| Samples Include:  | Soil Samples                                     |
| 7.5 Min Quad:     | Not reported                                     |
| 5 Min Quad:       | Q27T   |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA TELEPHONE (Continued)**

**S101523849**

Latitude: 35.26638888  
Longitude: -77.58305555  
Latitude Number: 351559  
Longitude Number: 773459  
Latitude Decimal: 35.266388888889  
Longitude Decimal: 77.583055555556  
GPS: 7  
Agency: DWM  
Facility ID: 9443  
Last Modified: 2/15/1999  
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: 11/17/1992

**G25**  
**ENE**  
**1/4-1/2**  
**0.358 mi.**  
**1889 ft.**  
**FORMER THOMPSON DODGE DEAL/LESTER'S HARDWARE**  
**602 NORTH HERITAGE STREET**  
**KINSTON, NC 28504**  
**Site 2 of 4 in cluster G**

**LUST** **S104483006**  
**IMD** **N/A**

**Relative:** LUST:  
**Lower** Facility ID: Not reported  
UST Number: WA-1811  
**Actual:** Incident Number: 20892  
**42 ft.** Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 09/13/1999  
Date Occur: 04/13/1999  
Cleanup: 04/13/1999  
Closure Request: Not reported  
Close Out: 05/22/2000  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# 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: Not reported  
Phase Of LSA Req: 1  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER THOMPSON DODGE DEAL/LESTER'S HARDWARE (Continued)**

**S104483006**

LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: True  
CD Num: 181  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: True  
Lat/Long Decimal: 35.2672 -77.5833  
Testlat: Not reported  
Regional Officer Project Mgr: FTF  
Region: WAS  
Company: THOMPSON DODGE DEALERSHIP  
Contact Person: MR. JAMES MIDGETTE  
Telephone: 9197331332  
RP Address: P.O. BOX 1070  
RP City,St,Zip: BEAUFORT, NC 28516  
RP County: WAKE  
Comments: Owner Dead \*SL\*; 5/10/00 REVIEWED ANALYTICAL RESULTS - WAITING FOR  
MEMO FROM DAVE SCOTT  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 20892  
Date Occurred: 1999-04-13 00:00:00  
Date Reported: 1999-11-17 00:00:00  
Description Of Incident: ONE ORPHANED 1000 GASOLINE DIESEL UST CLOSED IN PLACE OWNER IS  
DECEASED AND LAST KNOWN USE WAS 20 YEARS AGO. INFORMATION SUPPLIED  
BY CLEAN-EAST ASSOCIATES  
Owner/Operator: FORMER THOMPSON DODGE DEALERSHIP  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: Not reported  
Priority Update: 1999-11-17 00:00:00  
Wells Affected Y/N: Not reported  
Samples Include: Not reported  
7#5 Minute Quad: Not reported  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: MIN\_SOIL  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 2000-06-12 00:00:00  
**Incident Phase: Closed Out**  
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

**FORMER THOMPSON DODGE DEAL/LESTER'S HARDWARE (Continued)**

**S104483006**

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: 2000-05-22 00:00:00

**IMD:**

Region: WAS  
Facility ID: 20892  
Date Occurred: 4/13/1999  
Submit Date: 11/17/1999  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: ONE ORPHANED 1000 GASOLINE DIESEL UST CLOSED IN PLACE OWNER IS  
DECEASED AND LAST KNOWN USE WAS 20 YEARS AGO. INFORMATION SUPPLIED  
BY CLEAN-EAST ASSOCIATES  
Operator: MR. JAMES MIDGETTE  
Contact Phone: 9197331332  
Owner Company: THOMPSON DODGE DEALERSHIP  
Operator Address: P.O. BOX 1070  
Operator City: BEAUFORT  
Oper City, St, Zip: BEAUFORT, NC 28516-  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE/DIESEL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: L  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: 11/17/1999  
Dem Contact: FTF  
Wells Affected: Not reported  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26694444  
Longitude: -77.58305555  
Latitude Number: 351601  
Longitude Number: 773459  
Latitude Decimal: 35.2669444444444  
Longitude Decimal: 77.5830555555556  
GPS: 7  
Agency: DWM  
Facility ID: 20892  
Last Modified: 6/12/2000  
Incident Phase: Closed Out  
NOV Issued: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER THOMPSON DODGE DEAL/LESTER'S HARDWARE (Continued)**

**S104483006**

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: 5/22/2000

**G26 KINSTON CENTRAL OFFICE**  
**ENE 600 N HERITAGE ST**  
**1/4-1/2 KINSTON, NC 28501**

**0.358 mi.**  
**1889 ft.**

**Site 3 of 4 in cluster G**

**LUST U003160861**  
**UST N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**42 ft.**

Facility ID: 0-024893  
UST Number: WA-27202  
Incident Number: 38368  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 01/30/2013  
Date Occur: 12/04/2012  
Cleanup: 12/04/2012  
Closure Request: Not reported  
Close Out: 02/07/2013  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
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 House  
RBCA GW: Cleanups to 2L.0202 standards  
PETOPT: 4  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CENTRAL OFFICE (Continued)**

**U003160861**

Valid: False  
Lat/Long Decimal: 35.2625 -77.5726  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: CT&T dba Century Link  
Contact Person: Robert Harding  
Telephone: 9195622810  
RP Address: 1411 Capital Boulevard  
RP City,St,Zip: Wake Forest, NC 27587  
RP County: Not reported  
Comments: 4000 HEATING OIL UST REMOVED. CLOSURE SOIL SAMPLES ALL BELOW  
DETECTION LIMITS. NFA  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 38368  
Date Occurred: 2012-12-04 00:00:00  
Date Reported: 2013-01-30 00:00:00  
Description Of Incident: 4000 GALLON HEATING OIL UST  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 6  
Type: 4  
Location: 1  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 2  
Cause: 3  
Source: A  
Ust Number: P

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

**UST:**

Facility Id: 00-0-0000002489  
Contact: CAROLINA TELEPHONE & TELEGRAPH  
Contact Address1: 14111 CAPITAL BLVD/ATTN: G.BOND  
Contact Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CENTRAL OFFICE (Continued)**

**U003160861**

Contact City/State/Zip: WAKE FOREST, NC 27587-5900  
FIPS County Desc: Lenoir  
Latitude: 35.26659  
Longitude: -77.58337

Tank Id: 001  
Tank Status: Removed  
Installed Date: 05/09/1958  
Perm Close Date: 11/30/1987  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 4000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 003  
Tank Status: Removed  
Installed Date: 05/06/1968  
Perm Close Date: 11/30/1987  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 4000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CENTRAL OFFICE (Continued)**

**U003160861**

Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Tank Id: 1  
Tank Status: Removed  
Installed Date: 01/01/1964  
Perm Close Date: 09/24/1992  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 4000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: 01/01/1964  
Perm Close Date: 09/24/1992  
Product Key: 1  
Product Name: Diesel  
Tank Capacity: 6000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CENTRAL OFFICE (Continued)**

**U003160861**

Decode for PSYS\_KEY: Unknown

Tank Id: 3  
Tank Status: Removed  
Installed Date: 01/01/1964  
Perm Close Date: 10/08/1992  
Product Key: 6  
Product Name: Heating Oil/Fuel  
Tank Capacity: 1000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: No  
Regulated: No  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: Current  
Installed Date: 01/01/1964  
Perm Close Date: Not reported  
Product Key: 6  
Product Name: Heating Oil/Fuel  
Tank Capacity: 500  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: No  
Regulated: No  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CENTRAL OFFICE (Continued)**

**U003160861**

Tank Id: 5  
Tank Status: Removed  
Installed Date: 01/01/1964  
Perm Close Date: 09/24/1992  
Product Key: 6  
Product Name: Heating Oil/Fuel  
Tank Capacity: 1500  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: No  
Regulated: No  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
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: Current  
Installed Date: 09/24/1992  
Perm Close Date: Not reported  
Product Key: 2  
Product Name: Fuel Oil  
Tank Capacity: 6000  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: 0  
Commercial: Yes  
Regulated: Yes  
Tank Construction: Single Wall FRP  
Piping Construction: Single Wall FRP  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 3  
Overfill Protection Name: Auto Shutoff Device  
Spill Protection Key: 4  
Spill Protection Name: Catchment Basin  
Leak Detection Key: Not reported  
Leak Detection Name: Not reported  
Decode for TCONS\_KEY: Single Wall FRP  
Decode for PCONS\_KEY: Single Wall FRP  
Decode for PSYS\_KEY: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G27**  
**ENE**  
**1/4-1/2**  
**0.362 mi.**  
**1912 ft.**  
**ALBAIN SHIRT COMPANY #1**  
**619 HERITAGE STREET**  
**KINSTON, NC 28501**  
**Site 4 of 4 in cluster G**

**LUST**  
**LUST TRUST**  
**IMD**  
**S103130441**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**42 ft.**

Facility ID: Not reported  
UST Number: WA-1593  
Incident Number: 18570  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 03/27/1998  
Date Occur: 02/10/1998  
Cleanup: 02/10/1998  
Closure Request: Not reported  
Close Out: 11/17/2000  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# 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: 05/26/1998  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: 182  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2669 -77.5822  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: MICHAEL ALBAIN  
Contact Person: MICHAEL ALBAIN  
Telephone: Not reported  
RP Address: 1910 YORK STREET  
RP City,St,Zip: KINSTON, NC 28504  
RP County: Not reported  
Comments: NFA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBAIN SHIRT COMPANY #1 (Continued)**

**S103130441**

5 Min Quad: Not reported

**PIRF:**

Facility Id: 18570  
Date Occurred: 1998-02-10 00:00:00  
Date Reported: 1998-05-12 00:00:00  
Description Of Incident: 550 GAL HEATING OIL UST CLOSED BY REMOVAL; TPH-7603 PPM BY EPA 5030/3550, 8260 & 8270; NO GW SAMPLES; NO FREE PRODUCT  
Owner/Operator: MICHAEL ALBAIN  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: 50L  
Priority Update: 1999-05-13 00:00:00  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: 4  
5 Minute Quad: 2  
Pirf/Min Soil: Not reported  
Release Code: Q26P  
Source Code: Min\_Soil  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 2000-11-29 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: 2000-11-17 00:00:00

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 18570  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 100000  
Sum 3rd Party Amt Applied: 0

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**IMD:**

Region: WAS  
Facility ID: 18570

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBAIN SHIRT COMPANY #1 (Continued)**

**S103130441**

Date Occurred: 2/10/1998  
Submit Date: 5/12/1998  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: 550 GAL HEATING OIL UST CLOSED BY REMOVAL; TPH-7603 PPM BY EPA  
5030/3550, 8260 & 8270; NO GW SAMPLES; NO FREE PRODUCT  
Operator: MICHAEL ALBAIN  
Contact Phone: Not reported  
Owner Company: MICHAEL ALBAIN  
Operator Address: 1910 YORK STREET  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28504-  
Ownership: Private  
Operation: Residential  
Material: HEATING OIL  
Qty Lost 1: Not reported  
Qty Recovered 1: NONE  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Residence  
Setting: Urban  
Risk Site: L  
Site Priority: 50L  
Priority Code: L  
Priority Update: 5/13/1999  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Other  
Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Q26P  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: 6  
Agency: DWM  
Facility ID: 18570  
Last Modified: 11/29/2000  
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: 11/17/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

28  
NW  
1/4-1/2  
0.388 mi.  
2049 ft.

HOOD RESIDENCE (JOHN)  
809 LAROQUE AVENUE  
KINSTON, NC 28501

LUST  
LUST TRUST  
IMD

S105516842  
N/A

Relative:  
Higher

LUST:

Actual:  
44 ft.

Facility ID: Not reported  
UST Number: WA-2219  
Incident Number: 24409  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/19/2002  
Date Occur: 04/25/2002  
Cleanup: 04/25/2002  
Closure Request: Not reported  
Close Out: 06/27/2005  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: I  
Risk Class Based On Review: L  
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: CF  
Land Use: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: 06/06/2005  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: True  
CD Num: 267  
Reel Num: 4062  
RPOW: True  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.1616 -77.3546  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: Not reported  
Contact Person: JOHN HOOD  
Telephone: 2525232078  
RP Address: 809 LAROQUE AVENUE  
RP City,St,Zip: KINSTON, NC 28501  
RP County: LENOIR  
Comments: MADEP CONCENTRATIONS VERY HIGH (FP) - MAY BE DUE TO ELEVATED WATER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOOD RESIDENCE (JOHN) (Continued)**

**S105516842**

|                            | TABLE   |
|----------------------------|---|
| 5 Min Quad:                | Not reported  |
| PIRF:                      |   |
| Facility Id:               | 24409   |
| Date Occurred:             | 2002-04-25 00:00:00                                 |
| Date Reported:             | 2002-07-18 00:00:00                                 |
| Description Of Incident:   | ONE 280 GALLON UST REMOVED. AMT OF RELEASE UNKNOWN. |
| Owner/Operator:            | JOHN HOOD   |
| Ownership:                 | 4   |
| Operation Type:            | 3   |
| Type:                      | 4   |
| Location:                  | 7   |
| Site Priority:             | U   |
| Priority Update:           | 2002-07-18 00:00:00                                 |
| Wells Affected Y/N:        | Not reported  |
| Samples Include:           | Not reported  |
| 7#5 Minute Quad:           | Not reported  |
| 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:                    | E   |
| Ust Number:                | E   |
| Last Modified:             | 2005-06-27 00:00:00                                 |
| <b>Incident Phase:</b>     | <b>Closed Out</b>                                   |
| 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  |

**LUST TRUST:**

|                            |                     |
|----------------------------|---------------------|
| Facility ID:               | Not reported        |
| Site ID:                   | 24409               |
| Site Note:                 | Not reported        |
| Site Eligible?:            | True                |
| Commercial Find:           | 100% Non-Commercial |
| Priority Rank:             | Not reported        |
| Deductable Amount:         | 0                   |
| 3rd Party Deductable Amt:  | 0                   |
| Sum 3rd Party Amt Applied: | 0                   |

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**IMD:**

|              |       |
|--------------|-------|
| Region:      | WAS   |
| Facility ID: | 24409 |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOOD RESIDENCE (JOHN) (Continued)**

**S105516842**

Date Occurred: 4/25/2002  
Submit Date: 7/18/2002  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: ONE 280 GALLON UST REMOVED. AMT OF RELEASE UNKNOWN.  
Operator: JOHN HOOD  
Contact Phone: 2525232078  
Owner Company: Not reported  
Operator Address: 809 LAROQUE AVENUE  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Residential  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Residence  
Setting: Residential  
Risk Site: I  
Site Priority: U  
Priority Code: Not reported  
Priority Update: 7/18/2002  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.16138888  
Longitude: -77.35444444  
Latitude Number: 350941  
Longitude Number: 772116  
Latitude Decimal: 35.1613888888889  
Longitude Decimal: 77.3544444444444  
GPS: 7  
Agency: DWM  
Facility ID: 24409  
Last Modified: 7/18/2002  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

29  
NNW  
1/4-1/2  
0.391 mi.  
2065 ft.

**TAYLOR RESIDENCE (ELIZABETH)**  
**904 CAREY ROAD**  
**KINSTON, NC 28504**

**LUST** **S108074380**  
**LUST TRUST** **N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**47 ft.**

Facility ID: Not reported  
UST Number: WA-26445  
Incident Number: 31641  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 07/25/2006  
Date Occur: 03/08/2006  
Cleanup: 03/08/2006  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 4  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2710 -77.5952  
Testlat: Not reported  
Regional Officer Project Mgr: CCS  
Region: WAS  
Company: Not reported  
Contact Person: ANNA HARPER POA  
Telephone: 2525234579  
RP Address: 904 CAREY ROAD  
RP City,St,Zip: KINSTON, NC 28504  
RP County: Not reported  
Comments: HOME HEATING OIL TANK CLOSURE/REMOVAL. SS RESULTS SHOW CONTAMINATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAYLOR RESIDENCE (ELIZABETH) (Continued)**

**S108074380**

ABOVE S-GW AND RESIDENTIAL MSCC. REQUEST LSA. (CCS, 8/3/06) NOV SENT  
2/1/2007. LSA REC'D 2/26/2007. SOIL EXCEEDS RES. MSCC. GW LESS THAN  
2L. LOW RANK. STOP FUND SAR LETTER SENT 3/  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31641  
Date Occurred: 2006-03-08 00:00:00  
Date Reported: 2006-07-25 00:00:00  
Description Of Incident: 550-Gallon Home Heating Oil Tank Closure/Removal  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: Not reported  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: Not reported  
Ust Number: P

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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31641  
Site Note: Noncommercial; 100% eligible; \$0 deductible.[CGS 04/09/07]  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access  
additional NC LUST TRUST: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

30  
North  
1/4-1/2  
0.403 mi.  
2129 ft.

**CHERRY RESIDENCE (GLENN)**  
**900 PERRY PARK DRIVE**  
**KINSTON, NC 28501**

**LUST** **S106799754**  
**LUST TRUST** **N/A**  
**IMD**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**56 ft.**

Facility ID: Not reported  
UST Number: WA-26138  
Incident Number: 31400  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 12/29/2004  
Date Occur: 10/12/2004  
Cleanup: 10/12/2004  
Closure Request: Not reported  
Close Out: 09/23/2005  
Level Of Soil Cleanup Achieved: Industrial/Commercial  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: U  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: 08/24/2005  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to 2L.0202 standards  
PETOPT: 4  
RPL: True  
CD Num: 267  
Reel Num: 4062  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2719 -77.5919  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: Not reported  
Contact Person: MR. AND MRS. GLENN CHERRY  
Telephone: 2525275688  
RP Address: 900 PERRY PARK DRIVE  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: TANK CLOSED IN PLACE-FILLED WITH CONCRETE--

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHERRY RESIDENCE (GLENN) (Continued)**

**S106799754**

5 Min Quad: Not reported

**PIRF:**

Facility Id: 31400  
Date Occurred: 2004-10-12 00:00:00  
Date Reported: 2004-12-29 00:00:00  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: Not reported  
Ust Number: 1

Last Modified: 2005-09-23 00:00:00  
**Incident Phase: Closed Out**  
NOV Issued: Not reported  
NORR Issued: 2005-01-07 00:00:00  
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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31400  
Site Note: Noncommercial.100% eligible. 0 deductible.  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**IMD:**

Region: Not reported  
Facility ID: 31400  
Date Occurred: 10/12/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHERRY RESIDENCE (GLENN) (Continued)**

**S106799754**

Submit Date: 12/29/2004  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: Not reported  
Operator: MR. AND MRS. GLENN CHERRY  
Contact Phone: 2525275688  
Owner Company: Not reported  
Operator Address: 900 PERRY PARK DRIVE  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Residential  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Residence  
Setting: Not reported  
Risk Site: Unknown  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: SNH  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.27166666  
Longitude: -77.59166666  
Latitude Number: 351618  
Longitude Number: 773530  
Latitude Decimal: 35.2716666666667  
Longitude Decimal: 77.5916666666667  
GPS: 7  
Agency: DWM  
Facility ID: 31400  
Last Modified: 9/23/2005  
Incident Phase: Closed Out  
NOV Issued: Not reported  
NORR Issued: 1/7/2005  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**H31**  
**ENE**  
**1/4-1/2**  
**0.423 mi.**  
**2233 ft.**

**HARDEE'S PROPERTY**  
**200 WEST VERNON AVENUE**  
**KINSTON, NC 28501**

**Site 1 of 3 in cluster H**

**LUST**  
**LUST TRUST**

**S110493004**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**42 ft.**

Facility ID: Not reported  
UST Number: WA-26920  
Incident Number: 38094  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/30/2010  
Date Occur: 06/10/2010  
Cleanup: 06/10/2010  
Closure Request: Not reported  
Close Out: 07/12/2011  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: B  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: BOTH  
Risk Classification: Not reported  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: 09/10/2010  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to 2L.0202 standards  
PETOPT: 3  
RPL: True  
CD Num: 512  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2684 -77.5828  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: VAN BUREN LAW, PLLC  
Contact Person: CAROL JONES VAN BUREN  
Telephone: 7043664608  
RP Address: 6525 MORRISON BLVD. STE 402  
RP City,St,Zip: CHARLOTTE, NC 28211  
RP County: Not reported  
Comments: additional soil excavation approved 5/3/11. JSB///2 RELEASE AREAS. 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARDEE'S PROPERTY (Continued)**

**S110493004**

INVOLVING A RESIDENTIAL HEATING OIL UST USED PRE 1960s AND 1  
INVOLVING A FORMER GAS STATION WHICH OPERATED IN THE 1920s THROUGH  
THE 1960s. SOIL EXCEEDING RES. MSCCS REMAINS ALONG N. HERITAGE ST. IN  
THE AREA OF THE FORMER GAS STATION. GW EXCEEDS 2L IN BOTH AREAS. NRP,  
NFA ISSUED 7/12/2011.; SENT FOR ARCHIVING AUGUST 2013;

5 Min Quad: Not reported

**PIRF:**

Facility Id: 38094  
Date Occurred: 2010-06-14 00:00:00  
Date Reported: 2010-06-30 00:00:00  
Description Of Incident: PURE OIL FACILITY  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 8  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 3  
Cause: 7  
Source: A  
Ust Number: P

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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 38094  
Site Note: 20% of approved costs are Noncommercial Fund (100% eligible; \$0  
deductible). The remaining 80% of approved costs are Commercial Fund  
(\$20,000 deductible; 100% eligible for costs that exceed the \$20,000  
deductible). [CGS 2/6/12]  
Site Eligible?: True  
Commercial Find: 0.80000000000000004  
Priority Rank: Not reported  
Deductable Amount: 20000  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARDEE'S PROPERTY (Continued)**

**S110493004**

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**I32**  
**East**  
**1/4-1/2**  
**0.437 mi.**  
**2308 ft.**

**LENOIR COUNTY LIBRARY ADDITION (KINSTON)**  
**510 NORTH QUEEN STREET**  
**KINSTON, NC 27401**

**LUST S108231304**  
**N/A**

**Site 1 of 2 in cluster I**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**42 ft.**

Facility ID: Not reported  
UST Number: WA-26475  
Incident Number: 31673  
Contamination Type: GW  
Source Type: Unknown  
Product Type: P  
Date Reported: 09/15/2006  
Date Occur: 01/26/2006  
Cleanup: 01/26/2006  
Closure Request: Not reported  
Close Out: 12/13/2011  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 12/16/2011  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: True  
CD Num: 554  
Reel Num: 0  
RPOW: False  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2661 -77.5820  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: NEUSE REGIONAL LIBRARY  
Contact Person: MR. JUSTIN STOUT  
Telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LENOIR COUNTY LIBRARY ADDITION (KINSTON) (Continued)**

**S108231304**

RP Address: 510 N. QUEEN ST.  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: NEED SOIL MANIFEST BEFORE GRANTING NFA. SPOKE WITH CONSULTANT  
3/12/2007. CCS; SENT FOR ARCHIVING DECEMBER 2014;  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31673  
Date Occurred: 2006-01-26 00:00:00  
Date Reported: 2006-09-15 00:00:00  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 6  
Operation Type: 1  
Type: 4  
Location: 8  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 4  
Cause: Not reported  
Source: Not reported  
Ust Number: P

Last Modified: 2011-12-13 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

J33  
East  
1/4-1/2  
0.438 mi.  
2315 ft.

**FIRST AMER. FED. SAVINGS-QUEEN**  
**604 N. QUEEN ST.**  
**KINSTON, NC 28501**

**Site 1 of 3 in cluster J**

**LUST S101573394**  
**IMD N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**43 ft.**

Facility ID: Not reported  
UST Number: WA-872  
Incident Number: 11564  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 01/26/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST AMER. FED. SAVINGS-QUEEN (Continued)**

**S101573394**

Date Occur: 01/19/1994  
Cleanup: 01/19/1994  
Closure Request: Not reported  
Close Out: 03/28/1996  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: 5/E  
Phase Of LSA Req: Not reported  
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: 4  
RPL: False  
CD Num: 181  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.6599 -77.0247  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: 1'ST AMERICAN FED SAVINGS BANK  
Contact Person: SUSIE BROWN  
Telephone: Not reported  
RP Address: 4411 WEST MARKET STREET  
RP City,St,Zip: GREENSBORO, NC 27407  
RP County: LENOI  
Comments: UPON REMOVAL OF UST, SOIL ANALYSES CONTAINED TPH ABOVE STANDARDS.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 11564  
Date Occurred: 1994-01-19 00:00:00  
Date Reported: 1994-01-26 00:00:00  
Description Of Incident: UPON REMOVAL OF UST, SOIL ANALYSES CONTAINED TPH ABOVE STANDARDS.  
Owner/Operator: SUSIE BROWN  
Ownership: 4  
Operation Type: 6  
Type: 4  
Location: 1  
Site Priority: 5/E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST AMER. FED. SAVINGS-QUEEN (Continued)**

**S101573394**

Priority Update: Not reported  
Wells Affected Y/N: Not reported  
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: Min\_Soil  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Last Modified: 1996-04-11 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: 1996-03-28 00:00:00

**IMD:**

Region: WAS  
Facility ID: 11564  
Date Occurred: 1/19/1994  
Submit Date: 1/26/1994  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: UPON REMOVAL OF UST, SOIL ANALYSES CONTAINED TPH ABOVE STANDARDS.  
Operator: SUSIE BROWN  
Contact Phone: Not reported  
Owner Company: 1'ST AMERICAN FED SAVINGS BANK  
Operator Address: 4411 WEST MARKET STREET  
Operator City: GREENSBORO  
Oper City,St,Zip: GREENSBORO, NC 27407-  
Ownership: Private  
Operation: Commercial  
Material: HEATING OIL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Not reported  
Site Priority: 5/E  
Priority Code: E  
Priority Update: Not reported  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST AMER. FED. SAVINGS-QUEEN (Continued)**

**S101573394**

Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.66  
Longitude: -77.02444444  
Latitude Number: 353936  
Longitude Number: 770128  
Latitude Decimal: 35.66  
Longitude Decimal: 77.024444444444  
GPS: 7  
Agency: DWM  
Facility ID: 11564  
Last Modified: 4/11/1996  
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: 3/28/1996

I34  
East  
1/4-1/2  
0.445 mi.  
2349 ft.

**KINSTON TOWERS**  
**511 N. QUEEN STREET**  
**KINSTON, NC 28501**

**Site 2 of 2 in cluster I**

**LUST S117411710**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**42 ft.**

Facility ID: 00-0-000  
UST Number: WA-27361  
Incident Number: 38537  
Contamination Type: SL  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 12/09/2014  
Date Occur: 12/05/2014  
Cleanup: 12/05/2014  
Closure Request: Not reported  
Close Out: 03/11/2015  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: U  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON TOWERS (Continued)**

**S117411710**

MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Cleanups to 2L.0202 standards  
PETOPT: 3  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2654 -77.5804  
Testlat: Not reported  
Regional Officer Project Mgr: CCS  
Region: WAS  
Company: KINSTON HOUSING AUTHORITY  
Contact Person: RHONDA ABBOTT, EX. DIR.  
Telephone: 2525231195  
RP Address: P.O. BOX 697  
RP City,St,Zip: KINSTON, NC 28502  
RP County: Not reported  
Comments: OVEREXCAVATION APPROVAL  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 38537  
Date Occurred: 2014-12-05 00:00:00  
Date Reported: 2014-12-09 00:00:00  
Description Of Incident: 550 GALLON DIESEL UST  
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: Y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 2  
Cause: 3  
Source: A  
Ust Number: P

Last Modified: 2015-03-11 00:00:00  
**Incident Phase: Closed Out**  
NOV Issued: Not reported  
NORR Issued: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON TOWERS (Continued)**

**S117411710**

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

**35**  
**NNE**  
**1/4-1/2**  
**0.445 mi.**  
**2349 ft.**

**BRADSHAW PROPERTY**  
**1007/1009 COLLEGE STREET**  
**KINSTON, NC 28504**

**LUST**  
**LUST TRUST**  
**IMD**

**S104483330**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**55 ft.**

Facility ID: Not reported  
UST Number: WA-1855  
Incident Number: 21500  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 03/02/2000  
Date Occur: 12/01/1999  
Cleanup: 11/15/2001  
Closure Request: 2001-12-27 00:00:00  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: U  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: No  
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: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2727 -77.5855

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRADSHAW PROPERTY (Continued)**

**S104483330**

Testlat: Not reported  
Regional Officer Project Mgr: BDS  
Region: WAS  
Company: NONE  
Contact Person: E.L. BRADSHAW, JR.  
Telephone: 2525220405  
RP Address: 2210 STALLINGS DRIVE  
RP City,St,Zip: KINSTON, NC 28504  
RP County: LENOIR  
Comments: SAR DUE 1/15/01.SAR soil removal for public notice 5/29/2001. SAR APPROVED 9/28/2001 B/C RESIEVED COPIESOF PUBLIC NOTICE WITH NO COMMENTS. NRP ISSUED 1/2/2002 FOR GW ONLY. SOIL WAS CLEAN AFTER SOIL CLEANUP REPORT.

5 Min Quad: Not reported

**PIRF:**

Facility Id: 21500  
Date Occurred: 1999-12-01 00:00:00  
Date Reported: 2000-03-29 00:00:00  
Description Of Incident: TWO 550 GALLON HEATING OIL TANKS REMOVED FROM PROPERTIES ANALYSIS OF SOIL SAMPLES INDICATE RELEASE HAS OCCURRED  
Owner/Operator: E L BRADSHAW  
Ownership: 4  
Operation Type: 6  
Type: 4  
Location: 8  
Site Priority: Not reported  
Priority Update: 2000-03-29 00:00:00  
Wells Affected Y/N: Not reported  
Samples Include: Not reported  
7#5 Minute Quad: Not reported  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: MIN\_SOIL  
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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 21500  
Site Note: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRADSHAW PROPERTY (Continued)**

**S104483330**

Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**IMD:**

Region: WAS  
Facility ID: 21500  
Date Occurred: 12/1/1999  
Submit Date: 3/29/2000  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: TWO 550 GALLON HEATING OIL TANKS REMOVED FROM PROPERTIES ANALYSIS OF SOIL SAMPLES INDICATE RELEASE HAS OCCURRED  
Operator: E.L. BRADSHAW, JR.  
Contact Phone: 2525220405  
Owner Company: NONE  
Operator Address: 2210 STALLINGS DRIVE  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28504-  
Ownership: Private  
Operation: Commercial  
Material: HEATING OIL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: 8  
Setting: Residential  
Risk Site: Unknown  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: 3/29/2000  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.27277777  
Longitude: -77.58555555  
Latitude Number: 351622  
Longitude Number: 773508  
Latitude Decimal: 35.2727777777778  
Longitude Decimal: 77.5855555555556  
GPS: NOD  
Agency: DWM  
Facility ID: 21500  
Last Modified: Not reported  
Incident Phase: RE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRADSHAW PROPERTY (Continued)**

**S104483330**

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

**H36  
ENE  
1/4-1/2  
0.445 mi.  
2352 ft.**

**WEST CORPORATION  
AIRPORT RD  
KINSTON, NC 28501**

**LUST S103131089  
IMD N/A**

**Site 2 of 3 in cluster H**

**Relative:  
Lower**

**LUST:**

**Actual:  
43 ft.**

Facility ID: Not reported  
UST Number: WA-637  
Incident Number: 9241  
Contamination Type: GW  
Source Type: Dredge Spoil  
Product Type: P  
Date Reported: 04/01/1992  
Date Occur: 04/01/1992  
Cleanup: 04/01/1992  
Closure Request: Not reported  
Close Out: 05/01/1992  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: True  
CD Num: 181  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEST CORPORATION (Continued)**

**S103131089**

Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2690 -77.5825  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: WEST CORP  
Contact Person: ROGER BROWN  
Telephone: Not reported  
RP Address: PO BOX 1480  
RP City,St,Zip: KINSTON, NC 28501  
RP County: LENOI  
Comments: FILE LOCATED IN CLOSED OUT FILES IN STORE ROOM  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 9241  
Date Occurred: 1992-04-01 00:00:00  
Date Reported: 1992-10-20 00:00:00  
Description Of Incident: UST OVERFLOW  
Owner/Operator: ROGER BROWN  
Ownership: 4  
Operation Type: 5  
Type: 5  
Location: 1  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: Not reported  
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: Min\_Soil  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Last Modified: 1992-05-01 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: 1992-10-15 00:00:00

**IMD:**

Region: WAS  
Facility ID: 9241  
Date Occurred: 4/1/1992  
Submit Date: 10/20/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEST CORPORATION (Continued)**

**S103131089**

GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: UST OVERFLOW  
Operator: ROGER BROWN  
Contact Phone: Not reported  
Owner Company: WEST CORP  
Operator Address: PO BOX 1480  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Industrial  
Material: HYDRAULIC FLUID  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Dredge Spoil  
Type: Gasoline/diesel  
Location: Facility  
Setting: Industrial  
Risk Site: Not reported  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Not reported  
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: 9241  
Last Modified: 2/3/1993  
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: 10/15/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

37  
SE  
1/4-1/2  
0.448 mi.  
2367 ft.

EMRO 218 / SPEEDWAY 218  
PINK HILL ROAD (HWY 11)  
KINSTON, NC 28501

LUST  
IMD S101523617  
N/A

Relative:  
Lower

LUST:

Actual:  
37 ft.

Facility ID: 00-0-000  
UST Number: WA-559  
Incident Number: 8341  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/03/1992  
Date Occur: 06/03/1992  
Cleanup: 06/03/1992  
Closure Request: Not reported  
Close Out: 12/15/2004  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: H  
Risk Class Based On Review: L  
Corrective Action Plan Type: biosparging  
NOV Issue Date: Not reported  
NORR Issue Date: 07/08/1992  
Site Priority: 180D  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: 05/05/2003  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 268  
Reel Num: 4062  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2583 -77.6111  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: EMRO MARKETING/SPEEDWAY SUPERA  
Contact Person: PHIL NEWTON  
Telephone: Not reported  
RP Address: 3200 POINTE PARKWAY, SUITE 150  
RP City,St,Zip: NORCROSS, GA 30092  
RP County: Not reported  
Comments: CAP ADDENDUM RECEIVED 6/22/2000 AND APPROVED 7/18/2000; NEW RELEASE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EMRO 218 / SPEEDWAY 218 (Continued)**

**S101523617**

DISCOVERED 08/03/00 - SAR DUE 12/31/00

5 Min Quad: Not reported

**PIRF:**

Facility Id: 8341  
Date Occurred: 1992-06-03 00:00:00  
Date Reported: 1992-07-05 00:00:00  
Description Of Incident: INVESTIGATION BY DEM FOUND RELEASES DUE TO OVERFILLS/SPILLS.  
Owner/Operator: CHRIS SCHIMMEL  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 210H  
Priority Update: 1999-08-19 00:00:00  
Wells Affected Y/N: Not reported  
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: 2004-12-15 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

**IMD:**

Region: WAS  
Facility ID: 8341  
Date Occurred: 6/3/1992  
Submit Date: 7/5/1992  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: INVESTIGATION BY DEM FOUND RELEASES DUE TO OVERFILLS/SPILLS.  
Operator: PHIL NEWTON  
Contact Phone: Not reported  
Owner Company: EMRO MARKETING/SPEEDWAY SUPERA  
Operator Address: 3200 POINTE PARKWAY, SUITE 150  
Operator City: NORCROSS  
Oper City, St, Zip: NORCROSS, GA 30092-  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EMRO 218 / SPEEDWAY 218 (Continued)**

**S101523617**

Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Not reported  
Risk Site: H  
Site Priority: 210H  
Priority Code: H  
Priority Update: 8/19/1999  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 36.275  
Longitude: -80.9  
Latitude Number: 361630  
Longitude Number: 805400  
Latitude Decimal: 36.275  
Longitude Decimal: 80.9  
GPS: 7  
Agency: DWM  
Facility ID: 8341  
Last Modified: Not reported  
Incident Phase: Closed Out  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

**K38  
NW  
1/4-1/2  
0.450 mi.  
2374 ft.**

**P & K AUTOMOTIVE  
1302 WEST VERNON AVENUE  
KINSTON, NC 28502**

**Site 1 of 2 in cluster K**

**LUST S101524560  
IMD N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
40 ft.**

Facility ID: Not reported  
UST Number: WA-904  
Incident Number: 11835  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 02/28/1994  
Date Occur: 01/21/1994  
Cleanup: 01/21/1994  
Closure Request: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & K AUTOMOTIVE (Continued)**

**S101524560**

Close Out: 08/13/1998  
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: 03/04/1994  
Site Priority: 110/E  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: 35.2695 -77.5991  
Testlat: Not reported  
Regional Officer Project Mgr: STF  
Region: WAS  
Company: Not reported  
Contact Person: Not reported  
Telephone: Not reported  
RP Address: Not reported  
RP City,St,Zip: NC  
RP County: Not reported  
Comments: SENT TO CO 3/22/06  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 11835  
Date Occurred: 1994-01-19 00:00:00  
Date Reported: 1994-03-08 00:00:00  
Description Of Incident: UPON REMOVAL OF 7 USTS, SOIL AND GW CONTAM. WAS CONFIRMED BY LAB ANALYSES.  
Owner/Operator: BILL REID  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: CO  
Priority Update: 1998-09-28 00:00:00  
Wells Affected Y/N: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & K AUTOMOTIVE (Continued)**

**S101524560**

Samples Include: 0  
7#5 Minute Quad: 3  
5 Minute Quad: 1  
Pirf/Min Soil: Not reported  
Release Code: Q27S  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported  
  
Last Modified: 1999-02-15 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: 1998-08-14 00:00:00

**IMD:**

Region: WAS  
Facility ID: 11835  
Date Occurred: 1/21/1994  
Submit Date: 3/8/1994  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: UPON REMOVAL OF 7 USTS, SOIL AND GW CONTAM. WAS CONFIRMED BY LAB ANALYSES.  
Operator: Not reported  
Contact Phone: Not reported  
Owner Company: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Oper City,St,Zip: NC  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Material: FUEL OIL  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Material: WASTE OIL  
Qty Lost: Not reported  
Qty Recovered 3: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: L  
Site Priority: CO  
Priority Code: C

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & K AUTOMOTIVE (Continued)**

**S101524560**

Priority Update: 9/28/1998  
Dem Contact: STF  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Q27S  
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: 11835  
Last Modified: 2/15/1999  
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: 8/14/1998

39  
WNW  
1/4-1/2  
0.451 mi.  
2381 ft.

**KINSTON CITY SCHOOL**  
**1407 W. WASHINGTON ST.**  
**KINSTON, NC 28501**

**LUST S101523575**  
**IMD N/A**

**Relative:**  
**Lower**

**LUST:**  
Facility ID: 00-0-000  
UST Number: WA-538  
Incident Number: 8160  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/08/1992  
Date Occur: 04/29/1992  
Cleanup: 04/29/1992  
Closure Request: Not reported  
Close Out: 11/02/1992  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported

**Actual:**  
**40 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CITY SCHOOL (Continued)**

**S101523575**

NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: True  
CD Num: 181  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.7141 -77.6083  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: KINSTON CITY SCHOOLS  
Contact Person: JIMMY WILLIAMS  
Telephone: Not reported  
RP Address: 1407 W. WASHINGTON ST.  
RP City,St,Zip: KINSTON, NC 28501  
RP County: LENOI  
Comments: CLOSURE REPORT CONFIRMED SOIL CONTAMINATION  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 8160  
Date Occurred: 1992-04-29 00:00:00  
Date Reported: 1992-06-08 00:00:00  
Description Of Incident: CLOSURE REPORT CONFIRMED SOIL CONTAMINATION  
Owner/Operator: JIMMY WILLIAMS  
Ownership: 1  
Operation Type: 4  
Type: 3  
Location: 1  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: Not reported  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CITY SCHOOL (Continued)**

**S101523575**

Last Modified: 1992-12-09 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: 1992-11-02 00:00:00

**IMD:**

Region: WAS  
Facility ID: 8160  
Date Occurred: 4/29/1992  
Submit Date: 6/8/1992  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: CLOSURE REPORT CONFIRMED SOIL CONTAMINATION  
Operator: JIMMY WILLIAMS  
Contact Phone: Not reported  
Owner Company: KINSTON CITY SCHOOLS  
Operator Address: 1407 W. WASHINGTON ST.  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Municipal  
Operation: Educational/Religious  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Not reported  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.71388888  
Longitude: -77.60805555  
Latitude Number: 354250  
Longitude Number: 773629  
Latitude Decimal: 35.7138888888889  
Longitude Decimal: 77.6080555555556  
GPS: 7  
Agency: DWM  
Facility ID: 8160

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINSTON CITY SCHOOL (Continued)**

**S101523575**

Last Modified: 12/9/1992  
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: 11/2/1992

**L40**  
**ESE**  
**1/4-1/2**  
**0.456 mi.**  
**2407 ft.**

**PRIDE OF KINSTON**  
**327 NORTH QUEEN STREET**  
**KINSTON, NC 28501**

**Site 1 of 2 in cluster L**

**LUST** **S105425573**  
**IMD** **N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**41 ft.**

Facility ID: 00-0-000  
UST Number: WA-26257  
Incident Number: 23931  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 02/05/2002  
Date Occur: 01/15/2002  
Cleanup: 01/15/2002  
Closure Request: Not reported  
Close Out: 11/21/2002  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: 11/12/2002  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: True  
CD Num: 182  
Reel Num: 0  
RPOW: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRIDE OF KINSTON (Continued)**

**S105425573**

RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2637 -77.5809  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: PRIDE OF KINSTON, INC.  
Contact Person: MS. TERAH ARCHIE  
Telephone: Not reported  
RP Address: 311 NORTH QUEEN ST.  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: Not reported  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 23931  
Date Occurred: 2002-01-15 00:00:00  
Date Reported: 2002-02-13 00:00:00  
Description Of Incident: SOIL SAMPLES FROM UST CLOSURE DETECTED DIESEL RANGE ORGANIC COMPOUNDS  
BELOW REGULATORY LEVEL. NO NO.2 FUEL OIL - NO GW WAS RESENT - NO FREE  
PRODUCT  
Owner/Operator: TERAH ARCHIE  
Ownership: 1  
Operation Type: 6  
Type: 4  
Location: 1  
Site Priority: U  
Priority Update: 2002-02-14 00:00:00  
Wells Affected Y/N: N  
Samples Include: Not reported  
7#5 Minute Quad: Y  
5 Minute Quad: S  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 2  
Cause: Not reported  
Source: D  
Ust Number: D

Last Modified: 2002-11-21 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

IMD:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRIDE OF KINSTON (Continued)**

**S105425573**

Region: WAS  
Facility ID: 23931  
Date Occurred: 1/15/2002  
Submit Date: 2/13/2002  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: SOIL SAMPLES FROM UST CLOSURE DETECTED DIESEL RANGE ORGANIC COMPOUNDS  
BELOW REGULATORY LEVEL. NO NO.2 FUEL OIL - NO GW WAS RESENT - NO FREE  
PRODUCT  
Operator: MS. TERAH ARCHIE  
Contact Phone: Not reported  
Owner Company: PRIDE OF KINSTON, INC.  
Operator Address: 311 NORTH QUEEN ST.  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Municipal  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Not reported  
Site Priority: U  
Priority Code: Not reported  
Priority Update: 2/14/2002  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: S  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26361111  
Longitude: -77.58083333  
Latitude Number: 351549  
Longitude Number: 773451  
Latitude Decimal: 35.26361111111111  
Longitude Decimal: 77.58083333333333  
GPS: 6  
Agency: DWM  
Facility ID: 23931  
Last Modified: 2/13/2002  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

41  
East  
1/4-1/2  
0.456 mi.  
2409 ft.

**CIC FINANCIAL**  
**605 NORTH QUEEN STREET**  
**KINSTON, NC 28503**

**LUST** **S105896040**  
**LUST TRUST** **N/A**  
**IMD**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**43 ft.**

Facility ID: Not reported  
UST Number: WA-24670  
Incident Number: 31135  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/26/2003  
Date Occur: 04/07/2003  
Cleanup: 04/07/2003  
Closure Request: Not reported  
Close Out: 10/27/2003  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON 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: 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: 01/25/2013  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: False  
CD Num: 554  
Reel Num: 0  
RPOW: True  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2668 -77.5806  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: CIC FINANCIAL  
Contact Person: THOMAS CLARK  
Telephone: 2525276100  
RP Address: PO BOX 1518  
RP City,St,Zip: KINSTON, NC 28503  
RP County: Not reported  
Comments: NFA issued 10/27/03 and a footnote was included regarding groundwater

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIC FINANCIAL (Continued)**

**S105896040**

contamination exceeding 2L standards by a factor of 1.29; book 576;  
pages 245-246; nrp gw; SENT FOR ARCHIVING DECEMBER 2014;  
Not reported

5 Min Quad:

**PIRF:**

Facility Id: 31135  
Date Occurred: 2003-04-07 00:00:00  
Date Reported: 2003-06-30 00:00:00  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 8  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: E  
Ust Number: E

Last Modified: 2003-10-27 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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31135  
Site Note: Not reported  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 100000  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access  
additional NC LUST TRUST: detail in the EDR Site Report.

**IMD:**

Region: WAS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CIC FINANCIAL (Continued)**

**S105896040**

Facility ID: 31135  
Date Occurred: 4/7/2003  
Submit Date: 6/30/2003  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: Not reported  
Operator: THOMAS CLARK  
Contact Phone: 2525276100  
Owner Company: CIC FINANCIAL  
Operator Address: PO BOX 1518  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28503-  
Ownership: Private  
Operation: Residential  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: 8  
Setting: Not reported  
Risk Site: L  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: MRN  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 34.69083333  
Longitude: -77.12611111  
Latitude Number: 344127  
Longitude Number: 770734  
Latitude Decimal: 34.69083333333333  
Longitude Decimal: 77.12611111111111  
GPS: 7  
Agency: DWM  
Facility ID: 31135  
Last Modified: 6/30/2003  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**H42** **FORMER JC PENNEY SER. CTR./FIRESTONE**  
**ENE** **W. VERNON AVE. & HARDEE RD**  
**1/4-1/2** **KINSTON, NC 28501**  
**0.458 mi.**  
**2420 ft.** **Site 3 of 3 in cluster H**

**LUST** **S101523290**  
**IMD** **N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**43 ft.**

Facility ID: 00-0-000  
UST Number: WA-331  
Incident Number: 7008  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 08/09/1991  
Date Occur: 08/09/1991  
Cleanup: 08/09/1991  
Closure Request: Not reported  
Close Out: 06/29/2000  
Level Of Soil Cleanup Achieved: Residential  
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: L  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: 65E  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 3  
RPL: False  
CD Num: 157  
Reel Num: 130  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2711 -77.6068  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: J.C. PENNEY COMPANY  
Contact Person: WALTER COWAN, JR.  
Telephone: Not reported  
RP Address: P.O. BOX 659000  
RP City,St,Zip: DALLAS, TX 752859000  
RP County: Not reported  
Comments: NFA PENDING PUBLIC NOTICE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER JC PENNEY SER. CTR./FIRESTONE (Continued)**

**S101523290**

5 Min Quad: Not reported

**PIRF:**

Facility Id: 7008  
Date Occurred: 1991-08-09 00:00:00  
Date Reported: 1991-10-21 00:00:00  
Description Of Incident: SOIL GAS SURVEY INDICATES A POTENTIAL RELEASE FROM GASOLINE USTS.  
Owner/Operator: PETER GIGLIO  
Ownership: 3  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 65/E  
Priority Update: 1998-05-30 00:00:00  
Wells Affected Y/N: N  
Samples Include: 0  
7#5 Minute Quad: 4  
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: 2000-07-06 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: 2000-06-29 00:00:00

**IMD:**

Region: WAS  
Facility ID: 7008  
Date Occurred: 8/9/1991  
Submit Date: 10/21/1991  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: SOIL GAS SURVEY INDICATES A POTENTIAL RELEASE FROM GASOLINE USTS.  
Operator: WALTER COWAN,. JR.  
Contact Phone: Not reported  
Owner Company: J.C. PENNEY COMPANY  
Operator Address:P.O. BOX 659000  
Operator City: DALLAS  
Oper City,St,Zip: DALLAS, TX 75285-9000  
Ownership: Unknown  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER JC PENNEY SER. CTR./FIRESTONE (Continued)**

**S101523290**

Qty Recovered 1: NONE  
Material: WASTE OIL  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: L  
Site Priority: 65/E  
Priority Code: L  
Priority Update: 5/30/1998  
Dem Contact: SNH  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Other  
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: NOD  
Agency: DWM  
Facility ID: 7008  
Last Modified: 7/6/2000  
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: 6/29/2000

**L43**  
**ESE**  
**1/4-1/2**  
**0.463 mi.**  
**2442 ft.**

**CITY OF KINSTON-SPRUCE ALLEY**  
**QUEEN & NORTH ST/E SPRUCE ALLE**  
**KINSTON, NC 28501**

**LUST** **S101574411**  
**IMD** **N/A**

**Site 2 of 2 in cluster L**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**41 ft.**

Facility ID: 00-0-000  
UST Number: WA-435  
Incident Number: 7647  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 04/27/1992  
Date Occur: 10/12/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON-SPRUCE ALLEY (Continued)**

**S101574411**

Cleanup: 10/12/1990  
Closure Request: Not reported  
Close Out: 04/27/1992  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: Not reported  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: 181  
Reel Num: 0  
RPOW: False  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2644 -77.5811  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: Not reported  
Contact Person: Not reported  
Telephone: Not reported  
RP Address: Not reported  
RP City,St,Zip: Not reported  
RP County: Not reported  
Comments: CONTAMINATION FOUND DURING UST REMOVAL  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 7647  
Date Occurred: 1990-10-12 00:00:00  
Date Reported: 1992-04-27 00:00:00  
Description Of Incident: CONTAMINATION FOUND DURING UST REMOVAL  
Owner/Operator: Not reported  
Ownership: Not reported  
Operation Type: Not reported  
Type: Not reported  
Location: Not reported  
Site Priority: Not reported  
Priority Update: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON-SPRUCE ALLEY (Continued)**

**S101574411**

|                            |                     |
|----------------------------|---------------------|
| Wells Affected Y/N:        | Not reported        |
| 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:               | Min_Soil            |
| Err Type:                  | Not reported        |
| Cause:                     | Not reported        |
| Source:                    | Not reported        |
| Ust Number:                | Not reported        |
| Last Modified:             | 1992-05-19 00:00:00 |
| <b>Incident Phase:</b>     | <b>Closed Out</b>   |
| 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:          | 1992-04-27 00:00:00 |

**IMD:**

|                   |  |
|-------------------|--|
| Region:           | WAS  |
| Facility ID:      | 7647   |
| Date Occurred:    | 10/12/1990                                       |
| Submit Date:      | 4/27/1992  |
| GW Contam:        | Yes, Groundwater Contamination has been detected |
| Soil Contam:      | No   |
| Incident Desc:    | CONTAMINATION FOUND DURING UST REMOVAL           |
| Operator:         | Not reported                                     |
| Contact Phone:    | Not reported                                     |
| Owner Company:    | Not reported                                     |
| Operator Address: | Not reported                                     |
| Operator City:    | Not reported                                     |
| Oper City,St,Zip: | Not reported                                     |
| Ownership:        | Not reported                                     |
| Operation:        | Not reported                                     |
| Material:         | Not reported                                     |
| Qty Lost 1:       | Not reported                                     |
| Qty Recovered 1:  | Not reported                                     |
| Source:           | Leak-underground                                 |
| Type:             | Gasoline/diesel                                  |
| Location:         | Not reported                                     |
| Setting:          | Not reported                                     |
| Risk Site:        | Not reported                                     |
| Site Priority:    | Not reported                                     |
| Priority Code:    | Not reported                                     |
| Priority Update:  | Not reported                                     |
| Dem Contact:      | SNH  |
| Wells Affected:   | Not reported                                     |
| Num Affected:     | 0  |
| Wells Contam:     | Not reported                                     |
| Sampled By:       | Not reported                                     |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF KINSTON-SPRUCE ALLEY (Continued)**

**S101574411**

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: 7647  
Last Modified: 5/19/1992  
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: 4/27/1992

44  
NNW  
1/4-1/2  
0.465 mi.  
2454 ft.

**ST. JOHN RESIDENCE (EDWARD)**  
**1104 PERRY PARK DRIVE**  
**KINSTON, NC 28501**

**LUST S108231301**  
**LUST TRUST N/A**

**Relative:**  
**Higher**

**Actual:**  
**53 ft.**

LUST:  
Facility ID: Not reported  
UST Number: WA-26472  
Incident Number: 31668  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 09/22/2006  
Date Occur: 12/20/2005  
Cleanup: 12/20/2006  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: H  
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: Well head protection  
Land Use: Residential  
MTBE: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. JOHN RESIDENCE (EDWARD) (Continued)**

**S108231301**

MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: File Located in House  
RBCA GW: Not reported  
PETOPT: 4  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2727 -77.5958  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: Not reported  
Contact Person: EDWARD ST. JOHN  
Telephone: 7045661097  
RP Address: P.O. BOX 30241  
RP City,St,Zip: CHARLOTTE, NC 28230  
RP County: Not reported  
Comments: 750 GALLON HOME HEATING OIL TANK REMOVAL. REQUEST LSA 9/28/2006. LSA REC'D 5/10/2007. HIGH RISK ONSITE IRRIGATION WELL AT 30', SOIL EXCEEDS RES. MSCC, GW EXCEEDS 2L BUT LESS THAN GROSS. STOP FUNDING LETTER SENT 5/17/2007.  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31668  
Date Occurred: 2005-12-20 00:00:00  
Date Reported: 2006-09-22 00:00:00  
Description Of Incident: 750 GALLON HOME HEATING OIL TANK REMOVAL  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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: Not reported  
Ust Number: P

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. JOHN RESIDENCE (EDWARD) (Continued)**

**S108231301**

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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31668  
Site Note: Noncommercial; 100% eligible; \$0 deductible.[CGS 11/19/07]  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**J45**  
**East**  
**1/4-1/2**  
**0.468 mi.**  
**2470 ft.**

**NOBLE SITE**  
**108 E BLOUNT STREET**  
**KINSTON, NC**

**LUST TRUST** **S106967302**  
**N/A**

**Site 2 of 3 in cluster J**

**Relative:**  
**Higher**

**LUST TRUST:**

**Actual:**  
**44 ft.**

Facility ID: Not reported  
Site ID: 31299  
Site Note: Noncommercial.100% eligible. 0 deductible.  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

**J46**  
**East**  
**1/4-1/2**  
**0.468 mi.**  
**2470 ft.**

**NOBLE SITE**  
**108 EAST BLOUNT STREET**  
**KINSTON, NC 28501**

**LUST** **S106520723**  
**IMD** **N/A**

**Site 3 of 3 in cluster J**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**44 ft.**

Facility ID: Not reported  
UST Number: WA-26015  
Incident Number: 31299  
Contamination Type: GW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOBLE SITE (Continued)**

**S106520723**

Source Type: Leak-underground  
Product Type: P  
Date Reported: 06/23/2004  
Date Occur: 05/05/2004  
Cleanup: 05/05/2004  
Closure Request: Not reported  
Close Out: 04/23/2012  
Level Of Soil Cleanup Achieved: Industrial/Commercial  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON COMMERCIAL  
Risk Classification: I  
Risk Class Based On Review: L  
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: Coastal Plain  
Land Use: Residential  
MTBE: No  
MTBE1: No  
Flag: No  
Flag1: No  
LUR Filed: 04/30/2012  
Release Detection: 0  
Current Status: File Located in Archives  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: True  
CD Num: 555  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2641 -77.5805  
Testlat: Not reported  
Regional Officer Project Mgr: SNH  
Region: WAS  
Company: DEMAIN ENTERPRISES  
Contact Person: MR. MARVIN NOBLE  
Telephone: 2525220147  
RP Address: 2805 CAREY ROAD  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: SENT FOR ARCHIVING DECEMBER 2014;  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31299  
Date Occurred: 2004-05-05 00:00:00  
Date Reported: 2004-06-23 00:00:00  
Description Of Incident: 550 GALLON HEATING OIL UST  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOBLE SITE (Continued)**

**S106520723**

|                            |                     |
|----------------------------|---------------------|
| Type:                      | 4                   |
| Location:                  | 8                   |
| Site Priority:             | Not reported        |
| Priority Update:           | Not reported        |
| Wells Affected Y/N:        | U                   |
| Samples Include:           | Not reported        |
| 7#5 Minute Quad:           | Y                   |
| 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:                    | Not reported        |
| Ust Number:                | 1                   |
| Last Modified:             | 2012-04-23 00:00:00 |
| <b>Incident Phase:</b>     | <b>Closed Out</b>   |
| NOV Issued:                | Not reported        |
| NORR Issued:               | 2004-07-09 00:00:00 |
| 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:           | Not reported                                     |
| Facility ID:      | 31299  |
| Date Occurred:    | 5/5/2004   |
| Submit Date:      | 6/23/2004  |
| GW Contam:        | Yes, Groundwater Contamination has been detected |
| Soil Contam:      | No   |
| Incident Desc:    | 550 GALLON HEATING OIL UST                       |
| Operator:         | MR. MARVIN NOBLE                                 |
| Contact Phone:    | 2525220147                                       |
| Owner Company:    | DEMAIN ENTERPRISES                               |
| Operator Address: | 2805 CAREY ROAD                                  |
| Operator City:    | KINSTON  |
| Oper City,St,Zip: | KINSTON, NC 28501-                               |
| Ownership:        | Private  |
| Operation:        | Residential                                      |
| Material:         | Not reported                                     |
| Qty Lost 1:       | Not reported                                     |
| Qty Recovered 1:  | Not reported                                     |
| Source:           | Leak-underground                                 |
| Type:             | Gasoline/diesel                                  |
| Location:         | 8  |
| Setting:          | Not reported                                     |
| Risk Site:        | I  |
| Site Priority:    | Not reported                                     |
| Priority Code:    | Not reported                                     |
| Priority Update:  | Not reported                                     |
| Dem Contact:      | SNH  |

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NOBLE SITE (Continued)**

**S106520723**

Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 35.26416666  
Longitude: -77.58055555  
Latitude Number: 351551  
Longitude Number: 773450  
Latitude Decimal: 35.2641666666667  
Longitude Decimal: 77.5805555555555  
GPS: 6  
Agency: DWM  
Facility ID: 31299  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: 7/9/2004  
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

**K47  
NW  
1/4-1/2  
0.486 mi.  
2564 ft.**

**C-MART #4  
801/803 GREENBRIAR ROAD  
KINSTON, NC 28501**

**Site 2 of 2 in cluster K**

**LUST S102443367  
IMD N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
43 ft.**

Facility ID: 00-0-000  
UST Number: WA-1424  
Incident Number: 16744  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 01/15/1997  
Date Occur: 11/25/1996  
Cleanup: 11/25/1996  
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: I  
Corrective Action Plan Type: Not reported  
NOV Issue Date: Not reported  
NORR Issue Date: 01/28/1997  
Site Priority: 70E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART #4 (Continued)**

**S102443367**

Phase Of LSA Req: Not reported  
Site Risk Reason: CFGS  
Land Use: Residential  
MTBE: No  
MTBE1: Yes  
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: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2730 -77.5966  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: CHERRY OIL COMPANY  
Contact Person: JULIUS P. CHERRY  
Telephone: Not reported  
RP Address: P.O. BOX 1424  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: LSA DUE 04/30/01NOV sent 07/02/01. FP product evaluation completed  
May 2010. No FP found  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 16744  
Date Occurred: 1996-11-25 00:00:00  
Date Reported: 1997-01-27 00:00:00  
Description Of Incident: GW RESULTS WERE 26,300 PPB BENZENE, 39,300 PPB TOLUENE, AND 20,300 PPB MTBE.  
Owner/Operator: JAY CHERRY  
Ownership: 4  
Operation Type: 6  
Type: 3  
Location: 1  
Site Priority: 70/E  
Priority Update: 1998-05-30 00:00:00  
Wells Affected Y/N: Not reported  
Samples Include: 0  
7#5 Minute Quad: 3  
5 Minute Quad: 1  
Pirf/Min Soil: Not reported  
Release Code: Q27T  
Source Code: Pirf  
Err Type: Not reported  
Cause: Not reported  
Source: Not reported  
Ust Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART #4 (Continued)**

**S102443367**

|                            |                                    |
|----------------------------|------------------------------------|
| Last Modified:             | Not reported                       |
| <b>Incident Phase:</b>     | <b>Remedial Action Implemented</b> |
| 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: WAS  
Facility ID: 16744  
Date Occurred: 11/25/1996  
Submit Date: 1/27/1997  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: GW RESULTS WERE 26,300 PPB BENZENE, 39,300 PPB TOLUENE, AND 20,300 PPB MTBE.  
Operator: JAY CHERRY  
Contact Phone: Not reported  
Owner Company: CHERRY OIL COMPANY  
Operator Address: 401 ABBOTT STREET  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Residential  
Risk Site: L  
Site Priority: 70/E  
Priority Code: L  
Priority Update: 5/30/1998  
Dem Contact: SNH  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Q27T  
Latitude: 35.27277777  
Longitude: -77.59638888  
Latitude Number: 351622  
Longitude Number: 773547  
Latitude Decimal: 35.2727777777778  
Longitude Decimal: 77.5963888888889  
GPS: 6  
Agency: DWM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C-MART #4 (Continued)**

**S102443367**

Facility ID: 16744  
Last Modified: Not reported  
Incident Phase: RE  
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

**48**  
**ENE**  
**1/4-1/2**  
**0.495 mi.**  
**2616 ft.**

**MCDONALD'S RESTAURANT**  
**110 WEST VERNON AVENUE**  
**KINSTON, NC 28504**

**LUST S109367278**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**44 ft.**

Facility ID: Not reported  
UST Number: WA-26728  
Incident Number: 31912  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 08/26/2008  
Date Occur: 05/13/2008  
Cleanup: 05/14/2008  
Closure Request: Not reported  
Close Out: 12/08/2009  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: COMMERCIAL  
Risk Classification: Not reported  
Risk Class Based On Review: L  
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: Residential  
MTBE: No  
MTBE1: Yes  
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: True  
CD Num: 554  
Reel Num: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MCDONALD'S RESTAURANT (Continued)**

**S109367278**

RPOP: False  
RPOP: False  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2680 -77.5818  
Testlat: Not reported  
Regional Officer Project Mgr: CCS  
Region: WAS  
Company: MCDONALD'S USA, LLC  
Contact Person: MS. JAMI HAYS  
Telephone: Not reported  
RP Address: 4601 SIX FORKS ROAD, SUITE 200  
RP City,St,Zip: RALEIGH, NC 27609  
RP County: Not reported  
Comments: Orphaned UST discovered by contractor during facility remodel.  
Sidewall below s-gw, base sample exceeds residential. Groundwater  
encountered at approx 11' b/s. Waro request IAA w/ installation of  
MW. IAA REC'D 9/10/2009. SOIL EXCEEDS S-GW MSCCS IN THE NORTHERN TANK  
PIT AREA. LSA REQUESTED 9/15/2009. Low rank, soil below residential,  
gw below 2L (MTBE .52 UG/L). NFA. SENT FOR ARCHIVING DECEMBER 2014;  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31912  
Date Occurred: 2008-05-13 00:00:00  
Date Reported: 2008-08-26 00:00:00  
Description Of Incident: contractor discovered orphaned ust during facility remodel  
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: N  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 9  
Cause: 3  
Source: A  
Ust Number: P

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MCDONALD'S RESTAURANT (Continued)**

**S109367278**

Close-out Report: Not reported

**49**  
**North**  
**1/4-1/2**  
**0.496 mi.**  
**2618 ft.**

**WOOTEN JONES RESIDENCE**  
**1103 RHEM STREET**  
**KINSTON, NC 28501**

**LUST**  
**LUST TRUST**  
**IMD**

**S106684274**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**77 ft.**

**LUST:**

Facility ID: Not reported  
UST Number: WA-26094  
Incident Number: 31357  
Contamination Type: GW  
Source Type: Leak-underground  
Product Type: P  
Date Reported: 08/23/2004  
Date Occur: 07/15/2004  
Cleanup: 07/15/2004  
Closure Request: Not reported  
Close Out: Not reported  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: NON 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: 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 House  
RBCA GW: Cleanups to alternate standards  
PETOPT: 4  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: N  
Valid: False  
Lat/Long Decimal: 35.2732 -77.5892  
Testlat: Not reported  
Regional Officer Project Mgr: CCS  
Region: WAS  
Company: Not reported  
Contact Person: LOIS WOOTEN JONES ESTATE/DAL W  
Telephone: 2525275714  
RP Address: 112 EAST GORDEN STREET

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOOTEN JONES RESIDENCE (Continued)**

**S106684274**

RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: Not reported  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 31357  
Date Occurred: 2004-07-15 00:00:00  
Date Reported: 2004-08-23 00:00:00  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 3  
Type: 4  
Location: 7  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: U  
Samples Include: Not reported  
7#5 Minute Quad: Y  
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

**LUST TRUST:**

Facility ID: Not reported  
Site ID: 31357  
Site Note: Noncommercial. 100% eligible. 0 deductible.  
Site Eligible?: True  
Commercial Find: 100% Non-Commercial  
Priority Rank: Not reported  
Deductable Amount: 0  
3rd Party Deductable Amt: 0  
Sum 3rd Party Amt Applied: 0

[Click this hyperlink](#) while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOOTEN JONES RESIDENCE (Continued)**

**S106684274**

IMD:

Region: Not reported  
Facility ID: 31357  
Date Occurred: 7/15/2004  
Submit Date: 8/23/2004  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: Not reported  
Operator: LOIS WOOTEN JONES ESTATE/DAL W  
Contact Phone: 2525275714  
Owner Company: Not reported  
Operator Address: 112 EAST GORDEN STREET  
Operator City: KINSTON  
Oper City,St,Zip: KINSTON, NC 28501-  
Ownership: Private  
Operation: Residential  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Residence  
Setting: Not reported  
Risk Site: L  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: EDP  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

50  
NW  
1/2-1  
0.579 mi.  
3057 ft.

**MALLARD GRIFFIN**  
**1401 W VERNON AVENUE**  
**KINSTON, NC 28501**

**SHWS**  
**LAST**  
**UST**  
**IMD**

**U001206809**  
**N/A**

**Relative:**  
**Higher**

SHWS:

EPAID: NONCD0002028  
Lat/Longitude: 35.268888 / -77.599444  
Geolocation Method: On Screen Placement On Georeferenced Map

**Actual:**  
**47 ft.**

LAST:

Facility ID: Not reported  
UST Number: WA-9840  
Incident Number: 9840  
Contamination Type: GW  
Source Type: 19  
Product Type: B  
Date Reported: 02/10/1993  
Date Occur: 02/03/1993  
Cleanup: 02/03/1999  
Closure Request: Not reported  
Close Out: 08/08/2012  
Level Of Soil Cleanup Achieved: S1  
Tank Regulated Status: N  
# Of Supply Wells: 0  
Commercial/NonCommercial UST Site: C  
Risk Classification: Not reported  
Risk Class Based On Review: L  
Corrective Action Plan Type: EL  
NOV Issue Date: Not reported  
NORR Issue Date: Not reported  
Site Priority: 15  
Phase Of LSA Req: Not reported  
Site Risk Reason: Not reported  
Land Use: RES  
MTBE: No  
MTBE1: No  
Flag: Yes  
Flag1: No  
LUR Filed: Not reported  
Release Detection: 0  
Current Status: C  
RBCA GW: G1  
PETOPT: 12  
RPL: True  
CD Num: 0  
Reel Num: 0  
RPOW: True  
RPOP: True  
Error Flag: 0  
Error Code: Not reported  
Valid: False  
Lat/Long: 35 16 77 35  
Lat/Long Decimal: 35.26888 -77.59944  
Testlat: Not reported  
Regional Officer Project Mgr: RMB  
Region: WAS  
Company: VERNON MARKET, LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MALLARD GRIFFIN (Continued)**

**U001206809**

Contact Person: SKIP GREENE  
Telephone: Not reported  
RP Address: 2715 WEST VERNON AVENUE  
RP City,St,Zip: KINSTON, NC 28501  
RP County: Not reported  
Comments: NATURAL ATTENUATION. Contaminants are a mixture of petroleum compounds and chlorinated solvents. Relatively low concentrations. October 2007 sampling, PCE and 1,2,4-trimethylbenzene slightly above 2L in two samples. Continue semi-annual sampling. Sampling March 2011: B, PCE slightly above 2L. Continue annual sampling. Drop MW-1, 2 and lead. May 2012 benzene 1.3 ppb. No other petroleum contaminant exceeding 2L. PCE and TCE detected; closepetroleum incident; forward site to inactive sites branch  
5 Min Quad: Not reported

**PIRF:**

Facility Id: 9840  
Date Occurred: Not reported  
Date Reported: Not reported  
Description Of Incident: Not reported  
Owner/Operator: Not reported  
Ownership: 5  
Operation Type: 8  
Type: Not reported  
Location: Not reported  
Site Priority: 15E  
Priority Update: Not reported  
Wells Affected Y/N: N  
Wells Affected Number: 0  
Samples Taken By: Not reported  
Samples Include: Not reported  
7#5 Min Quad: Not reported  
5 Min Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Cause: Not reported  
Source: Not reported  
Source Type: 1

Last Modified: 8/8/2012  
**Incident Phase: CO**  
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: 00-0-0000033178  
Contact: E F MALLARD HEIRS  
Contact Address1: 2107 ST GEORGE PLACE  
Contact Address2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MALLARD GRIFFIN (Continued)**

**U001206809**

Contact City/State/Zip: KINSTON, NC 28501  
FIPS County Desc: Lenoir  
Latitude: 0  
Longitude: 0

Tank Id: 1  
Tank Status: Removed  
Installed Date: 01/01/1964  
Perm Close Date: 12/02/1992  
Product Key: 3  
Product Name: Gasoline, Gas Mix  
Tank Capacity: 280  
Root Tank Id: Not reported  
Main Tank: No  
Compartment Tank: No  
Manifold Tank: Not reported  
Commercial: No  
Regulated: Yes  
Tank Construction: Single Wall Steel  
Piping Construction: Single Wall Steel  
Piping System Key: Unknown  
Other CP Tank: Not reported  
Overfill Protection Key: 1  
Overfill Protection Name: Unknown  
Spill Protection Key: 1  
Spill Protection Name: Unknown  
Leak Detection Key: -1  
Leak Detection Name: Unknown  
Decode for TCONS\_KEY: Single Wall Steel  
Decode for PCONS\_KEY: Single Wall Steel  
Decode for PSYS\_KEY: Unknown

**IMD:**

Region: WAS  
Facility ID: 9840  
Date Occurred: 2/4/1993  
Submit Date: 2/23/1993  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: Not reported  
Incident Desc: NATURAL ATTENUATION  
Operator: GREENE, SKIP  
Contact Phone: Not reported  
Owner Company: VERNON MARKET, LLC  
Operator Address: 2715 WEST VERNON AVENUE  
Operator City: KINSTON  
Oper City, St, Zip: KINSTON, NC  
Ownership: Federal  
Operation: 8  
Material: CRESOTE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Spill-surface  
Type: Other inorganics  
Location: Facility  
Setting: Residential  
Risk Site: No  
Site Priority: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MALLARD GRIFFIN (Continued)**

**U001206809**

Priority Code: E  
Priority Update: Not reported  
Dem Contact: DAVID MAY  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Q27S  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: GPS  
Agency: DWQ  
Facility ID: 9840  
Last Modified: 12/12/2001  
Incident Phase: Assessment  
NOV Issued: 2/12/1993  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: 12/10/2001  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

**M51**  
**SSE**  
**1/2-1**  
**0.673 mi.**  
**3555 ft.**

**KINSTON MGP**  
**SOUTH AND HERRITAGE STREETS**  
**KINSTON, NC 28501**

**EDR MGP 1008407291**  
**N/A**

**Site 1 of 2 in cluster M**

**Relative:**  
**Lower**

Manufactured Gas Plants:

Alternate Name: KINSTON GAS CO INC/ TIDE WATER POWER CO/ TIDE WATER GAS CO. No additional information available

**Actual:**  
**40 ft.**

**M52**  
**SSE**  
**1/2-1**  
**0.700 mi.**  
**3697 ft.**

**KINSTON COAL GAS PLANT**  
**WEST SOUTH STREET**  
**KINSTON, NC**

**SHWS S103229295**  
**VCP N/A**

**Site 2 of 2 in cluster M**

**Relative:**  
**Lower**

SHWS:

EPAID: NCD986197366

Lat/Longitude: 35.2548 / -77.5844

**Actual:**  
**39 ft.**

Geolocation Method: On Screen Placement On Georeferenced Map

VCP:

EPAID: NCD986197366

Count: 0 records.

ORPHAN SUMMARY

| City           | EDR ID | Site Name | Site Address | Zip | Database(s) |
|----------------|--------|-----------|--------------|-----|-------------|
| NO SITES FOUND |        |           |              |     |             |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

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

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

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

|   |  |
|---|--|
| Date of Government Version: 03/26/2015  | Source: EPA                            |
| Date Data Arrived at EDR: 04/08/2015    | Telephone: N/A                         |
| Date Made Active in Reports: 06/22/2015 | Last EDR Contact: 11/07/2015           |
| Number of Days to Update: 75            | Next Scheduled EDR Contact: 01/18/2016 |
|   | Data Release Frequency: Quarterly      |

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

|   |  |
|---|--|
| Date of Government Version: 03/26/2015  | Source: EPA                            |
| Date Data Arrived at EDR: 04/08/2015    | Telephone: N/A                         |
| Date Made Active in Reports: 06/22/2015 | Last EDR Contact: 11/07/2015           |
| Number of Days to Update: 75            | Next Scheduled EDR Contact: 01/18/2016 |
|   | Data Release Frequency: Quarterly      |

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Delisted NPL: National Priority List Deletions

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

|   |  |
|---|--|
| Date of Government Version: 03/26/2015  | Source: EPA                            |
| Date Data Arrived at EDR: 04/08/2015    | Telephone: N/A                         |
| Date Made Active in Reports: 06/22/2015 | Last EDR Contact: 11/07/2015           |
| Number of Days to Update: 75            | Next Scheduled EDR Contact: 01/18/2016 |
|   | Data Release Frequency: Quarterly      |

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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

|   |   |
|---|---|
| Date of Government Version: 03/26/2015  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/08/2015    | Telephone: 703-603-8704                 |
| Date Made Active in Reports: 06/11/2015 | Last EDR Contact: 10/09/2015            |
| Number of Days to Update: 64            | Next Scheduled EDR Contact: 01/18/2016  |
|   | Data Release Frequency: Varies          |

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

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

|   |  |
|---|--|
| Date of Government Version: 10/25/2013  | Source: EPA                            |
| Date Data Arrived at EDR: 11/11/2013    | Telephone: 703-412-9810                |
| Date Made Active in Reports: 02/13/2014 | Last EDR Contact: 11/23/2015           |
| Number of Days to Update: 94            | Next Scheduled EDR Contact: 03/07/2016 |
|   | Data Release Frequency: Quarterly      |

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

|   |  |
|---|--|
| Date of Government Version: 10/25/2013  | Source: EPA                            |
| Date Data Arrived at EDR: 11/11/2013    | Telephone: 703-412-9810                |
| Date Made Active in Reports: 02/13/2014 | Last EDR Contact: 11/23/2015           |
| Number of Days to Update: 94            | Next Scheduled EDR Contact: 03/07/2016 |
|   | Data Release Frequency: Quarterly      |

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/18/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Quarterly

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

#### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

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

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

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/18/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Quarterly

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

#### **RCRA-LQG: RCRA - Large Quantity Generators**

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

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

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/18/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

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

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/18/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

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

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/18/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **LUCIS: Land Use Control Information System**

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

|   |  |
|---|--|
| Date of Government Version: 05/28/2015  | Source: Department of the Navy         |
| Date Data Arrived at EDR: 05/29/2015    | Telephone: 843-820-7326                |
| Date Made Active in Reports: 06/11/2015 | Last EDR Contact: 11/13/2015           |
| Number of Days to Update: 13            | Next Scheduled EDR Contact: 02/29/2016 |
|   | 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: 09/10/2015  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/11/2015    | Telephone: 703-603-0695                 |
| Date Made Active in Reports: 11/03/2015 | Last EDR Contact: 11/24/2015            |
| Number of Days to Update: 53            | Next Scheduled EDR Contact: 03/14/2016  |
|   | 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: 09/10/2015  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/11/2015    | Telephone: 703-603-0695                 |
| Date Made Active in Reports: 11/03/2015 | Last EDR Contact: 11/24/2015            |
| Number of Days to Update: 53            | Next Scheduled EDR Contact: 03/14/2016  |
|   | Data Release Frequency: Varies          |

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

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

|   |   |
|---|---|
| Date of Government Version: 06/22/2015  | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 06/26/2015    | Telephone: 202-267-2180                                     |
| Date Made Active in Reports: 09/16/2015 | Last EDR Contact: 09/29/2015                                |
| Number of Days to Update: 82            | Next Scheduled EDR Contact: 01/11/2016                      |
|   | Data Release Frequency: Annually                            |

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

### **HSDS: Hazardous Substance Disposal Site**

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

|   |   |
|---|---|
| Date of Government Version: 08/09/2011  | Source: North Carolina Center for Geographic Information and Analysis |
| Date Data Arrived at EDR: 11/08/2011    | Telephone: 919-754-6580   |
| Date Made Active in Reports: 12/05/2011 | Last EDR Contact: 11/06/2015  |
| Number of Days to Update: 27            | Next Scheduled EDR Contact: 02/15/2016                                |
|   | Data Release Frequency: Biennially                                    |

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SHWS: Inactive Hazardous Sites Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/16/2015  
Date Data Arrived at EDR: 09/16/2015  
Date Made Active in Reports: 10/22/2015  
Number of Days to Update: 36

Source: Department of Environment, Health and Natural Resources  
Telephone: 919-508-8400  
Last EDR Contact: 12/17/2015  
Next Scheduled EDR Contact: 03/28/2016  
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: 09/28/2015  
Date Data Arrived at EDR: 09/30/2015  
Date Made Active in Reports: 10/22/2015  
Number of Days to Update: 22

Source: Department of Environment and Natural Resources  
Telephone: 919-733-0692  
Last EDR Contact: 09/30/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Semi-Annually

#### OLI: Old Landfill Inventory

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

Date of Government Version: 03/27/2015  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 04/30/2015  
Number of Days to Update: 13

Source: Department of Environment & Natural Resources  
Telephone: 919-733-4996  
Last EDR Contact: 10/16/2015  
Next Scheduled EDR Contact: 01/25/2016  
Data Release Frequency: Varies

### ***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: 08/07/2015  
Date Data Arrived at EDR: 08/12/2015  
Date Made Active in Reports: 09/15/2015  
Number of Days to Update: 34

Source: Department of Environment & Natural Resources  
Telephone: 877-623-6748  
Last EDR Contact: 11/11/2015  
Next Scheduled EDR Contact: 02/22/2016  
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: 08/07/2015  
Date Data Arrived at EDR: 08/12/2015  
Date Made Active in Reports: 09/15/2015  
Number of Days to Update: 34

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1308  
Last EDR Contact: 11/11/2015  
Next Scheduled EDR Contact: 02/22/2016  
Data Release Frequency: Quarterly

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

|   |  |
|---|--|
| Date of Government Version: 07/28/2015  | Source: EPA, Region 5                  |
| Date Data Arrived at EDR: 08/07/2015    | Telephone: 312-886-7439                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 67            | Next Scheduled EDR Contact: 02/08/2016 |
|   | 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: 07/21/2015  | Source: EPA Region 10                  |
| Date Data Arrived at EDR: 07/29/2015    | Telephone: 206-553-2857                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 76            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Quarterly      |

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

|   |   |
|---|---|
| Date of Government Version: 01/08/2015  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/08/2015    | Telephone: 415-972-3372                 |
| Date Made Active in Reports: 02/09/2015 | Last EDR Contact: 10/30/2015            |
| Number of Days to Update: 32            | Next Scheduled EDR Contact: 02/08/2016  |
|   | Data Release Frequency: Quarterly       |

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

|   |  |
|---|--|
| Date of Government Version: 04/30/2015  | Source: EPA Region 8                   |
| Date Data Arrived at EDR: 05/05/2015    | Telephone: 303-312-6271                |
| Date Made Active in Reports: 06/22/2015 | Last EDR Contact: 10/08/2015           |
| Number of Days to Update: 48            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Quarterly      |

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

|   |  |
|---|--|
| Date of Government Version: 03/30/2015  | Source: EPA Region 7                   |
| Date Data Arrived at EDR: 04/28/2015    | Telephone: 913-551-7003                |
| Date Made Active in Reports: 06/22/2015 | Last EDR Contact: 10/08/2015           |
| Number of Days to Update: 55            | Next Scheduled EDR Contact: 02/08/2016 |
|   | 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: 05/13/2015  | Source: EPA Region 6                   |
| Date Data Arrived at EDR: 08/03/2015    | Telephone: 214-665-6597                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 71            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Varies         |

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

|   |  |
|---|--|
| Date of Government Version: 07/30/2015  | Source: EPA Region 4                   |
| Date Data Arrived at EDR: 08/07/2015    | Telephone: 404-562-8677                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 67            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Semi-Annually  |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 02/03/2015  
Date Data Arrived at EDR: 04/30/2015  
Date Made Active in Reports: 06/22/2015  
Number of Days to Update: 53

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/27/2015  
Next Scheduled EDR Contact: 02/08/2016  
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: 10/09/2015  
Date Data Arrived at EDR: 10/14/2015  
Date Made Active in Reports: 12/02/2015  
Number of Days to Update: 49

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1315  
Last EDR Contact: 10/14/2015  
Next Scheduled EDR Contact: 01/25/2016  
Data Release Frequency: Semi-Annually

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

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/08/2015  
Next Scheduled EDR Contact: 01/25/2016  
Data Release Frequency: Varies

#### UST: Petroleum Underground Storage Tank Database

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

Date of Government Version: 11/06/2015  
Date Data Arrived at EDR: 11/12/2015  
Date Made Active in Reports: 12/02/2015  
Number of Days to Update: 20

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1308  
Last EDR Contact: 11/12/2015  
Next Scheduled EDR Contact: 02/22/2016  
Data Release Frequency: Quarterly

#### AST: AST Database

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

Date of Government Version: 04/14/2015  
Date Data Arrived at EDR: 06/23/2015  
Date Made Active in Reports: 07/17/2015  
Number of Days to Update: 24

Source: Department of Environment and Natural Resources  
Telephone: 919-715-6183  
Last EDR Contact: 12/17/2015  
Next Scheduled EDR Contact: 04/04/2016  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 05/13/2015  
Date Data Arrived at EDR: 08/03/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 71

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/26/2015  
Next Scheduled EDR Contact: 02/08/2016  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

|   |  |
|---|--|
| Date of Government Version: 07/28/2015  | Source: EPA Region 5                   |
| Date Data Arrived at EDR: 08/07/2015    | Telephone: 312-886-6136                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 67            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Varies         |

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

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

|   |  |
|---|--|
| Date of Government Version: 02/03/2015  | Source: EPA, Region 1                  |
| Date Data Arrived at EDR: 04/30/2015    | Telephone: 617-918-1313                |
| Date Made Active in Reports: 06/22/2015 | Last EDR Contact: 10/27/2015           |
| Number of Days to Update: 53            | Next Scheduled EDR Contact: 02/08/2016 |
|   | 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: 09/23/2014  | Source: EPA Region 7                   |
| Date Data Arrived at EDR: 11/25/2014    | Telephone: 913-551-7003                |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 65            | Next Scheduled EDR Contact: 02/08/2016 |
|   | 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: 07/28/2015  | Source: EPA Region 8                   |
| Date Data Arrived at EDR: 08/14/2015    | Telephone: 303-312-6137                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 07/22/2015           |
| Number of Days to Update: 60            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Quarterly      |

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

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

|   |  |
|---|--|
| Date of Government Version: 12/14/2014  | Source: EPA Region 9                   |
| Date Data Arrived at EDR: 02/13/2015    | Telephone: 415-972-3368                |
| Date Made Active in Reports: 03/13/2015 | Last EDR Contact: 10/30/2015           |
| Number of Days to Update: 28            | Next Scheduled EDR Contact: 02/09/2016 |
|   | Data Release Frequency: Quarterly      |

### 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: 07/21/2015  | Source: EPA Region 10                  |
| Date Data Arrived at EDR: 07/29/2015    | Telephone: 206-553-2857                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 76            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Quarterly      |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

|   |  |
|---|--|
| Date of Government Version: 07/30/2015  | Source: EPA Region 4                   |
| Date Data Arrived at EDR: 08/07/2015    | Telephone: 404-562-9424                |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 10/26/2015           |
| Number of Days to Update: 67            | Next Scheduled EDR Contact: 02/08/2016 |
|   | Data Release Frequency: Semi-Annually  |

### ***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: 07/16/2015  | Source: Department of Environment, Health and Natural Resources |
| Date Data Arrived at EDR: 09/16/2015    | Telephone: 919-508-8400   |
| Date Made Active in Reports: 10/22/2015 | Last EDR Contact: 12/17/2015                                    |
| Number of Days to Update: 36            | Next Scheduled EDR Contact: 03/28/2016                          |
|   | Data Release Frequency: Quarterly                               |

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

#### VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

|   |   |
|---|---|
| Date of Government Version: 07/16/2015  | Source: Department of Environment and Natural Resources |
| Date Data Arrived at EDR: 09/16/2015    | Telephone: 919-508-8400                                 |
| Date Made Active in Reports: 10/22/2015 | Last EDR Contact: 12/17/2015                            |
| Number of Days to Update: 36            | Next Scheduled EDR Contact: 03/28/2016                  |
|   | Data Release Frequency: Semi-Annually                   |

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

|   |  |
|---|--|
| Date of Government Version: 09/29/2014  | Source: EPA, Region 1                  |
| Date Data Arrived at EDR: 10/01/2014    | Telephone: 617-918-1102                |
| Date Made Active in Reports: 11/06/2014 | Last EDR Contact: 09/29/2015           |
| Number of Days to Update: 36            | Next Scheduled EDR Contact: 01/11/2016 |
|   | 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2015  
Date Data Arrived at EDR: 10/07/2015  
Date Made Active in Reports: 10/22/2015  
Number of Days to Update: 15

Source: Department of Environment and Natural Resources  
Telephone: 919-733-4996  
Last EDR Contact: 10/07/2015  
Next Scheduled EDR Contact: 01/18/2016  
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: 06/22/2015  
Date Data Arrived at EDR: 06/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 70

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/23/2015  
Next Scheduled EDR Contact: 01/04/2016  
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: 09/24/2015  
Date Data Arrived at EDR: 09/25/2015  
Date Made Active in Reports: 10/22/2015  
Number of Days to Update: 27

Source: Department of Environment & Natural Resources  
Telephone: 919-707-8137  
Last EDR Contact: 11/06/2015  
Next Scheduled EDR Contact: 02/15/2016  
Data Release Frequency: Varies

#### **HIST LF: Solid Waste Facility Listing**

A listing of solid waste facilities.

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

Source: Department of Environment & Natural Resources  
Telephone: 919-733-0692  
Last EDR Contact: 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: 11/06/2015  
Next Scheduled EDR Contact: 02/15/2016  
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: 10/26/2015  
Next Scheduled EDR Contact: 02/08/2016  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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

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

#### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 08/12/2015  
Date Data Arrived at EDR: 09/04/2015  
Date Made Active in Reports: 11/03/2015  
Number of Days to Update: 60

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

#### US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/12/2015  
Date Data Arrived at EDR: 09/04/2015  
Date Made Active in Reports: 11/03/2015  
Number of Days to Update: 60

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/25/2015  
Next Scheduled EDR Contact: 03/14/2016  
Data Release Frequency: Quarterly

### **Local Land Records**

#### LIENS 2: CERCLA Lien Information

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/30/2015  
Next Scheduled EDR Contact: 02/08/2016  
Data Release Frequency: Varies

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

#### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 68

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 09/29/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SPILLS: Spills Incident Listing

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

Date of Government Version: 09/14/2015  
Date Data Arrived at EDR: 09/17/2015  
Date Made Active in Reports: 10/22/2015  
Number of Days to Update: 35

Source: Department of Environment & Natural Resources  
Telephone: 919-807-6308  
Last EDR Contact: 12/09/2015  
Next Scheduled EDR Contact: 03/28/2016  
Data Release Frequency: Varies

### IMD: Incident Management Database

Groundwater and/or soil contamination incidents

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

Source: Department of Environment and Natural Resources  
Telephone: 919-733-3221  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

### SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 09/27/2012  
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: 06/09/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/18/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Varies

#### FUDS: Formerly Used Defense Sites

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 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: 12/11/2015  
Next Scheduled EDR Contact: 03/21/2016  
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: 10/16/2015  
Next Scheduled EDR Contact: 01/25/2016  
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: 10/16/2015  
Next Scheduled EDR Contact: 01/25/2016  
Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 11/19/2015  
Next Scheduled EDR Contact: 02/29/2016  
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: 09/01/2015  
Date Data Arrived at EDR: 09/03/2015  
Date Made Active in Reports: 11/03/2015  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/13/2015  
Next Scheduled EDR Contact: 02/29/2016  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 11/10/2015  
Next Scheduled EDR Contact: 02/22/2016  
Data Release Frequency: Quarterly

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

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

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

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 11/13/2015  
Next Scheduled EDR Contact: 02/22/2016  
Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/25/2015  
Next Scheduled EDR Contact: 01/04/2016  
Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/12/2015  
Date Made Active in Reports: 06/02/2015  
Number of Days to Update: 110

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/24/2015  
Next Scheduled EDR Contact: 03/07/2016  
Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/26/2015  
Next Scheduled EDR Contact: 02/08/2016  
Data Release Frequency: Annually

### ROD: Records Of Decision

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

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/11/2015  
Next Scheduled EDR Contact: 03/21/2016  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RMP: Risk Management Plans

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

|   |   |
|---|---|
| Date of Government Version: 08/01/2015  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/26/2015    | Telephone: 202-564-8600                 |
| Date Made Active in Reports: 11/03/2015 | Last EDR Contact: 10/26/2015            |
| Number of Days to Update: 69            | Next Scheduled EDR Contact: 02/08/2016  |
|   | Data Release Frequency: Varies          |

### RAATS: RCRA Administrative Action Tracking System

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

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

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

|   |  |
|---|--|
| Date of Government Version: 10/25/2013  | Source: EPA                            |
| Date Data Arrived at EDR: 10/17/2014    | Telephone: 202-564-6023                |
| Date Made Active in Reports: 10/20/2014 | Last EDR Contact: 11/13/2015           |
| Number of Days to Update: 3             | Next Scheduled EDR Contact: 02/22/2016 |
|   | Data Release Frequency: Quarterly      |

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

|   |  |
|---|--|
| Date of Government Version: 07/01/2014  | Source: EPA                            |
| Date Data Arrived at EDR: 10/15/2014    | Telephone: 202-566-0500                |
| Date Made Active in Reports: 11/17/2014 | Last EDR Contact: 10/29/2015           |
| Number of Days to Update: 33            | Next Scheduled EDR Contact: 01/25/2016 |
|   | Data Release Frequency: Annually       |

### ICIS: Integrated Compliance Information System

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

|   |   |
|---|---|
| Date of Government Version: 01/23/2015  | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/06/2015    | Telephone: 202-564-5088                 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 10/08/2015            |
| Number of Days to Update: 31            | Next Scheduled EDR Contact: 01/25/2016  |
|   | Data Release Frequency: Quarterly       |

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 11/18/2015  
Next Scheduled EDR Contact: 03/07/2016  
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  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 11/18/2015  
Next Scheduled EDR Contact: 03/07/2016  
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: 06/26/2015  
Date Data Arrived at EDR: 07/10/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 95

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 12/07/2015  
Next Scheduled EDR Contact: 03/21/2016  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 07/13/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Varies

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

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

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/11/2015  
Next Scheduled EDR Contact: 03/21/2016  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 10/29/2015  
Next Scheduled EDR Contact: 02/08/2016  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/07/2015  
Next Scheduled EDR Contact: 01/18/2016  
Data Release Frequency: Quarterly

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

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

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

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

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

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

### DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/07/2015  
Next Scheduled EDR Contact: 02/15/2016  
Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/02/2015  
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/28/2015  
Next Scheduled EDR Contact: 01/11/2016  
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: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/24/2015  
Next Scheduled EDR Contact: 03/07/2016  
Data Release Frequency: Biennially

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN RESERV: Indian Reservations

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/16/2015  
Next Scheduled EDR Contact: 01/25/2016  
Data Release Frequency: Semi-Annually

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 11/19/2015  
Next Scheduled EDR Contact: 03/07/2016  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

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

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 10/05/2015  
Next Scheduled EDR Contact: 01/18/2016  
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: 07/22/2015  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 40

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/28/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 40

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/28/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US MINES: Mines Master Index File

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

Date of Government Version: 05/14/2015  
Date Data Arrived at EDR: 06/03/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 91

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/03/2015  
Next Scheduled EDR Contact: 03/14/2016  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 12/05/2005  
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: 12/04/2015  
Next Scheduled EDR Contact: 03/14/2016  
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: 12/04/2015  
Next Scheduled EDR Contact: 03/14/2016  
Data Release Frequency: Varies

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

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

Date of Government Version: 07/20/2015  
Date Data Arrived at EDR: 09/09/2015  
Date Made Active in Reports: 11/03/2015  
Number of Days to Update: 55

Source: EPA  
Telephone: (404) 562-9900  
Last EDR Contact: 12/10/2015  
Next Scheduled EDR Contact: 03/21/2016  
Data Release Frequency: Quarterly

### COAL ASH: Coal Ash Disposal Sites

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

Date of Government Version: 04/22/2015  
Date Data Arrived at EDR: 08/04/2015  
Date Made Active in Reports: 09/15/2015  
Number of Days to Update: 42

Source: Department of Environment & Natural Resources  
Telephone: 919-807-6359  
Last EDR Contact: 11/30/2015  
Next Scheduled EDR Contact: 02/15/2016  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaning Sites

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Environment & Natural Resources  
Telephone: 919-508-8400  
Last EDR Contact: 09/25/2015  
Next Scheduled EDR Contact: 01/04/2016  
Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

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

Date of Government Version: 08/13/2015  
Date Data Arrived at EDR: 08/14/2015  
Date Made Active in Reports: 09/15/2015  
Number of Days to Update: 32

Source: Department of Environment & Natural Resources  
Telephone: 919-733-1322  
Last EDR Contact: 11/09/2015  
Next Scheduled EDR Contact: 02/22/2016  
Data Release Frequency: Quarterly

### Financial Assurance 2: Financial Assurance Information Listing

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

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

Source: Department of Environmental & Natural Resources  
Telephone: 919-508-8496  
Last EDR Contact: 11/09/2015  
Next Scheduled EDR Contact: 01/11/2016  
Data Release Frequency: Varies

### Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

Date of Government Version: 09/14/2015  
Date Data Arrived at EDR: 09/15/2015  
Date Made Active in Reports: 10/22/2015  
Number of Days to Update: 37

Source: Department of Environment & Natural Resources  
Telephone: 919-707-8222  
Last EDR Contact: 12/09/2015  
Next Scheduled EDR Contact: 03/28/2016  
Data Release Frequency: Varies

### NPDES: NPDES Facility Location Listing

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

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

Source: Department of Environment & Natural Resources  
Telephone: 919-733-7015  
Last EDR Contact: 11/30/2015  
Next Scheduled EDR Contact: 02/15/2016  
Data Release Frequency: Varies

### UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

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

Source: Department of Environment & Natural Resources  
Telephone: 919-807-6412  
Last EDR Contact: 11/19/2015  
Next Scheduled EDR Contact: 02/22/2016  
Data Release Frequency: Varies

## **EDR HIGH RISK HISTORICAL RECORDS**

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

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

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

### EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

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

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

## EDR RECOVERED GOVERNMENT ARCHIVES

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

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

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

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

Source: Department of Environment, Health and Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

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

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

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

Source: Department of Environment, Health and Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists.

Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 12/20/2013

Number of Days to Update: 172

Source: Department of Environment, Health and Natural Resources

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/30/2013

Date Data Arrived at EDR: 08/19/2013

Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 11/16/2015

Next Scheduled EDR Contact: 02/29/2016

Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013

Date Data Arrived at EDR: 07/17/2015

Date Made Active in Reports: 08/12/2015

Number of Days to Update: 26

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/13/2015

Next Scheduled EDR Contact: 01/25/2016

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: 11/02/2015

Date Data Arrived at EDR: 11/08/2015

Date Made Active in Reports: 12/09/2015

Number of Days to Update: 31

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 11/08/2015

Next Scheduled EDR Contact: 02/15/2016

Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014

Date Data Arrived at EDR: 07/24/2015

Date Made Active in Reports: 08/18/2015

Number of Days to Update: 25

Source: Department of Environmental Protection

Telephone: 717-783-8990

Last EDR Contact: 10/19/2015

Next Scheduled EDR Contact: 02/01/2016

Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013

Date Data Arrived at EDR: 06/19/2015

Date Made Active in Reports: 07/15/2015

Number of Days to Update: 26

Source: Department of Environmental Management

Telephone: 401-222-2797

Last EDR Contact: 11/19/2015

Next Scheduled EDR Contact: 03/07/2016

Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014

Date Data Arrived at EDR: 03/19/2015

Date Made Active in Reports: 04/07/2015

Number of Days to Update: 19

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/09/2015

Next Scheduled EDR Contact: 03/28/2016

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Child Care Facility List  
Source: Department of Health & Human Services  
Telephone: 919-662-4499

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

### **STREET AND ADDRESS INFORMATION**

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

### **TARGET PROPERTY ADDRESS**

FORMER GLEN RAVEN MILLS  
800 MANNING STREET  
KINSTON, NC 28501

### **TARGET PROPERTY COORDINATES**

|                                |                          |
|--------------------------------|--------------------------|
| Latitude (North):              | 35.2651 - 35° 15' 54.36" |
| Longitude (West):              | 77.5907 - 77° 35' 26.52" |
| Universal Transverse Mercator: | Zone 18                  |
| UTM X (Meters):                | 264326.8                 |
| UTM Y (Meters):                | 3905321.5                |
| Elevation:                     | 44 ft. above sea level   |

### **USGS TOPOGRAPHIC MAP**

|                      |                     |
|----------------------|---------------------|
| Target Property Map: | 5945006 KINSTON, NC |
| Version Date:        | 2013                |

|               |                       |
|---------------|-----------------------|
| South Map:    | 5944970 RIVERMONT, 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).

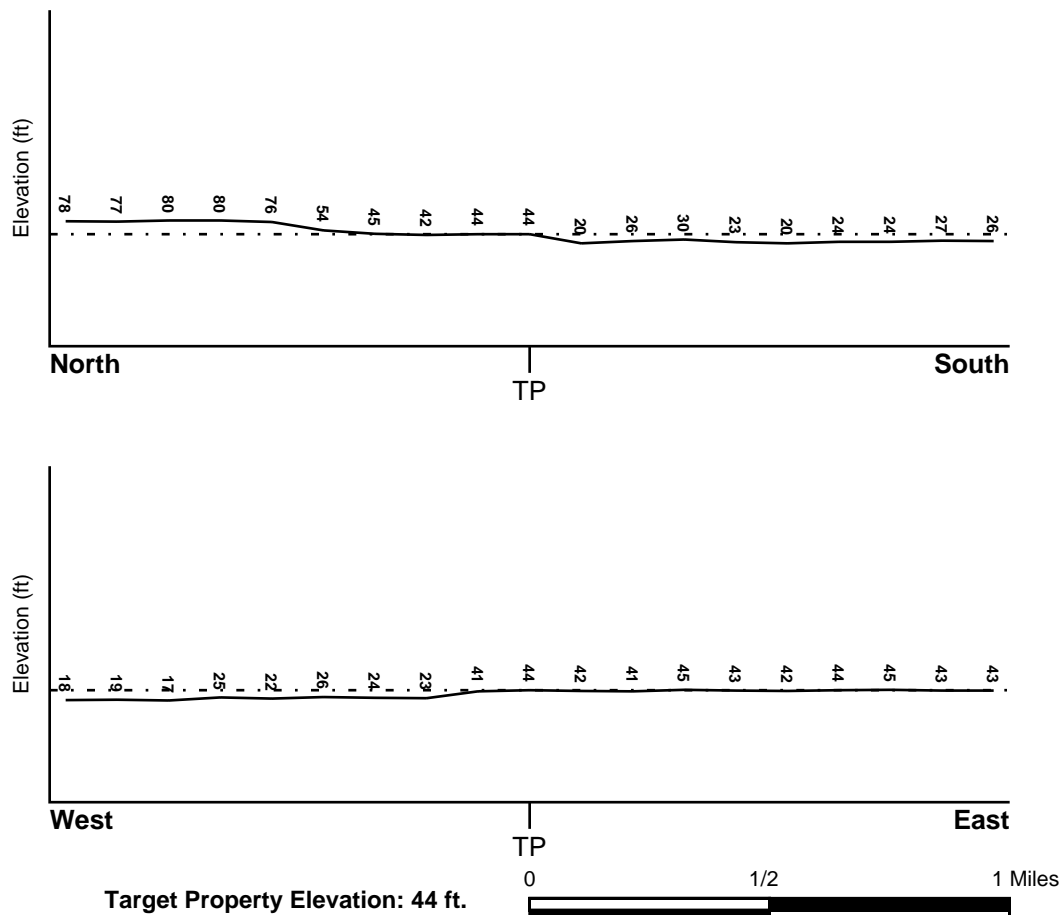
### TOPOGRAPHIC INFORMATION

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 SW

### 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

Target Property County  
LENOIR, NC

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 37107C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
KINSTON

NWI Electronic  
Data Coverage  
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</u><br><u>FROM TP</u> | <u>GENERAL DIRECTION</u><br><u>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: Mesozoic  
System: Cretaceous  
Series: Navarro Group  
Code: uK4 *(decoded above as Era, System & Series)*

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

### **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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: ROANOKE

Soil Surface Texture: loam

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

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information |           |           |                    |   |  |                           |                        |
|------------------------|-----------|-----------|--------------------|---|--|---------------------------|------------------------|
| Layer                  | Boundary  |           | Soil Texture Class | Classification  |  | Permeability Rate (in/hr) | Soil Reaction (pH)     |
|                        | Upper     | Lower     |                    | AASHTO Group  | Unified Soil   |                           |                        |
| 1                      | 0 inches  | 7 inches  | loam               | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.                   | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.                               | Max: 2.00<br>Min: 0.60    | Max: 5.50<br>Min: 3.60 |
| 2                      | 7 inches  | 12 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%), Lean Clay  | Max: 20.00<br>Min: 0.00   | Max: 5.50<br>Min: 3.60 |
| 3                      | 12 inches | 50 inches | clay               | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.                  | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.  | Max: 0.20<br>Min: 0.00    | Max: 5.50<br>Min: 3.60 |
| 4                      | 50 inches | 72 inches | stratified         | Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 20.00<br>Min: 0.06   | Max: 6.50<br>Min: 3.60 |

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: muck  
loamy sand  
fine sandy loam  
silt loam  
loamy fine sand  
sandy loam

Surficial Soil Types: muck  
loamy sand  
fine sandy loam  
silt loam  
loamy fine sand  
sandy loam

Shallow Soil Types: silt loam  
sandy clay loam

Deeper Soil Types: sand

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

loamy sand

### 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<br/>FROM TP</u> |
|---------------|-----------------|-----------------------------|
| A2            | USGS40000885948 | 0 - 1/8 Mile WNW            |
| A4            | USGS40000885949 | 1/8 - 1/4 Mile NW           |
| 5             | USGS40000885950 | 1/8 - 1/4 Mile West         |
| B8            | USGS40000886004 | 1/2 - 1 Mile ENE            |

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION<br/>FROM TP</u> |
|---------------|----------------|-----------------------------|
| 6             | NC0454010      | 1/4 - 1/2 Mile ENE          |

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<br/>FROM TP</u> |
|---------------|-----------------|-----------------------------|
| A1            | NC2000000002810 | 0 - 1/8 Mile WNW            |
| A3            | NC2000000002813 | 0 - 1/8 Mile NW             |
| 7             | NC2000000002728 | 1/2 - 1 Mile SSW            |
| B9            | NC2000000002843 | 1/2 - 1 Mile ENE            |

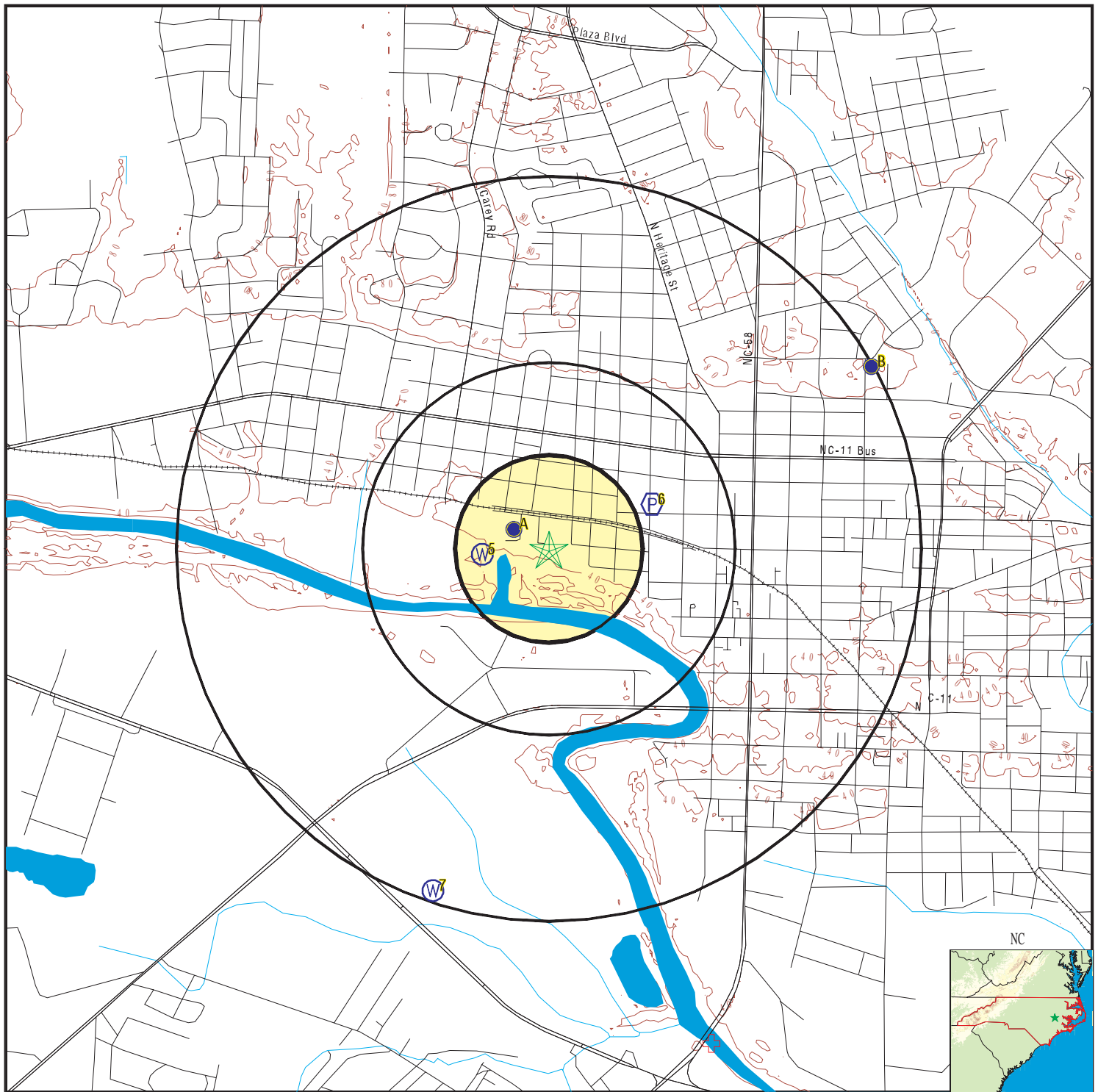
### OTHER STATE DATABASE INFORMATION

**GEOCHECK - PHYSICAL SETTING SOURCE SUMMARY**

**NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES**

| ID         | Class  |
|------------|--------|
| NC50003145 | Animal |
| NC50008466 | Animal |

# PHYSICAL SETTING SOURCE MAP - 4479037.2s



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

SITE NAME: Former Glen Raven Mills  
 ADDRESS: 800 Manning Street  
 Kinston NC 28501  
 LAT/LONG: 35.2651 / 77.5907

CLIENT: Mid-Atlantic Associates  
 CONTACT: Gregory Hutchins  
 INQUIRY #: 4479037.2s  
 DATE: December 21, 2015 12:09 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A1**  
**WNW**  
**0 - 1/8 Mile**  
**Higher**

**NC WELLS NC2000000002810**

Pwsidentif: NC0454010  
System nam: KINSTON, CITY OF  
Pws type: C  
County: LENOIR  
City: KINSTON  
Primary so: SWP  
Water type: GW  
Facility n: MANNING ST/WELL #1 (LSP)  
Facility a: W01  
Latitude m: 35.265383  
Longitude : -77.592333  
Availavili: A  
Well depth: 361  
Well dep 1: FT  
Owner name: CITY OF KINSTON  
Site id: NC2000000002810

**A2**  
**WNW**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS USGS40000885948**

Org. Identifier: USGS-NC  
Formal name: USGS North Carolina Water Science Center  
Monloc Identifier: USGS-351557077354201  
Monloc name: LN-051 CITY OF KINSTON (WELL 1)  
Monloc type: Well  
Monloc desc: USED IN RASA AND CCP STUDIES  
Huc code: 03020202  
Drainagearea value: Not Reported  
Drainagearea Units: Not Reported  
Contrib drainagearea: Not Reported  
Contrib drainagearea units: Not Reported  
Latitude: 35.2654412  
Longitude: -77.5924692  
Sourcemap scale: 24000  
Horiz Acc measure: 5  
Horiz Acc measure units: seconds  
Horiz Collection method: Interpolated from map  
Horiz coord refsys: NAD83  
Vert measure val: 42  
Vert measure units: feet  
Vertacc measure val: 3  
Vert accmeasure units: feet  
Vertcollection method: Interpolated from topographic map  
Vert coord refsys: NGVD29  
Countrycode: US  
Aquifername: Northern Atlantic Coastal Plain aquifer system  
Formation type: Black Creek Aquifer  
Aquifer type: Not Reported  
Construction date: 19260000  
Welldepth: 358  
Welldepth units: ft  
Wellholeddepth: 361  
Wellholeddepth units: ft

Ground-water levels, Number of Measurements: 9

| Date       | Feet below<br>Surface | Feet to<br>Sealevel | Date       | Feet below<br>Surface | Feet to<br>Sealevel |
|------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 1987-11-17 | 111.5                 |                     | 1986-11-05 | 115.4                 |                     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

| Date       | Feet below<br>Surface | Feet to<br>Sealevel | Date       | Feet below<br>Surface | Feet to<br>Sealevel |
|------------|-----------------------|---------------------|------------|-----------------------|---------------------|
| 1947-06-29 | 22.90                 |                     | 1947-06-01 | 30.80                 |                     |
| 1947-05-01 | 29.29                 |                     | 1947-03-31 | 27.52                 |                     |
| 1947-03-01 | 23.27                 |                     | 1947-01-23 | 26.50                 |                     |
| 1926       | 8                     |                     |            |                       |                     |

**A3**  
**NW**  
**0 - 1/8 Mile**  
**Higher**

**NC WELLS NC2000000002813**

Pwsidentif: NC0454010  
System nam: KINSTON, CITY OF  
Pws type: C  
County: LENOIR  
City: KINSTON  
Primary so: SWP  
Water type: GW  
Facility n: MANNING ST/WELL #3 (LSP)  
Facility a: W03  
Latitude m: 35.266344  
Longitude : -77.592164  
Availavili: A  
Well depth: 365  
Well dep 1: FT  
Owner name: CITY OF KINSTON  
Site id: NC2000000002813

**A4**  
**NW**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS USGS40000885949**

|                             |  |                          |              |
|-----------------------------|--|--------------------------|--------------|
| Org. Identifier:            | USGS-NC  |                          |              |
| Formal name:                | USGS North Carolina Water Science Center       |                          |              |
| Monloc Identifier:          | USGS-351557077354202                           |                          |              |
| Monloc name:                | LN-052 CITY OF KINSTON (WELL 2)                |                          |              |
| Monloc type:                | Well   |                          |              |
| Monloc desc:                | Not Reported                                   |                          |              |
| Huc code:                   | 03020202                                       | Drainagearea value:      | Not Reported |
| Drainagearea Units:         | Not Reported                                   | Contrib drainagearea:    | Not Reported |
| Contrib drainagearea units: | Not Reported                                   | Latitude:                | 35.2662745   |
| Longitude:                  | -77.5924692                                    | Sourcemap scale:         | 24000        |
| Horiz Acc measure:          | 5  | Horiz Acc measure units: | seconds      |
| Horiz Collection method:    | Interpolated from map                          |                          |              |
| Horiz coord refsys:         | NAD83  | Vert measure val:        | 42           |
| Vert measure units:         | feet   | Vertacc measure val:     | 3            |
| Vert accmeasure units:      | feet   |                          |              |
| Vertcollection method:      | Interpolated from topographic map              |                          |              |
| Vert coord refsys:          | NGVD29   | Countrycode:             | US           |
| Aquifername:                | Northern Atlantic Coastal Plain aquifer system |                          |              |
| Formation type:             | Black Creek Aquifer                            |                          |              |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                       |              |                 |              |
|-----------------------|--------------|-----------------|--------------|
| Aquifer type:         | Not Reported | Welldepth:      | 370          |
| Construction date:    | Not Reported | Wellholeddepth: | Not Reported |
| Welldepth units:      | ft           |                 |              |
| Wellholeddepth units: | Not Reported |                 |              |

Ground-water levels, Number of Measurements: 0

5

West

1/8 - 1/4 Mile

Lower

FED USGS

USGS40000885950

|                             |  |                          |              |
|-----------------------------|--|--------------------------|--------------|
| Org. Identifier:            | USGS-NC  |                          |              |
| Formal name:                | USGS North Carolina Water Science Center       |                          |              |
| Monloc Identifier:          | USGS-351557077354203                           |                          |              |
| Monloc name:                | LN-053 CITY OF KINSTON (WELL 3)                |                          |              |
| Monloc type:                | Well   |                          |              |
| Monloc desc:                | Not Reported                                   |                          |              |
| Huc code:                   | 03020202                                       | Drainagearea value:      | Not Reported |
| Drainagearea Units:         | Not Reported                                   | Contrib drainagearea:    | Not Reported |
| Contrib drainagearea units: | Not Reported                                   | Latitude:                | 35.2648856   |
| Longitude:                  | -77.5938581                                    | Sourcemap scale:         | 24000        |
| Horiz Acc measure:          | 5  | Horiz Acc measure units: | seconds      |
| Horiz Collection method:    | Interpolated from map                          |                          |              |
| Horiz coord refsyz:         | NAD83  | Vert measure val:        | 36           |
| Vert measure units:         | feet   | Vertacc measure val:     | 3            |
| Vert accmeasure units:      | feet   |                          |              |
| Vertcollection method:      | Interpolated from topographic map              |                          |              |
| Vert coord refsyz:          | NGVD29   | Countrycode:             | US           |
| Aquifername:                | Northern Atlantic Coastal Plain aquifer system |                          |              |
| Formation type:             | Black Creek Aquifer                            |                          |              |
| Aquifer type:               | Not Reported                                   |                          |              |
| Construction date:          | Not Reported                                   | Welldepth:               | 375          |
| Welldepth units:            | ft   | Wellholeddepth:          | Not Reported |
| Wellholeddepth units:       | Not Reported                                   |                          |              |

Ground-water levels, Number of Measurements: 1

| Date | Feet below<br>Surface | Feet to<br>Sealevel |
|------|-----------------------|---------------------|
| 1975 | 90.5                  |                     |

6

ENE

1/4 - 1/2 Mile

Lower

FRDS PWS

NC0454010

|                  |                  |               |                     |
|------------------|------------------|---------------|---------------------|
| Epa region:      | 04               | State:        | NC                  |
| Pwsid:           | NC0454010        |               |                     |
| Pwsname:         | KINSTON, CITY OF |               |                     |
| City served:     | Not Reported     | State served: | NC                  |
| Zip served:      | Not Reported     | Fips county:  | 37107               |
| Status:          | Active           | Pop srvd:     | 27475               |
| Pwssvconn:       | 10591            | Source:       | Purch_surface_water |
| Pws type:        | CWS              | Owner:        | Local_Govt          |
| Contact:         | PITTMAN, JOEY    |               |                     |
| Contacto r name: | PITTMAN, JOEY    |               |                     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                   |                                    |                   |            |
|-------------------|------------------------------------|-------------------|------------|
| Contact phone:    | 252-939-3282                       | Contact address1: | PO BOX 339 |
| Contact address2: | PUBLIC SERVICES DEPT WATER RES DIV | Contact address2: | KINSTON    |
| Contact state:    | NC                                 | Contact zip:      | 28504      |
| Activity code:    | A                                  |                   |            |

|                |                                       |                    |                       |
|----------------|---------------------------------------|--------------------|-----------------------|
| Facid:         | 8650                                  |                    |                       |
| Facname:       | TREATMENT_PLT_WELLS #1 & 3 MANNING ST |                    |                       |
| Facility type: | Treatment_plant                       | Activity code:     | A                     |
| Treatment obj: | disinfection                          | Treatment process: | chloramines           |
| Treatment obj: | disinfection                          | Treatment process: | hypochlorination, pre |

|                |                               |                    |                       |
|----------------|-------------------------------|--------------------|-----------------------|
| Facid:         | 8651                          |                    |                       |
| Facname:       | TREATMENT_PLT_EAST ST/WELL #4 |                    |                       |
| Facility type: | Treatment_plant               | Activity code:     | A                     |
| Treatment obj: | disinfection                  | Treatment process: | hypochlorination, pre |
| Treatment obj: | disinfection                  | Treatment process: | chloramines           |

|                |                               |                    |                       |
|----------------|-------------------------------|--------------------|-----------------------|
| Facid:         | 8653                          |                    |                       |
| Facname:       | TREATMENT_PLT_OLD WELL RD/W#5 |                    |                       |
| Facility type: | Treatment_plant               | Activity code:     | A                     |
| Treatment obj: | disinfection                  | Treatment process: | chloramines           |
| Treatment obj: | disinfection                  | Treatment process: | hypochlorination, pre |

|                |                               |                    |                       |
|----------------|-------------------------------|--------------------|-----------------------|
| Facid:         | 8654                          |                    |                       |
| Facname:       | TREATMENT_PLT_ALEX ST/WELL #6 |                    |                       |
| Facility type: | Treatment_plant               | Activity code:     | A                     |
| Treatment obj: | disinfection                  | Treatment process: | chloramines           |
| Treatment obj: | disinfection                  | Treatment process: | hypochlorination, pre |

|                |                              |                    |                       |
|----------------|------------------------------|--------------------|-----------------------|
| Facid:         | 8655                         |                    |                       |
| Facname:       | TREATMENT_PLT_MARKET/WELL #7 |                    |                       |
| Facility type: | Treatment_plant              | Activity code:     | A                     |
| Treatment obj: | disinfection                 | Treatment process: | chloramines           |
| Treatment obj: | disinfection                 | Treatment process: | hypochlorination, pre |

|                |                             |                    |                       |
|----------------|-----------------------------|--------------------|-----------------------|
| Facid:         | 8656                        |                    |                       |
| Facname:       | TREATMENT_PLT_NEUSE/WELL #8 |                    |                       |
| Facility type: | Treatment_plant             | Activity code:     | A                     |
| Treatment obj: | disinfection                | Treatment process: | chloramines           |
| Treatment obj: | disinfection                | Treatment process: | hypochlorination, pre |

|                |                              |                    |                       |
|----------------|------------------------------|--------------------|-----------------------|
| Facid:         | 8657                         |                    |                       |
| Facname:       | TREATMENT_PLT_CUNNINGHAM/W#9 |                    |                       |
| Facility type: | Treatment_plant              | Activity code:     | A                     |
| Treatment obj: | disinfection                 | Treatment process: | chloramines           |
| Treatment obj: | disinfection                 | Treatment process: | hypochlorination, pre |

|                |                               |                    |                           |
|----------------|-------------------------------|--------------------|---------------------------|
| Facid:         | 8658                          |                    |                           |
| Facname:       | TREATMENT_PLT_AIRPORT/WELL#10 |                    |                           |
| Facility type: | Treatment_plant               | Activity code:     | I                         |
| Treatment obj: | disinfection                  | Treatment process: | gaseous chlorination, pre |
| Treatment obj: | other                         | Treatment process: | fluoridation              |

|                |                              |                    |             |
|----------------|------------------------------|--------------------|-------------|
| Facid:         | 8659                         |                    |             |
| Facname:       | TREATMENT_PLT_DARDEN/WELL#11 |                    |             |
| Facility type: | Treatment_plant              | Activity code:     | A           |
| Treatment obj: | disinfection                 | Treatment process: | chloramines |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                       |                                    |                    |                       |
|-----------------------|------------------------------------|--------------------|-----------------------|
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8660                               |                    |                       |
| Facname:              | TREATMENT_PLT_GRAY TILGH/W#12      |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8661                               |                    |                       |
| Facname:              | TREATMENT_PLT_SR 1546/WELL#13      |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8662                               |                    |                       |
| Facname:              | TREATMENT_PLT_WCI HWY 70/W#14      |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8663                               |                    |                       |
| Facname:              | TREATMENT_PLT_EASTWOOD DR/WELL#16  |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8664                               |                    |                       |
| Facname:              | TREATMENT_PLT_KELLY RD/W #18       |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8665                               |                    |                       |
| Facname:              | TREATMENT_PLT_HICKORY HL/W#20      |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Facid:                | 8666                               |                    |                       |
| Facname:              | TREATMENT_PLT_TOWER HILL/W#21      |                    |                       |
| Facility type:        | Treatment_plant                    | Activity code:     | A                     |
| Treatment obj:        | disinfection                       | Treatment process: | chloramines           |
| Treatment obj:        | disinfection                       | Treatment process: | hypochlorination, pre |
| Treatment obj:        | iron removal                       | Treatment process: | not reported          |
| Location Information: |                                    |                    |                       |
| Name:                 | KINSTON, CITY OF                   |                    |                       |
| Pwstypcd:             | CWS                                | Prmsrccd:          | SWP                   |
| Popservcd:            | 27475                              |                    |                       |
| Add1:                 | PO BOX 339                         |                    |                       |
| Add2:                 | PUBLIC SERVICES DEPT WATER RES DIV |                    |                       |
| City:                 | KINSTON                            | State:             | NC                    |
| Zip:                  | 28504                              | Phone:             | 252-939-3282          |
| Cityserv:             | KINSTON                            | Cntyserv:          | Lenoir                |
| Stateserv:            | NC                                 | Zipserv:           | Not Reported          |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 805                    | Orig cd:      | S          |
| Enf fy:         | 2005                   | Enf act date: | 04/14/2005 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 805                  | Orig cd:      | S          |
| Enf fy:         | 2005                 | Enf act date: | 01/05/2005 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                          |               |            |
|-----------------|--------------------------|---------------|------------|
| Violation id:   | 805                      | Orig cd:      | S          |
| Enf fy:         | 2005                     | Enf act date: | 01/05/2005 |
| Enf act detail: | St Public Notif received | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 805                       | Orig cd:      | S          |
| Enf fy:         | 2005                      | Enf act date: | 01/05/2005 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 703                  | Orig cd:      | S          |
| Enf fy:         | 2003                 | Enf act date: | 10/21/2002 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 703                    | Orig cd:      | S          |
| Enf fy:         | 2003                   | Enf act date: | 10/28/2002 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 703                       | Orig cd:      | S          |
| Enf fy:         | 2003                      | Enf act date: | 10/21/2002 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 602                       | Orig cd:      | S          |
| Enf fy:         | 2002                      | Enf act date: | 02/11/2002 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 602                  | Orig cd:      | S          |
| Enf fy:         | 2002                 | Enf act date: | 02/11/2002 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 602                    | Orig cd:      | S          |
| Enf fy:         | 2001                   | Enf act date: | 01/14/2001 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

Enforcement Information:

|                 |                      |               |            |
|-----------------|----------------------|---------------|------------|
| Violation id:   | 501                  | Orig cd:      | S          |
| Enf fy:         | 2001                 | Enf act date: | 12/29/2000 |
| Enf act detail: | St Formal NOV issued | Enf act cat:  | Informal   |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### Enforcement Information:

|                 |                           |               |            |
|-----------------|---------------------------|---------------|------------|
| Violation id:   | 501                       | Orig cd:      | S          |
| Enf fy:         | 2001                      | Enf act date: | 12/29/2000 |
| Enf act detail: | St Public Notif requested | Enf act cat:  | Informal   |

### Enforcement Information:

|                 |                        |               |            |
|-----------------|------------------------|---------------|------------|
| Violation id:   | 501                    | Orig cd:      | S          |
| Enf fy:         | 2001                   | Enf act date: | 01/14/2001 |
| Enf act detail: | St Compliance achieved | Enf act cat:  | Resolving  |

### Violations Information:

|               |              |             |            |
|---------------|--------------|-------------|------------|
| Violation id: | 805          | Orig cd:    | S          |
| State:        | NC           | Viol fy:    | 2004       |
| Contamcd:     | 1094         |             |            |
| Contamnm:     | Asbestos     |             |            |
| Viol code:    | 02           |             |            |
| Viol name:    | MCL, Average |             |            |
| Rule code:    | 333          |             |            |
| Rule name:    | Other IOC    |             |            |
| Violmeasur:   | 29.3         | Unitmeasur: | MFL        |
| State mcl:    | 7            | Cmpbdt:     | 10/01/2004 |
| Cmpedt:       | 12/31/2004   |             |            |

### Violations Information:

|               |                                |             |              |
|---------------|--------------------------------|-------------|--------------|
| Violation id: | 703                            | Orig cd:    | S            |
| State:        | NC                             | Viol fy:    | 2002         |
| Contamcd:     | 7000                           |             |              |
| Contamnm:     | Consumer Confidence Rule       |             |              |
| Viol code:    | 71                             |             |              |
| Viol name:    | CCR Complete Failure to Report |             |              |
| Rule code:    | 420                            |             |              |
| Rule name:    | CCR                            |             |              |
| Violmeasur:   | Not Reported                   | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported                   | Cmpbdt:     | 07/01/2002   |
| Cmpedt:       | Not Reported                   |             |              |

### Violations Information:

|               |                     |             |              |
|---------------|---------------------|-------------|--------------|
| Violation id: | 602                 | Orig cd:    | S            |
| State:        | NC                  | Viol fy:    | 2000         |
| Contamcd:     | 1041                |             |              |
| Contamnm:     | Nitrite             |             |              |
| Viol code:    | 03                  |             |              |
| Viol name:    | Monitoring, Regular |             |              |
| Rule code:    | 331                 |             |              |
| Rule name:    | Nitrates            |             |              |
| Violmeasur:   | Not Reported        | Unitmeasur: | Not Reported |
| State mcl:    | Not Reported        | Cmpbdt:     | 01/01/2000   |
| Cmpedt:       | 12/31/2000          |             |              |

|                 |   |                                |
|-----------------|---|--------------------------------|
| PWS ID:         | NC0454010   |                                |
| Date Initiated: | Not Reported  | Date Deactivated: Not Reported |
| PWS Name:       | KINSTON, CITY OF<br>2360 HWY 258 SOUTH<br>KINSTON, NC 28501 |                                |

Addressee / Facility: System Owner/Responsible Party  
HAROLD HERRING OR W&S DIRECTOR  
PO DRAWER 339  
KINSTON, NC 28501

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility: System Owner/Responsible Party  
CITY OF KINSTON  
PO DRAWER 339  
KINSTON, NC 28501

Facility Latitude: 35 16 0.0000  
City Served: KINSTON  
Treatment Class: Treated

Facility Longitude: 77 35 10.0000  
Population: 25295

Violations information not reported.

### ENFORCEMENT INFORMATION:

|             |                           |              |                   |
|-------------|---------------------------|--------------|-------------------|
| Truedate:   | 03/31/2009                | Pwsid:       | NC0454010         |
| Pwsname:    | KINSTON, CITY OF          | Pwstypecod:  | C                 |
| Retpopsrvd: | 27948                     | Contaminant: | NITRITE           |
| Void:       | 602                       |              |                   |
| Viol. Type: | 3                         |              |                   |
| Complperbe: | 1/1/2000 0:00:00          |              |                   |
| Complperen: | 12/31/2000 0:00:00        | Enfdate:     | 1/14/2001 0:00:00 |
| Enf action: | State Compliance Achieved |              |                   |
| Violmeasur: | Not Reported              |              |                   |

|             |                         |              |                   |
|-------------|-------------------------|--------------|-------------------|
| Truedate:   | 03/31/2009              | Pwsid:       | NC0454010         |
| Pwsname:    | KINSTON, CITY OF        | Pwstypecod:  | C                 |
| Retpopsrvd: | 27948                   | Contaminant: | NITRITE           |
| Void:       | 602                     |              |                   |
| Viol. Type: | 3                       |              |                   |
| Complperbe: | 1/1/2000 0:00:00        |              |                   |
| Complperen: | 12/31/2000 0:00:00      | Enfdate:     | 2/11/2002 0:00:00 |
| Enf action: | State Formal NOV Issued |              |                   |
| Violmeasur: | Not Reported            |              |                   |

|             |                              |              |                   |
|-------------|------------------------------|--------------|-------------------|
| Truedate:   | 03/31/2009                   | Pwsid:       | NC0454010         |
| Pwsname:    | KINSTON, CITY OF             | Pwstypecod:  | C                 |
| Retpopsrvd: | 27948                        | Contaminant: | NITRITE           |
| Void:       | 602                          |              |                   |
| Viol. Type: | 3                            |              |                   |
| Complperbe: | 1/1/2000 0:00:00             |              |                   |
| Complperen: | 12/31/2000 0:00:00           | Enfdate:     | 2/11/2002 0:00:00 |
| Enf action: | State Public Notif Requested |              |                   |
| Violmeasur: | Not Reported                 |              |                   |

|             |                                |              |                    |
|-------------|--------------------------------|--------------|--------------------|
| Truedate:   | 03/31/2009                     | Pwsid:       | NC0454010          |
| Pwsname:    | KINSTON, CITY OF               | Pwstypecod:  | C                  |
| Retpopsrvd: | 27948                          | Contaminant: | 7000               |
| Void:       | 703                            |              |                    |
| Viol. Type: | CCR Complete Failure to Report |              |                    |
| Complperbe: | 7/1/2002 0:00:00               |              |                    |
| Complperen: | 10/28/2002 0:00:00             | Enfdate:     | 10/21/2002 0:00:00 |
| Enf action: | State Formal NOV Issued        |              |                    |
| Violmeasur: | Not Reported                   |              |                    |

|             |                                |              |                    |
|-------------|--------------------------------|--------------|--------------------|
| Truedate:   | 03/31/2009                     | Pwsid:       | NC0454010          |
| Pwsname:    | KINSTON, CITY OF               | Pwstypecod:  | C                  |
| Retpopsrvd: | 27948                          | Contaminant: | 7000               |
| Void:       | 703                            |              |                    |
| Viol. Type: | CCR Complete Failure to Report |              |                    |
| Complperbe: | 7/1/2002 0:00:00               |              |                    |
| Complperen: | 10/28/2002 0:00:00             | Enfdate:     | 10/21/2002 0:00:00 |
| Enf action: | State Public Notif Requested   |              |                    |
| Violmeasur: | Not Reported                   |              |                    |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

|                    |                                       |              |                         |
|--------------------|---------------------------------------|--------------|-------------------------|
| Truedate:          | 03/31/2009                            | Pwsid:       | NC0454010               |
| Pwsname:           | KINSTON, CITY OF                      |              |                         |
| Retpopsrvd:        | 27948                                 | Pwstypecod:  | C                       |
| Void:              | 703                                   | Contaminant: | 7000                    |
| Viol. Type:        | CCR Complete Failure to Report        |              |                         |
| Complperbe:        | 7/1/2002 0:00:00                      |              |                         |
| Complperen:        | 10/28/2002 0:00:00                    | Enfdate:     | 10/28/2002 0:00:00      |
| Enf action:        | State Compliance Achieved             |              |                         |
| Violmeasur:        | Not Reported                          |              |                         |
|                    |                                       |              |                         |
| Truedate:          | 03/31/2009                            | Pwsid:       | NC0454010               |
| Pwsname:           | KINSTON, CITY OF                      |              |                         |
| Retpopsrvd:        | 27948                                 | Pwstypecod:  | C                       |
| Void:              | 805                                   | Contaminant: | ASBESTOS                |
| Viol. Type:        | 2                                     |              |                         |
| Complperbe:        | 10/1/2004 0:00:00                     |              |                         |
| Complperen:        | 12/31/2004 0:00:00                    | Enfdate:     | 1/5/2005 0:00:00        |
| Enf action:        | State Formal NOV Issued               |              |                         |
| Violmeasur:        | 29.3                                  |              |                         |
|                    |                                       |              |                         |
| Truedate:          | 03/31/2009                            | Pwsid:       | NC0454010               |
| Pwsname:           | KINSTON, CITY OF                      |              |                         |
| Retpopsrvd:        | 27948                                 | Pwstypecod:  | C                       |
| Void:              | 805                                   | Contaminant: | ASBESTOS                |
| Viol. Type:        | 2                                     |              |                         |
| Complperbe:        | 10/1/2004 0:00:00                     |              |                         |
| Complperen:        | 12/31/2004 0:00:00                    | Enfdate:     | 1/5/2005 0:00:00        |
| Enf action:        | State Public Notif Requested          |              |                         |
| Violmeasur:        | 29.3                                  |              |                         |
|                    |                                       |              |                         |
| Truedate:          | 03/31/2009                            | Pwsid:       | NC0454010               |
| Pwsname:           | KINSTON, CITY OF                      |              |                         |
| Retpopsrvd:        | 27948                                 | Pwstypecod:  | C                       |
| Void:              | 805                                   | Contaminant: | ASBESTOS                |
| Viol. Type:        | 2                                     |              |                         |
| Complperbe:        | 10/1/2004 0:00:00                     |              |                         |
| Complperen:        | 12/31/2004 0:00:00                    | Enfdate:     | 1/5/2005 0:00:00        |
| Enf action:        | State Public Notif Received           |              |                         |
| Violmeasur:        | 29.3                                  |              |                         |
|                    |                                       |              |                         |
| Truedate:          | 03/31/2009                            | Pwsid:       | NC0454010               |
| Pwsname:           | KINSTON, CITY OF                      |              |                         |
| Retpopsrvd:        | 27948                                 | Pwstypecod:  | C                       |
| Void:              | 805                                   | Contaminant: | ASBESTOS                |
| Viol. Type:        | 2                                     |              |                         |
| Complperbe:        | 10/1/2004 0:00:00                     |              |                         |
| Complperen:        | 12/31/2004 0:00:00                    | Enfdate:     | 4/14/2005 0:00:00       |
| Enf action:        | State Compliance Achieved             |              |                         |
| Violmeasur:        | 29.3                                  |              |                         |
|                    |                                       |              |                         |
| System Name:       | KINSTON, CITY OF                      |              |                         |
| Violation Type:    | 3                                     |              |                         |
| Contaminant:       | NITRITE                               |              |                         |
| Compliance Period: | 1/1/2000 0:00:00 - 12/31/2000 0:00:00 |              |                         |
| Violation ID:      | 602                                   |              |                         |
| Enforcement Date:  | 2/11/2002 0:00:00                     | Enf. Action: | State Formal NOV Issued |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### ENFORCEMENT INFORMATION:

|                    |                                       |              |                              |
|--------------------|---------------------------------------|--------------|------------------------------|
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | 3                                     |              |                              |
| Contaminant:       | NITRITE                               |              |                              |
| Compliance Period: | 1/1/2000 0:00:00 - 12/31/2000 0:00:00 |              |                              |
| Violation ID:      | 602                                   |              |                              |
| Enforcement Date:  | 2/11/2002 0:00:00                     | Enf. Action: | State Public Notif Requested |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | 3                                     |              |                              |
| Contaminant:       | NITRITE                               |              |                              |
| Compliance Period: | 1/1/2000 0:00:00 - 12/31/2000 0:00:00 |              |                              |
| Violation ID:      | 602                                   |              |                              |
| Enforcement Date:  | 1/14/2001 0:00:00                     | Enf. Action: | State Compliance Achieved    |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | 3                                     |              |                              |
| Contaminant:       | NITRITE                               |              |                              |
| Compliance Period: | 1/1/2000 0:00:00 - 12/31/2000 0:00:00 |              |                              |
| Violation ID:      | 602                                   |              |                              |
| Enforcement Date:  | 2/11/2002 0:00:00                     | Enf. Action: | State Public Notif Requested |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | 3                                     |              |                              |
| Contaminant:       | NITRITE                               |              |                              |
| Compliance Period: | 1/1/2000 0:00:00 - 12/31/2000 0:00:00 |              |                              |
| Violation ID:      | 602                                   |              |                              |
| Enforcement Date:  | 2/11/2002 0:00:00                     | Enf. Action: | State Formal NOV Issued      |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | CCR Complete Failure to Report        |              |                              |
| Contaminant:       | 7000                                  |              |                              |
| Compliance Period: | 7/1/2002 0:00:00 - 10/28/2002 0:00:00 |              |                              |
| Violation ID:      | 703                                   |              |                              |
| Enforcement Date:  | 10/21/2002 0:00:00                    | Enf. Action: | State Formal NOV Issued      |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | CCR Complete Failure to Report        |              |                              |
| Contaminant:       | 7000                                  |              |                              |
| Compliance Period: | 7/1/2002 0:00:00 - 10/28/2002 0:00:00 |              |                              |
| Violation ID:      | 703                                   |              |                              |
| Enforcement Date:  | 10/21/2002 0:00:00                    | Enf. Action: | State Formal NOV Issued      |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | CCR Complete Failure to Report        |              |                              |
| Contaminant:       | 7000                                  |              |                              |
| Compliance Period: | 7/1/2002 0:00:00 - 10/28/2002 0:00:00 |              |                              |
| Violation ID:      | 703                                   |              |                              |
| Enforcement Date:  | 10/21/2002 0:00:00                    | Enf. Action: | State Public Notif Requested |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | CCR Complete Failure to Report        |              |                              |
| Contaminant:       | 7000                                  |              |                              |
| Compliance Period: | 7/1/2002 0:00:00 - 10/28/2002 0:00:00 |              |                              |
| Violation ID:      | 703                                   |              |                              |
| Enforcement Date:  | 10/28/2002 0:00:00                    | Enf. Action: | State Compliance Achieved    |
|                    |                                       |              |                              |
| System Name:       | KINSTON, CITY OF                      |              |                              |
| Violation Type:    | CCR Complete Failure to Report        |              |                              |
| Contaminant:       | 7000                                  |              |                              |
| Compliance Period: | 7/1/2002 0:00:00 - 10/28/2002 0:00:00 |              |                              |
| Violation ID:      | 703                                   |              |                              |
| Enforcement Date:  | 10/28/2002 0:00:00                    | Enf. Action: | State Compliance Achieved    |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### ENFORCEMENT INFORMATION:

|                    |  |              |                              |
|--------------------|--|--------------|------------------------------|
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | CCR Complete Failure to Report         |              |                              |
| Contaminant:       | 7000                                   |              |                              |
| Compliance Period: | 7/1/2002 0:00:00 - 10/28/2002 0:00:00  |              |                              |
| Violation ID:      | 703                                    |              |                              |
| Enforcement Date:  | 10/21/2002 0:00:00                     | Enf. Action: | State Public Notif Requested |
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | 2                                      |              |                              |
| Contaminant:       | ASBESTOS                               |              |                              |
| Compliance Period: | 10/1/2004 0:00:00 - 12/31/2004 0:00:00 |              |                              |
| Violation ID:      | 805                                    |              |                              |
| Enforcement Date:  | 1/5/2005 0:00:00                       | Enf. Action: | State Public Notif Received  |
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | 2                                      |              |                              |
| Contaminant:       | ASBESTOS                               |              |                              |
| Compliance Period: | 10/1/2004 0:00:00 - 12/31/2004 0:00:00 |              |                              |
| Violation ID:      | 805                                    |              |                              |
| Enforcement Date:  | 1/5/2005 0:00:00                       | Enf. Action: | State Public Notif Requested |
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | 2                                      |              |                              |
| Contaminant:       | ASBESTOS                               |              |                              |
| Compliance Period: | 10/1/2004 0:00:00 - 12/31/2004 0:00:00 |              |                              |
| Violation ID:      | 805                                    |              |                              |
| Enforcement Date:  | 1/5/2005 0:00:00                       | Enf. Action: | State Formal NOV Issued      |
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | 2                                      |              |                              |
| Contaminant:       | ASBESTOS                               |              |                              |
| Compliance Period: | 10/1/2004 0:00:00 - 12/31/2004 0:00:00 |              |                              |
| Violation ID:      | 805                                    |              |                              |
| Enforcement Date:  | 1/5/2005 0:00:00                       | Enf. Action: | State Public Notif Received  |
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | 2                                      |              |                              |
| Contaminant:       | ASBESTOS                               |              |                              |
| Compliance Period: | 10/1/2004 0:00:00 - 12/31/2004 0:00:00 |              |                              |
| Violation ID:      | 805                                    |              |                              |
| Enforcement Date:  | 1/5/2005 0:00:00                       | Enf. Action: | State Public Notif Requested |
| System Name:       | KINSTON, CITY OF                       |              |                              |
| Violation Type:    | 2                                      |              |                              |
| Contaminant:       | ASBESTOS                               |              |                              |
| Compliance Period: | 10/1/2004 0:00:00 - 12/31/2004 0:00:00 |              |                              |
| Violation ID:      | 805                                    |              |                              |
| Enforcement Date:  | 1/5/2005 0:00:00                       | Enf. Action: | State Formal NOV Issued      |

### CONTACT INFORMATION:

|            |   |             |              |
|------------|---|-------------|--------------|
| Name:      | KINSTON, CITY OF                        | Population: | 27948        |
| Contact:   | PITTMAN, JOEY                           | Phone:      | 252-939-3286 |
| Address:   | PO BOX 339                              |             |              |
| Address 2: | PUBLIC UTILITIES DEPT WATER RES DIV B17 |             |              |
|            | KINSTON, NC 28501                       |             |              |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**7**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**NC WELLS NC2000000002728**

Pwsidentif: NC0454401  
System nam: TABERNACLE FWB CHURCH  
Pws type: NC  
County: LENOIR  
City: KINSTON  
Primary so: GW  
Water type: GW  
Facility n: WELL #1  
Facility a: W01  
Latitude m: 35.251791  
Longitude : -77.596203  
Availavili: A  
Well depth: 0  
Well dep 1: Not Reported  
Owner name: TABERNACLE FWB CHURCH\_454401  
Site id: NC2000000002728

**B8**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000886004**

Org. Identifier: USGS-NC  
Formal name: USGS North Carolina Water Science Center  
Monloc Identifier: USGS-351613077343001  
Monloc name: LN-057 CITY OF KINSTON (WELL 4)  
Monloc type: Well  
Monloc desc: Not Reported  
Huc code: 03020202 Drainagearea value: Not Reported  
Drainagearea Units: Not Reported Contrib drainagearea: Not Reported  
Contrib drainagearea units: Not Reported Latitude: 35.2723856  
Longitude: -77.575524 Sourcemap scale: 24000  
Horiz Acc measure: 1 Horiz Acc measure units: seconds  
Horiz Collection method: Interpolated from map  
Horiz coord refsys: NAD83 Vert measure val: 80  
Vert measure units: feet Vertacc measure val: 1  
Vert accmeasure units: feet  
Vertcollection method: Interpolated from topographic map  
Vert coord refsys: NGVD29 Countrycode: US  
Aquifername: Northern Atlantic Coastal Plain aquifer system  
Formation type: Cretaceous Middle Aq Unit (Black Creek & cape Fear Fms)  
Aquifer type: Not Reported  
Construction date: 19490900 Welldepth: 505  
Welldepth units: ft Wellholeddepth: 552  
Wellholeddepth units: ft

Ground-water levels, Number of Measurements: 1

| Date | Feet below<br>Surface | Feet to<br>Sealevel |
|------|-----------------------|---------------------|
| 1975 | 134                   |                     |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database

EDR ID Number

**B9**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

NC WELLS

NC2000000002843

Pwsidentif: NC0454010  
System nam: KINSTON, CITY OF  
Pws type: C  
County: LENOIR  
City: KINSTON  
Primary so: SWP  
Water type: GW  
Facility n: EAST ST/WELL #4  
Facility a: W04  
Latitude m: 35.272019  
Longitude : -77.57525  
Availavili: A  
Well depth: 520  
Well dep 1: FT  
Owner name: CITY OF KINSTON  
Site id: NC2000000002843

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

GIS ID: 302081  
Classification by Type: Animal  
Occurrence Status: Extant

NC\_NHEO NC50003145

GIS ID: 661361  
Classification by Type: Animal  
Occurrence Status: Extant

NC\_NHEO NC50008466

# 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 |
|-------------|-----------|-----------|-----------|
| 1           | 0.30      | 0.3       | 0.3       |
| 2           | 1.15      | 0.8       | 1.5       |

Federal EPA Radon Zone for LENOIR County: 3

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

Federal Area Radon Information for Zip Code: 28501

Number of sites tested: 2

| Area                    | Average Activity | % <4 pCi/L   | % 4-20 pCi/L | % >20 pCi/L  |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | 0.250 pCi/L      | 100%         | 0%           | 0%           |
| Living Area - 2nd Floor | Not Reported     | Not Reported | Not Reported | Not Reported |
| Basement                | Not Reported     | Not Reported | Not Reported | Not Reported |

# 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

### 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 15.6**

### **Interview Documentation**

# USER QUESTIONNAIRE (Page 1 of 2)

Site Name Former Glen Raven Mill, 800 Manning Street, Kinston, NC Proposal # R2611.00 T4050

In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments), **the user (buyer) of the Phase I Environmental Site Assessment (PESA)** must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that the PESA is not complete. Use this form and/or additional sheets as necessary to provide the requested information.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
2. Are you aware of any activity or land use limitations, 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?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
3. As the user of this PESA 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/or processes used by current or former businesses at this site or nearby sites?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?  
Yes X No \_\_\_\_\_ Comment \_\_\_\_\_
5. 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, as user,
  - a. Do you know the past uses of the property?  
Yes X No \_\_\_\_\_ Comment Spinning/Cotton Production
  - b. Do you know of specific chemicals that are present or once were present at the property?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
  - c. Do you know of spills or other chemical releases that have taken place at the property?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
  - d. Do you know of any environmental cleanups that have taken place at the property?  
Yes \_\_\_\_\_ No X Comment None to my knowledge

## USER QUESTIONNAIRE (Page 2 of 2)

Site Name Former Glen Raven Mill, 800 Manning Street, Kinston, NC Proposal # R2611.00 T4050

6. As the user of this PESA, 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?

Yes \_\_\_\_\_ No X Comment \_\_\_\_\_

7. Are any of the following documents available for the property and if so can they be provided to Mid-Atlantic within reasonable time and cost constraints?

- Previous site assessment reports
- Environmental compliance audit reports
- Environmental permits (solid waste, hazardous waste, wastewater, NPDES, underground injection)
- UST or AST registrations or permits
- Underground injection system registrations
- Material safety data sheets (MSDS)
- Community right-to-know plans
- Safety plans
- Spill Prevention Control and Countermeasure Plans
- Hydrogeologic reports on property or surrounding properties
- Correspondence from governmental agencies regarding past or current violations of environmental laws with respect to the property or relating to environmental liens
- Hazardous waste generator notices or reports
- Geotechnical reports
- Risk assessments
- Recorded legal or physical restrictions or limitations on the use of or access to the property

Yes \_\_\_\_\_ No X Comment Not to my knowledge

8. Do you know of any a) pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the property; b) pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and c) notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes \_\_\_\_\_ No X Comment \_\_\_\_\_

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name and Title: Adam Short, Planning Director Date: 12/28/15

Company Name: City of Kinston



## USER QUESTIONNAIRE (Page 1 of 2)

Site Name Former Glen Raven Mill, 800 Manning Street, Kinston, NC Proposal # R2611.00 T4050

In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments), the user (buyer) of the Phase I Environmental Site Assessment (PESA) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that the PESA is not complete. Use this form and/or additional sheets as necessary to provide the requested information.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
2. Are you aware of any activity or land use limitations, 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?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
3. As the user of this PESA 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/or processes used by current or former businesses at this site or nearby sites?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
5. 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, as user,
  - a. Do you know the past uses of the property?  
Yes X No \_\_\_\_\_ Comment Textile Spinning Mill
  - b. Do you know of specific chemicals that are present or once were present at the property?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
  - c. Do you know of spills or other chemical releases that have taken place at the property?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_
  - d. Do you know of any environmental cleanups that have taken place at the property?  
Yes \_\_\_\_\_ No X Comment \_\_\_\_\_



## USER QUESTIONNAIRE (Page 2 of 2)

Site Name Former Glen Raven Mill, 800 Manning Street, Kinston, NC Proposal # R2611.00 T4050

6. As the user of this PESA, 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?

Yes \_\_\_\_\_ No X Comment \_\_\_\_\_

7. Are any of the following documents available for the property and if so can they be provided to Mid-Atlantic within reasonable time and cost constraints?

- Previous site assessment reports
- Environmental compliance audit reports
- Environmental permits (solid waste, hazardous waste, wastewater, NPDES, underground injection)
- UST or AST registrations or permits
- Underground injection system registrations
- Material safety data sheets (MSDS)
- Community right-to-know plans
- Safety plans
- Spill Prevention Control and Countermeasure Plans
- Hydrogeologic reports on property or surrounding properties
- Correspondence from governmental agencies regarding past or current violations of environmental laws with respect to the property or relating to environmental liens
- Hazardous waste generator notices or reports
- Geotechnical reports
- Risk assessments
- Recorded legal or physical restrictions or limitations on the use of or access to the property

Yes \_\_\_\_\_ No \_\_\_\_\_ Comment See Owner Ward McConnell

8. Do you know of any a) pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the property; b) pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and c) notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes \_\_\_\_\_ No X Comment \_\_\_\_\_

Additional Comments: \_\_\_\_\_

Name and Title: Adrian King - Executive Director Date: Dec. 8, 2015

Company Name: Pride of Kinston

**Appendix 15.7**

**Special Contractual Conditions**

**None**

## **Appendix 15.8**

### **Qualifications of the Environmental Professional(s)**

### **Darin M. McClure**

Darin McClure, a Principal and founder of Mid-Atlantic, has over 20 years of experience with a broad range of environmental-related projects. Mr. McClure has successfully managed a diverse mix of projects for a diverse group of clients. Mr. McClure specializes in soil/groundwater assessment and remediation, Brownfields redevelopment, and assisting facilities with compliance under a variety of regulatory programs (NPDES, Oil Spill Prevention, etc.). Mr. McClure is a licensed Professional Engineer in the states of North Carolina, Virginia, South Carolina, and Pennsylvania. Mr. McClure is considered an Environmental Professional as defined in 40 CFR Part 312 and ASTM E 1527-05.

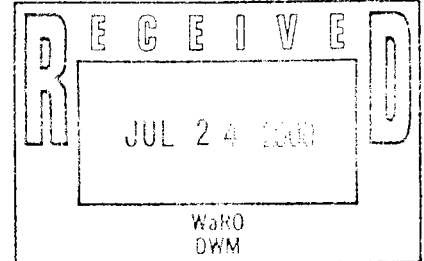
## **Appendix 15.9**

### **Additional Environmental Record Sources**

**OMNI PROFESSIONAL ENVIRONMENTAL ASSOCIATES, P.A.***A Certified Professional Engineering Corporation*

July 21, 2000

Scott Bullock  
Incident Coordinator  
North Carolina Department of Environment and Natural Resources  
Division of Waste Management  
Washington Regional Office  
943 Washington Square Mall  
Washington, NC 27889



Re: **Request for Site Closure**  
City of Kinston  
Manning Street Site  
North Carolina Incident No. 5493  
Lenoir County

*Clarence Lockamy  
PO Box 339  
Kinston 28501-0339*

Dear Mr. Bullock:

The City of Kinston is requesting site closure for the Site located at 900 Manning Street, Kinston, NC, 28502 (NC Incident # 5493). As of the First Quarter 2000, monitoring results for the on site monitoring wells have shown no contamination above the State standards given in 15A NCAC 2L (2L Standards), for four consecutive quarters. Previously, the City demonstrated four consecutive quarters of no contamination levels above the 2L standards while the remediation system was operational. (See Monitoring Only Plan Approval Letter in Appendix E.)

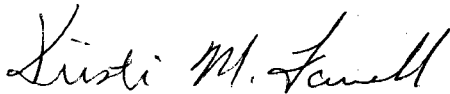
These results meet the requirements listed in "*Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater*" which states "Four consecutive quarters of data documenting no contamination above the 15A NCAC 2L standards while the remediation system is operational, **and** four consecutive quarters of data documenting no contamination above 15A NCAC 2L standards or interim standards after the remediation system has been shut down are required."

Since the data has shown the site does meet the requirements for site closure we are requesting a notice that no further action is required (NFA Letter) in accordance with 15A NCAC 2L .0115(k).

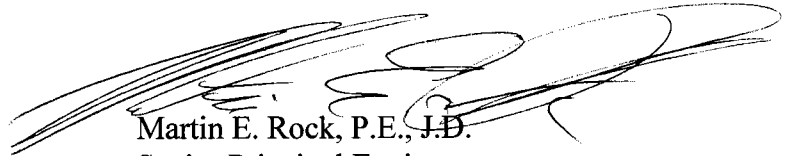
P.O. Box 13404 ■ Research Triangle Park, NC 27709  
Phone: (919) 544-5442 ■ Fax: (919) 544-5708  
e-mail: [omnipro@earthlink.net](mailto:omnipro@earthlink.net)

We appreciate your courtesy and cooperation in this matter. Should you have any questions or require additional information please contact us at your convenience.

Sincerely,



Kristi M. Farrell, E.I.T.  
Staff Engineer



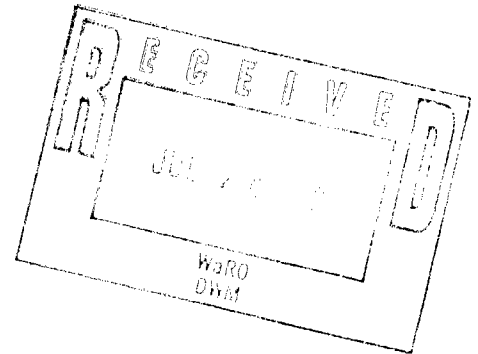
Martin E. Rock, P.E., J.D.  
Senior Principal Engineer

Attachment (Site Closure Report)

cc: Scott Stevens, P.E.  
Ramona C. O'Bryant, Esquire

**OMNI PROFESSIONAL ENVIRONMENTAL ASSOCIATES, P.A.**

*A Certified Professional Engineering Corporation*



**Site Closure Report**

**for**

**City of Kinston, Manning Street Site  
(Incident No. 5493)**

900 Manning Street  
Kinston, NC 28502

**OMNI** PROFESSIONAL  
ENVIRONMENTAL  
ASSOCIATES, P.A.

P.O. Box 13404  
Research Triangle Park, NC 27709

**Manning Street Site, City of Kinston**

900 Manning Street  
Kinston, NC 28502

Incident # 5493

Facility ID No. 0-013836

June 20, 2000

**Risk Classification:**

High Risk: 2 water supply wells within 250 ft of the contamination plume

**Land Use Category:**

Industrial

**Owner:**

City of Kinston  
P.O. Box 339  
Kinston, NC 28501

**Consultant:**

OMNI Professional Environmental Associates, P.A.  
P.O. Box 13404  
Research Triangle Park, NC 27709  
Phone: (919) 544-5442  
Fax: (919) 544-5708

**Release Information:**

Release Discovered January 1990  
Leak in an UST  
Two 4,000 gallon UST

**Longitude:**

77:33:30 W

**Latitude:**

35:17:28 N

## **Executive Summary**

On January 25, 1990, two 4,000-gallon gasoline underground storage tanks (USTs) were excavated and removed from the Manning Street Site by Halls Petroleum Company. During the removal of these tanks, a discolored layer, apparently composed of degraded petroleum product, was discovered in the bottom of the tank pit. When the apparent petroleum release was reported to NC DENR (formerly DEHNR), the agency issued a Notice of Violation (NOV). The NOV required removal and disposal of all contaminated soils, an assessment of the horizontal and vertical extent of groundwater contamination, and submittal of a Remedial Action Plan (RAP) to address treatment and/or disposal of all contaminated soil and groundwater at the site. A copy of the NOV is given in Appendix A.

Employees of the Halls Petroleum Company began excavating the contaminated soil in the vicinity of the USTs. As the contaminated soils were excavated, a buried 24-inch pipeline was encountered at the north end of the excavation pit, which halted any further excavation in that direction. Soil samples from the sides of the excavation pit were screened with an Organic Vapor Analyzer (OVA) in order to test for the presence of volatile organic compounds.

The soils from three sides of the pit were found to have organic vapor concentrations below the 10-ppm threshold for removal. However, on the north side of the pit the soils were found to have an organic vapor concentration in excess of 1,000 ppm. Further excavation of the contaminated soil at the north end of the pit was not possible with the equipment available, due to the presence of the buried pipeline. On January 25, 1990, Mr. A. Frank Massey, the General Manager of Halls Petroleum Company, submitted a letter to the City of Kinston certifying that all of the contaminated soils at the Manning Street site had been removed and processed in accordance with existing EPA rules and regulations.

On March 5, 1990, as stated above, a notice of violation (NOV) was issued to the City of Kinston. The NOV required a hydrogeological assessment and a Remedial Action Plan (RAP) for the site. The City of Kinston selected OMNI Environmental Services, Inc. from among several firms that were interviewed for the purpose of conducting the required services and helping the city respond to the NOV.

OMNI Environmental Services personnel conducted a hydrological site assessment of the property, and findings indicated that the contamination was the result of a release from the former UST installation. Groundwater sampling conducted at the site revealed a BTEX (Benzene, Toluene, Ethylbenzene and Xylene) plume in the shallow, on-site groundwater, and only a minimal amount of soil contamination was discovered. OMNI Environmental Services developed and submitted a Corrective Action plan (CAP) for treatment and remediation of the contaminated groundwater, which was approved by the Washington Regional Office Groundwater Section in August, 1990. Under the terms of the CAP, nine shallow groundwater monitoring wells and six recovery wells were installed at the site in September, 1990 by OMNI Environmental Services.

Test borings indicated that the highest levels of groundwater contamination were present in the vicinity of well MW-1s. In order to quantify the vertical extent of the contaminant plume, a deep monitoring well, referred to as MW-1d, was installed to a depth of 32.5 feet adjacent to MW-1s. A remediation system, consisting of a 9.5 gpm single-column air stripper, was also installed. Treated groundwater was discharged under Non-Discharge Permit #53-0070-WR-0090 to the City of Kinston POTW.

On May 15, 1992 the project was transferred from OMNI Environmental Services, Inc. to OMNI Professional Environmental Associates, P.A. (OMNI Professional) in order to satisfy the requirements of the North Carolina Board of Registration for professional Engineers and Land Surveyors.

On June 8, 1992, recovery wells RW-1, RW-3, and RW-5 were permanently removed from service due to excessive iron bacteria fouling. Iron bacteria were apparently indigenous to the area, and OMNI Professional developed a method of controlling the bacteria without using chlorine. This method allowed continued pumping of the remaining recovery wells without triggering additional monitoring for halogenated compounds. On November 4, 1994, OMNI Professional field staff placed recovery wells RW-2 and RW-6 permanently out of service in response to NC DEHNR approval of OMNI's request to limit treatment to only one recovery well, RW-4.

Quarterly monitoring revealed that during the period from the Fourth Quarter, 1993 through the Second Quarter, 1996, the concentrations of contaminants in the groundwater at all monitoring wells except for MW-1s were reduced to levels below the State groundwater standards. In MW-1s, the concentration curve for benzene attained a slope of 1:105, and met the State requirements of a 1:40 asymptotic slope for termination of remediation. However, in the Third Quarter, 1996, an unexpected increase was detected in the concentrations of benzene and ethylbenzene in MW-1s, and this increase caused the slope of the concentration curve to no longer meet the 1:40 requirement.

In the Fourth Quarter, 1996, a similar increase was noted in the groundwater concentration of benzene and ethylbenzene in MW-4, while the benzene and ethylbenzene levels in MW-1s were reduced. The reason for the unexpected "surge" in contaminant concentrations is unknown. However, the phenomenon may have resulted from the heavy rainfall, which occurred during the summer of 1996, mobilizing higher than normal amounts of the contaminants from the former UST site in the shallow aquifer.

In the Second Quarter, 1997, OMNI Professional developed a Monitoring Only Plan (MOP) and submitted the MOP to the NC DENR Washington Regional Office. The MOP was approved on August 18, 1997. Under the terms of the MOP, active remediation using the air stripper system was terminated, recovery well RW-4 was taken out of service, and the remediation system was removed from the site by OMNI personnel. Additionally, groundwater monitoring at monitoring wells MW-5, MW-6 and

MW-7 was terminated, and the monitoring frequency at MW-3, MW-8 and MW-9 was changed from a quarterly basis to an annual basis.

In a letter dated September 7, 1999, from Hassan Osman of the NC DENR Washington Regional Office, DENR requested that future groundwater monitoring at the site be performed through limited sampling of monitoring wells MW-1s and MW-4 only. Under the terms of the request letter, monitoring at MW-1s and MW-4 was to be performed on a quarterly basis, using EPA Method 602 (sw-846) only.

Recent sampling results for the First Quarter of 2000 indicate the fourth consecutive quarter after remediation that all wells sampled have met State standards for benzene, ethylbenzene, xylenes (o-m & p), and toluene. These results meet the requirement listed in the *Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater* for site closure. Four consecutive quarters of data documenting no contamination above the 15A NCAC 2L standards while the remediation system is operational and four consecutive quarters of data documenting no contamination above 15A NCAC 2L standards or interim standards after the remediation system has been shut down are required.

The project cost from the time of the discovery of the gasoline leak to the proposed closure of the site was approximately \$563,730.00. This included costs for all site assessments, soil borings and monitoring wells needed to determine the extent of the contamination plume, the design of the remediation system, the remediation system equipment, shipping and installation, the upkeep of the remediation system, the state-required groundwater monitoring, analysis of the groundwater samples and written reports. The State Leaking Underground Storage Tank Trust Fund reimbursed an approved portion of the cost to the City of Kinston.

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## **Site Remediation**

### **Soil**

Following the removal of the USTs from the Kinston Site, Hall's Petroleum hired Brian E. Gray, P.G. to assist in determining how much soil should be removed from the site. All soil that smelled of gasoline was excavated and stockpiled and then soil samples were screened using an organic vapor analyzer (OVA). Final screening took place one foot above the water table. Samples from three sides of the pit had OVA readings well below the 10-ppm level (south end 1.8 ppm, east end 3.8 ppm, and west end 6.0 ppm). The north end of the pit, however, still showed OVA organic vapor concentrations of greater than 1000 ppm. During excavation, a 24" ductile iron pipe was discovered at the north end of the pit. This pipeline obstructed any further excavation to the North. The pit was later backfilled with new material.

Also, while excavating the soil from the UST pit, about 6" below the water table, Hall's Petroleum reported there was approximately a one foot layer of black sand that smelled like diesel fuel. A sample of the black sand was collected and tested to determine whether the material was indeed contaminated with diesel fuel. According to a long time employee of the City, several above ground storage tanks had been located up gradient of the pit, and these tanks were removed in 1980.

Hall's Petroleum then decided to excavate near the location of the fuel oil tanks. Here, another layer of black sand was found. Again, a sample was taken for analysis. Several other locations were excavated to see if this material was present. These locations showed no evidence of the black material.

The sample taken from the UST pit was identified as gasoline, while the sample from the location of the former fuel oil tanks was identified as diesel. A copy of the geologists report to NC DENR, maps of the site, laboratory data sheets, the certification of the removal of the storage tanks, and certification of the removal of the contaminated soil are given in Appendix B.

In April, 1990, OMNI Environmental Services, Inc. was retained by the City of Kinston as lead environmental consultant. Based on OMNI's hydrogeological site assessment, petroleum contamination levels in unsaturated soils at the site were believed to be negligible. Therefore, no soil treatment methods were recommended.

### **Groundwater**

Based on the type of contamination at the Kinston Site, benzene, toluene, xylene and ethylbenzene (BTEX) being the primary concerns, OMNI suggested three types of remediation, activated carbon adsorption, air stripping and biological treatment. Costs were computed for each method and based on these costs, air stripping was the technology selected for the project.

The design for the air stripping system incorporated consideration of a number of potentially competing factors including site access, concentration and identity of contaminants, transport mechanisms, site hydrology, and subsurface hydrogeological conditions.

OMNI performed a hydrogeological site assessment during May of 1990. Based on the review of previous work, observation and measurements made during the assessment fieldwork, and on laboratory analysis of soil and groundwater samples collected from the site, the principal findings of the hydrogeological assessment were as follows:

- Shallow soils at the site (except filled areas on the southern third of the site near the river) are primarily clean silty sands to a depth of 12 to 17 feet below surface grade. The groundwater table is located within these sands at an approximate depth of 7 to 10 feet deep. This sand unit is apparently a shallow unconfined aquifer.
- An apparent confining layer of clayey soils is first encountered at depths of 12 to 17 feet below surface grade and continues to a depth of at least 32 feet. Highly productive zones of the aquifer are encountered below the 100 feet depth. This deeper zone is a primary source of drinking water for the City of Kinston.
- Minimal petroleum product contamination was found in the vadose zone (unsaturated soils above the water table).
- A plume of gasoline contamination had been identified in the shallow groundwaters, extending primarily in the down-gradient (southern) direction from the former gasoline tank field. This plume appears to be isolated from the City of Kinston deep aquifer water supply by the clay unit (aquaclude).

Based on this information and the previously gathered information, the extent of the contamination was determined. Soil contamination in the vicinity of the two tank fields did not appear to be significant. A groundwater plume did exist in the vicinity of the gasoline tank field with moderate quantities of gasoline constituents and trace amounts of fuel-oil constituents. The horizontal extent of the gasoline tank field plume appeared to extend approximately 150 feet in the down-gradient direction from the southern most tank.

A minor plume appeared to exist in the vicinity of the fuel-oil tanks with trace amounts of fuel-oil and gasoline constituents. The fuel-oil tank field plume did not appear to extend horizontally for a distance greater than approximately 30 feet in the down-gradient direction from the southern most tank.

The design of the air stripper system included design of the test well, the recovery wells and the air stripper system itself. Drawings of the recovery well pump system, a sketch of a typical air stripper system, and a map showing the approximate locations of the

remedial treatment system components is given in Appendix C. Calculations for the recovery well system and the air stripper system can be found in Appendix D.

### Test Well

Originally, a 12-inch diameter test well was to be installed approximately 100 feet due south of the former UST location. While installing the test wells, it was decided that instead of one 12-in diameter test well, one, 8-in diameter test well and four, 2-in diameter observation wells would be installed. The wells were screened throughout the entire thickness of the shallow unconfined aquifer. Preliminary calculations, based on OMNI's estimate of the hydraulic conductivity for the shallow sand aquifer of 2.45 ft/day and a projected well drawdown of 4 feet, indicated that pumping at approximately 0.5 gallons per minute (gpm) would influence the potentiometric surface at a maximum distance of approximately 35 feet. Based on these calculations, three to five, 12-inch diameter recovery wells would be sufficient to contain the dissolved gasoline constituents plume identified by OMNI.

### Pump Test(s)

Pump test(s) were conducted on the test well(s) to determine aquifer transmissivity and storage coefficient, radius of influence, and a degree of hydraulic communication between the shallow sand aquifer and other water-bearing units in the area. A 72-hour pump test was initially recommended.

The City of Kinston, Publicly Owned Treatment Works (POTW) provided disposal of the pump test waters. Pump test results were used to estimate the number and size of recovery wells to be installed.

After consideration of the field results, a 48-hour pump test was performed rather than a 72-hour test.

### Recovery Wells

To remove groundwater from beneath the site for treatment, a preliminary estimate of a system of three to five, 12-inch diameter recovery wells seemed appropriate. OMNI believed this configuration would be effective since the dissolved plume appeared to cover a lateral dimension of approximately 150 feet. Based upon findings of the Site Hydrogeological Assessment, only the shallow aquifer unit was believed to be contaminated. Based on observations in the field, six, 6-in diameter recovery wells were installed to a depth of approximately 20 feet with the well screen installed throughout the saturated zone. The recovery wells were strategically located within the contaminant plume. The cone of influence, or depression, in the water table created by the pumping would induce contaminated groundwater to flow into the recovery system. In addition, the cumulative "capture zone" created by the recovery wells assisted in preventing further migration of the dissolved gasoline constituents.

Since it was decided at the time of the recovery well installation that it would be better practice to install six, 6-inch diameter recovery wells rather than three to five, 12-inch wells, the information was sent to NC DENR and the necessary changes were made to the permit.

### Air Stripper System

Groundwater withdrawn from the on-site recovery wells was pumped into an air stripper system for treatment. Essentially, the air stripper works on a principal of gas transfer (Henry's Law) whereby the water is piped to the top of the stripper unit and allowed to cascade downward through a column of packing material. Concurrently, air is forced upward through the tower, counter flow to the cascading water. Most of the volatile organic compound (VOC) concentrations transfer into the air fraction from the water as the air moves upward through the unit, and the contaminants are thus "stripped" from the water phase. The height of the stripper unit and the packing geometry is designed to achieve optimal removal efficiencies of the volatile contaminants of concern. Treated water effluent from the air stripper system was discharged to the City of Kinston POTW through an access available at the site.

The treatment system specifications are as follows:

#### 1. Pumping Well/Test Well

##### a. Borehole

- i. 18-20 inch diameter
- ii. 20 feet deep

##### b. Casing

- i. Screen: 15 feet of 12-inch I.D. 0.010" wire wrap PVC
- ii. Riser: 5 feet of 12-inch PVC solid casing

##### c. Annular Space

- i. Packing: 16 feet of fine quartz sand
- ii. Seal: 12-inch bentonite seal
- iii. Grout: 36-inch Portland Cement grout

#### 2. Recovery Equipment

##### a. Pumping Equipment

- i. 0.5 – 1.0 gpm flow
- ii. total discharge head: allow for 50 feet

##### b. Other Equipment Required

- i. Water/product level sensor probe
- ii. Automatic control panel to control drawdown
- iii. 220v/20 amp power supply
- iv. system freeze protection

### 3. Air Stripping Tower

- a. 18 ft height (16 feet of high volume packing)
- b. 12-inch diameter
- c. 50 cfm blower with adjustable air cutoff
- d. influent and effluent sampling ports
- e. influent flow meter to gauge treatment rate and total gallons treated
- f. de-mister unit

Based on the system design, and an estimated maximum pump rate of 2.5 gpm, and 168 hour per week operation, calculations indicated that concentrations of VOCs emitted from the air stripper would be negligible as compared to the 40 lbs/day NC DENR limit.

The operations and maintenance of the air stripper system was as follows:

- 1. Twice a week the system was inspected to:
  - a. Assure the fan, pump and flow meter were operating properly
  - b. Assure that there were no leaks or obstructions in the piping
  - c. Observe whether there has been vandalism, lightening, or other physical damage to the system
  - d. Shut down the system if any of the problems listed in a, b, or c above indicated problems and notify City officials
  - e. Complete an inspection log for each visit and maintain monthly records with the City of Kinston.

### Monitoring

The NC DENR (formerly NC DEHNR) Non-Discharge Permit for Construction of a Well, 53-0070-WR-0090, issued on September 12, 1990, required quarterly groundwater sampling at the Manning Street Site. The quarterly monitoring was to include sampling from monitoring wells MW-1s, MW-1d, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and MW-9, and the samples were to be analyzed using EPA Method 602. (SW-846)

By the Second Quarter of 1997, groundwater contaminant levels had met the State standards required for removing the remediation system. On August 18, 1997 the Monitoring Only Plan (MOP) submitted by OMNI Professional Environmental Associates, P.A. was accepted (see Appendix E). This MOP called for termination of active remediation using the air stripper system. Following approval of the MOP, recovery well 4 (RW-4) and the air stripper were taken out of service. Additionally, groundwater monitoring of monitoring wells MW-5, MW-6 and MW-7 was terminated, and the monitoring frequency for monitoring wells MW-3, MW-8, and MW-9 was changed from a quarterly basis to an annual basis.

In a letter dated September 7, 1999 (see Appendix F), the NC DENR Washington Regional Office requested that future groundwater monitoring at the site be limited to sampling from monitoring wells MW-1s and MW-4 only. Under the terms of this letter, monitoring of these two wells would continue on a quarterly basis using EPA Method 602 until requirements for site closure were met. A diagram with the location of the wells at this site is given in Appendix G.

At the time of this writing, all of the on-site monitoring wells are believed to be functional. These can be re-sampled and/or abandoned in accordance with state guidelines upon request from the City and approved by the State.

#### Permits

The City of Kinston, Manning Street Site, received a permit for Well Construction (Permit No. 53-0070-WR-0090) on September 17, 1990. Changes were made to this permit on June 18, 1991. In the original permit issued in 1990, construction was approved for the installation of three to five 12-inch diameter recovery wells. However, during the assessment of the site, it was decided in the field that six 6-inch diameter recovery wells would be better to address both monitoring and site remediation needs. The changes to the permit were approved in June, 1991.

#### Monitoring Results

Tables 1 through 10 show the sampling results for MW-1s, MW-1d, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8 and MW-9 respectively using samples analyzed by EPA Method 602 for analysis from the Third Quarter of 1992 to the First Quarter of 2000. A description of sampling procedures used to collect these results is given in Appendix H.

Table 1. Monitoring Results for MW-1s

| MW-1S | EPA 602 (ppb)   | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---|------------|------------|------------|
| 3QT92 | Toluene: 140<br>Ethylbenzene: 810<br>Xylenes: 1200                    | BQL        | N/A        | N/A        |
| 4QT92 | Benzene: 7.1<br>Toluene: 39.7<br>Ethylbenzene: 22.2<br>Xylenes: 120   | BQL        | 5.49       | BQL        |
| 2QT93 | Benzene: 17<br>Toluene: 45<br>Ethylbenzene: 130                       | BQL        | N/A        | N/A        |
| 4QT93 | Benzene: 1.85<br>Toluene: 3.96<br>Ethylbenzene: 70.3<br>Xylenes: 32.4 | BQL        | 12.6       | BQL        |
| 1QT94 | Benzene: 1.6<br>Toluene: 8.1<br>Ethylbenzene: 56.4<br>Xylenes: 32.1   | BQL        | 15.4       | BQL        |
| 2QT94 | Toluene: 2.1<br>Ethylbenzene: 56.2<br>Xylenes: 5.1                    | BQL        | 3.87       | BQL        |
| 3QT94 | Benzene: 4.1<br>Xylenes: 20.2   | 4.7        | 18.1       | BQL        |
| 4QT94 | Benzene: 70<br>Ethylbenzene: 80<br>Xylenes: 131                       | BQL        | 15.8       | BQL        |
| 1QT95 | Benzene: 8.66<br>Toluene: 11.6<br>Ethylbenzene: 57.9<br>Xylenes: 42.7 | BQL        | 41         | BQL        |
| 2QT95 | Toluene: 0.6<br>Ethylbenzene: 44.7<br>Xylenes: 45.9                   | BQL        | 17.6       | BQL        |
| 3QT95 | Toluene: 6.8<br>Ethylbenzene: 80<br>Xylenes: 53.5                     | BQL        | 10.7       | BQL        |
| 4QT95 | Ethylbenzene: 31.5<br>Xylenes: 18.1                                   | BQL        | 7.75       | BQL        |
| 1QT96 | Toluene: 3.9<br>Ethylbenzene: 53.6<br>Xylenes: 23.6                   | 13.4       | 53.1       | BQL        |
| 2QT96 | Toluene: 3.5<br>Ethylbenzene: 41.4                                    | BQL        | 13.1       | BQL        |

| MW-1S | EPA 602 (ppb)   | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---|------------|------------|------------|
| 3QT96 | Benzene: 9.1<br>Ethylbenzene: 70<br>Xylenes: 106.8  | 6.09       | 22.6       | BQL        |
| 4QT96 | Ethylbenzene: 51.3<br>Xylenes: 39.6   | BQL        | 9.64       | 8          |
| 1QT97 | Benzene: 14.2<br>Ethylbenzene: 30.2   | BQL        | 9.64       | 8          |
| 2QT97 | Benzene: 4.2<br>Ethylbenzene: 2.7   | BQL        | 20.3       | BQL        |
|       |   |            |            |            |
| 3QT97 | Benzene: 7.4<br>1,3-dichlorobenzene: 4.5<br>Ethylbenzene: 19.3<br>o-Xylene: 3.8<br>m- & p-Xylene: 8.0 | 7          | 15.1       | 0.079      |
| 4QT97 | Benzene: 5.8<br>Ethylbenzene: 8.0<br>o-Xylene: 1.5<br>m- & p-Xylene: 2.5                              | BQL        | N/A        | N/A        |
| 1QT98 | BQL   | BQL        | N/A        | N/A        |
| 2QT98 | Ethylbenzene: 40.0<br>m- & p-Xylene: 25.1   | BQL        | N/A        | N/A        |
| 3QT98 | Benzene: 6.71<br>Ethylbenzene: 13.3<br>o-Xylene: 4.49<br>m- & p-Xylene: 13.6                          | BQL        | N/A        | N/A        |
| 4QT98 | BQL   | BQL        | N/A        | N/A        |
| 1QT99 | Ethylbenzene: 13.6<br>o-Xylene: 2.95<br>m- & p-Xylene: 12.1   | 5.10       | N/A        | N/A        |
| 2QT99 | Ethylbenzene: 1.19  | BQL        | N/A        | N/A        |
| 3QT99 | Ethylbenzene: 3.79<br>m- & p-Xylene: 2.49   | 3.04       | N/A        | N/A        |
| 4QT99 | Ethylbenzene: 3.50<br>m- & p-Xylene: 2.22   | 1.10       | N/A        | N/A        |
| 1QT00 | Ethylbenzene: 3.03  | BQL        | N/A        | N/A        |

Table 2. Monitoring Results for MW-1d

| MW-1D | EPA 602 (ppb) | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---------------|------------|------------|------------|
| 3QT92 | BQL           | BQL        | N/A        | N/A        |
| 4QT92 | BQL           | BQL        | 1.42       | BQL        |
| 2QT93 | BQL           | BQL        | N/A        | N/A        |
| 4QT93 | BQL           | BQL        | 23.2       | BQL        |
| 1QT94 | BQL           | BQL        | 1.27       | BQL        |
| 2QT94 | BQL           | BQL        | 15         | BQL        |
| 3QT94 | BQL           | BQL        | 13.7       | BQL        |
| 4QT94 | BQL           | BQL        | 24         | BQL        |
| 1QT95 | BQL           | BQL        | 440        | BQL        |
| 2QT95 | BQL           | BQL        | 116        | 0.069      |
| 3QT95 | BQL           | BQL        | 74.3       | BQL        |
| 4QT95 | BQL           | BQL        | 481        | 0.2        |
| 1QT96 | BQL           | BQL        | 226        | 0.105      |
| 2QT96 | BQL           | BQL        | 2.6        | BQL        |
| 3QT96 | BQL           | BQL        | 54.9       | BQL        |
| 4QT96 | BQL           | BQL        | 3.17       | 6          |
| 1QT97 | BQL           | BQL        | 48.8       | BQL        |
| 2QT97 | BQL           | BQL        | 95         | BQL        |
| 3QT97 | BQL           | BQL        | 0.026      | BQL        |
| 4QT97 | BQL           | BQL        | N/A        | N/A        |
| 1QT98 | BQL           | BQL        | N/A        | N/A        |
| 2QT98 | BQL           | BQL        | N/A        | N/A        |
| 3QT98 | BQL           | BQL        | N/A        | N/A        |
| 4QT98 | BQL           | BQL        | N/A        | N/A        |
| 1QT99 | BQL           | BQL        | N/A        | N/A        |
| 2QT99 | BQL           | BQL        | N/A        | N/A        |
| 3QT99 | BQL           | BQL        | N/A        | N/A        |

Table 3. Monitoring Results for MW-2

| MW-2  | EPA 602 (ppb) | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---------------|------------|------------|------------|
| 3QT92 | BQL           | BQL        | N/A        | N/A        |
| 4QT92 | BQL           | BQL        | 4.58       | BQL        |
| 2QT93 | BQL           | BQL        | N/A        | N/A        |
| 4QT93 | BQL           | BQL        | 13.4       | BQL        |
| 1QT94 | BQL           | BQL        | 7.22       | BQL        |
| 2QT94 | BQL           | BQL        | 12.6       | BQL        |
| 3QT94 | Xylenes: 11.1 | BQL        | 20.2       | BQL        |
| 4QT94 | BQL           | BQL        | 20.8       | BQL        |
| 1QT95 | BQL           | BQL        | 56.4       | BQL        |
| 2QT95 | BQL           | BQL        | 13.1       | BQL        |
| 3QT95 | BQL           | BQL        | 12.5       | BQL        |
| 4QT95 | BQL           | BQL        | 37.5       | BQL        |
| 1QT96 | BQL           | BQL        | 14.8       | BQL        |
| 2QT96 | BQL           | BQL        | 12.6       | BQL        |
| 3QT96 | BQL           | BQL        | 8.77       | BQL        |
| 4QT96 | BQL           | BQL        | 5.53       | BQL        |
| 1QT97 | BQL           | BQL        | 20.1       | BQL        |
| 2QT97 | BQL           | BQL        | 40.8       | BQL        |
| 3QT97 | BQL           | BQL        | 2.67       | 0.071      |
| 4QT97 | BQL           | BQL        | N/A        | N/A        |
| 1QT98 | BQL           | BQL        | N/A        | N/A        |
| 2QT98 | BQL           | BQL        | N/A        | N/A        |
| 3QT98 | BQL           | BQL        | N/A        | N/A        |
| 4QT98 | BQL           | BQL        | N/A        | N/A        |
| 1QT99 | BQL           | BQL        | N/A        | N/A        |
| 2QT99 | BQL           | BQL        | N/A        | N/A        |
| 3QT99 | BQL           | BQL        | N/A        | N/A        |

Table 4. Monitoring Results for MW-3

| MW-3  | EPA 602 (ppb) | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---------------|------------|------------|------------|
| 3QT92 | BQL           | BQL        | N/A        | N/A        |
| 4QT92 | BQL           | BQL        | 10.2       | BQL        |
| 2QT93 | BQL           | BQL        | N/A        | N/A        |
| 4QT93 | BQL           | BQL        | 13.4       | BQL        |
| 1QT94 | BQL           | BQL        | 84.5       | BQL        |
| 2QT94 | BQL           | BQL        | 26.1       | BQL        |
| 3QT94 | BQL           | BQL        | 60.7       | BQL        |
| 4QT94 | BQL           | BQL        | 62.2       | BQL        |
| 1QT95 | BQL           | BQL        | 85.5       | BQL        |
| 2QT95 | BQL           | BQL        | 225        | 0.112      |
| 3QT95 | BQL           | BQL        | 58.7       | BQL        |
| 4QT95 | BQL           | BQL        | 35.9       | BQL        |
| 1QT96 | BQL           | BQL        | 49.7       | BQL        |
| 2QT96 | BQL           | BQL        | 3.44       | BQL        |
| 3QT96 | BQL           | BQL        | 25.9       | BQL        |
| 4QT96 | BQL           | BQL        | 2.33       | BQL        |
| 1QT97 | BQL           | BQL        | 21.2       | BQL        |
| 2QT97 | BQL           | BQL        | 17.9       | BQL        |
| 3QT97 | BQL           | BQL        | 2.94       | BQL        |
| 3QT98 | BQL           | BQL        | N/A        | N/A        |
| 3QT99 | BQL           | BQL        | N/A        | N/A        |

Table 5. Monitoring Results for MW-4

| MW-4  | EPA 602 (ppb)   | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---|------------|------------|------------|
| 3QT92 | Benzene: 3<br>Toluene: 1<br>Ethylbenzene: 46<br>Xylenes: 28 | BQL        | N/A        | N/A        |
| 4QT92 | Benzene: 2<br>Ethylbenzene: 15.4<br>Xylenes: 22.4           | BQL        | 24.5       | BQL        |
| 2QT93 | Benzene: 12<br>Toluene: 6<br>Ethylbenzene: 14               |            |            |            |
| 4QT93 | BQL   | BQL        | 17.3       | BQL        |
| 1QT94 | BQL   | BQL        | 44.2       | BQL        |
| 2QT94 | BQL   | BQL        | 10.7       | BQL        |
| 3QT94 | BQL   | BQL        | 37.5       | BQL        |
| 4QT94 | BQL   | BQL        | 64.8       | 0.053      |
| 1QT95 | BQL   | BQL        | 44.1       | BQL        |
| 2QT95 | Ethylbenzene: 18.4  | BQL        | 36.8       | BQL        |
| 3QT95 | BQL   | BQL        | 81.4       | BQL        |
| 4QT95 | BQL   | BQL        | 85.3       | BQL        |
| 1QT96 | BQL   | BQL        | 120        | BQL        |
| 2QT96 | Ethylbenzene: 12.8<br>Xylenes: 13                           | BQL        | 20.1       | BQL        |
| 3QT96 | BQL   | BQL        | 60.1       | BQL        |
| 4QT96 | Benzene: 5.7<br>Ethylbenzene: 18.3<br>Xylenes: 14.9         | BQL        | 14.4       | 9          |
| 1QT97 | Benzene: 4.6  | BQL        | 41.3       | BQL        |
| 2QT97 | Benzene: 7.2  | BQL        | 41.3       | BQL        |
| 3QT97 | BQL   | BQL        | 10.3       | BQL        |
| 4QT97 | BQL   | BQL        | N/A        | N/A        |
| 1QT98 | BQL   | BQL        | N/A        | N/A        |
| 2QT98 | Ethylbenzene: 9.81<br>m- & p-Xylene: 4.41                   | BQL        | N/A        | N/A        |
| 3QT98 | Benzene: 5.10   | 1.2        | N/A        | N/A        |
| 4QT98 | BQL   | BQL        | N/A        | N/A        |
| 1QT99 | Benzene: 1.46   | BQL        | N/A        | N/A        |
| 2QT99 | BQL   | BQL        | N/A        | N/A        |
| 3QT99 | BQL   | BQL        | N/A        | N/A        |
| 4QT99 | BQL   | BQL        | N/A        | N/A        |
| 1QT00 | Ethylbenzene: 1.84  | BQL        | N/A        | N/A        |

Table 6. Monitoring Results for MW-5

| MW-5  | EPA 602 (ppb) | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---------------|------------|------------|------------|
| 3QT92 | BQL           | BQL        | N/A        | N/A        |
| 4QT92 | BQL           | BQL        | 0.95       | BQL        |
| 2QT93 | BQL           | BQL        | N/A        | N/A        |
| 4QT93 | BQL           | BQL        | 19.6       | BQL        |
| 1QT94 | BQL           | BQL        | 1.2        | BQL        |
| 2QT94 | BQL           | BQL        | 6.25       | BQL        |
| 3QT94 | BQL           | BQL        | 6.5        | BQL        |
| 4QT94 | Xylenes: 2.1  | BQL        | 10.2       | BQL        |
| 1QT95 | BQL           | BQL        | 20.4       | BQL        |
| 2QT95 | BQL           | BQL        | 12.3       | BQL        |
| 3QT95 | BQL           | BQL        | 16.6       | BQL        |
| 4QT95 | BQL           | BQL        | 14.7       | BQL        |
| 1QT96 | BQL           | BQL        | 37.3       | BQL        |
| 2QT96 | BQL           | BQL        | 19.4       | BQL        |
| 3QT96 | BQL           | BQL        | 12.3       | BQL        |
| 4QT96 | BQL           | BQL        | 2.18       | BQL        |
| 1QT97 | BQL           | BQL        | 57.6       | BQL        |
| 2QT97 | BQL           | BQL        | 8.32       | BQL        |
| 3QT97 | N/A           | N/A        | N/A        | N/A        |

Table 7. Monitoring Results for MW-6

| MW-6  | EPA 602 (ppb)   | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---|------------|------------|------------|
| 3QT92 | BQL   | BQL        | N/A        | N/A        |
| 4QT92 | BQL   | BQL        | 1.04       | BQL        |
| 2QT93 | BQL   | BQL        | N/A        | N/A        |
| 4QT93 | BQL   | BQL        | 17.8       | BQL        |
| 1QT94 | BQL   | BQL        | 3.08       | BQL        |
| 2QT94 | BQL   | BQL        | 22.6       | BQL        |
| 3QT94 | BQL   | BQL        | 39.2       | BQL        |
| 4QT94 | Ethylbenzene: 0.6<br>Xylenes: 2.1<br>1,3-Dichlorobenzene: 1.3<br>1,4-Dichlorobenzene: 0.6 | BQL        | 33         | BQL        |
| 1QT95 | BQL   | BQL        | 60.6       | BQL        |
| 2QT95 | BQL   | BQL        | 45.3       | BQL        |
| 3QT95 | BQL   | BQL        | 34.8       | BQL        |
| 4QT95 | BQL   | BQL        | 62.3       | BQL        |
| 1QT96 | BQL   | BQL        | 33.5       | BQL        |
| 2QT96 | BQL   | BQL        | 11.1       | BQL        |
| 3QT96 | BQL   | BQL        | 28.4       | BQL        |
| 4QT96 | BQL   | BQL        | 2.02       | 16         |
| 1QT97 | Ethylbenzene: 1.7   | BQL        | 35         | BQL        |
| 2QT97 | BQL   | BQL        | 30         | BQL        |

Table 8. Monitoring Results for MW-7

| MW-7  | EPA 602 (ppb)                     | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|-----------------------------------|------------|------------|------------|
| 3QT92 | BQL                               | BQL        | N/A        | N/A        |
| 4QT92 | BQL                               | BQL        | 1.68       | BQL        |
| 2QT93 | BQL                               | BQL        | N/A        | N/A        |
| 4QT93 | BQL                               | BQL        | 10.2       | BQL        |
| 1QT94 | BQL                               | BQL        | 5.88       | BQL        |
| 2QT94 | BQL                               | BQL        | 38.3       | BQL        |
| 3QT94 | BQL                               | BQL        | 85.6       | BQL        |
| 4QT94 | BQL                               | BQL        | 60         | BQL        |
| 1QT95 | BQL                               | BQL        | 78.4       | BQL        |
| 2QT95 | BQL                               | BQL        | 32.5       | BQL        |
| 3QT95 | BQL                               | BQL        | 60.1       | BQL        |
| 4QT95 | BQL                               | BQL        | 59.8       | BQL        |
| 1QT96 | BQL                               | BQL        | 42.8       | BQL        |
| 2QT96 | Ethylbenzene: 2.5                 | BQL        | 4.17       | BQL        |
| 3QT96 | BQL                               | BQL        | 42         | BQL        |
| 4QT96 | Ethylbenzene: 3.0<br>Xylenes: 0.5 | BQL        | 42         | BQL        |
| 1QT97 | BQL                               | BQL        | 68.5       | BQL        |
| 2QT97 | BQL                               | BQL        | 70.4       | BQL        |

Table 9. Monitoring Results for MW-8

| MW-8  | EPA 602 (ppb)     | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|-------------------|------------|------------|------------|
| 3QT92 | BQL               | BQL        | N/A        | N/A        |
| 4QT92 | BQL               | BQL        | 2.54       | BQL        |
| 2QT93 | BQL               | BQL        | N/A        | N/A        |
| 4QT93 | BQL               | BQL        | 4.62       | BQL        |
| 1QT94 | BQL               | BQL        | 17.3       | BQL        |
| 2QT94 | BQL               | BQL        | 28.7       | BQL        |
| 3QT94 | BQL               | BQL        | 37.6       | BQL        |
| 4QT94 | BQL               | BQL        | 47.4       | 0.053      |
| 1QT95 | BQL               | BQL        | 52.3       | BQL        |
| 2QT95 | BQL               | BQL        | 52.5       | BQL        |
| 3QT95 | BQL               | BQL        | 57.8       | BQL        |
| 4QT95 | BQL               | BQL        | 88.3       | 0.066      |
| 1QT96 | BQL               | BQL        | 84.8       | BQL        |
| 2QT96 | BQL               | BQL        | 8.87       | BQL        |
| 3QT96 | BQL               | BQL        | 73.8       | 0.065      |
| 4QT96 | BQL               | BQL        | 5.16       | 12         |
| 1QT97 | Ethylbenzene: 1.2 | BQL        | 35.6       | BQL        |
| 2QT97 | BQL               | BQL        | 41.6       | 0.066      |
| 3QT97 | BQL               | BQL        | 2.14       | 0.081      |
| 3QT98 | BQL               | BQL        | N/A        | N/A        |
| 3QT99 | BQL               | BQL        | N/A        | N/A        |

Table 10. Monitoring Results for MW-9

| MW-9  | EPA 602 (ppb) | MTBE (ppb) | Iron (ppm) | Lead (ppm) |
|-------|---------------|------------|------------|------------|
| 3QT92 | BQL           | BQL        | N/A        | N/A        |
| 4QT92 | BQL           | BQL        | 1.55       | BQL        |
| 2QT93 | BQL           | BQL        | N/A        | N/A        |
| 4QT93 | BQL           | BQL        | 2.68       | BQL        |
| 1QT94 | BQL           | BQL        | 11.6       | BQL        |
| 2QT94 | BQL           | BQL        | 3.79       | BQL        |
| 3QT94 | BQL           | BQL        | 26.5       | BQL        |
| 4QT94 | BQL           | BQL        | 48.3       | BQL        |
| 1QT95 | BQL           | BQL        | 30.5       | BQL        |
| 2QT95 | BQL           | BQL        | 22.9       | BQL        |
| 3QT95 | BQL           | BQL        | 25         | BQL        |
| 4QT95 | BQL           | BQL        | 44.1       | BQL        |
| 1QT96 | BQL           | BQL        | 32.4       | BQL        |
| 2QT96 | BQL           | BQL        | 5.31       | BQL        |
| 3QT96 | BQL           | BQL        | 33.7       | BQL        |
| 4QT96 | BQL           | BQL        | 4.78       | 9          |
| 1QT97 | BQL           | BQL        | 16.1       | BQL        |
| 2QT97 | BQL           | BQL        | 17.3       | BQL        |
| 3QT97 | BQL           | BQL        | 0.97       | 0.07       |
| 3QT98 | BQL           | BQL        | N/A        | N/A        |
| 3QT99 | BQL           | BQL        | N/A        | N/A        |

### Monitoring Reports

Monitoring Reports have been submitted to the Washington Regional Office, Division of Environmental Management, Ground Water Section, NC DENR each quarter from the Third Quarter of 1992 through the First Quarter of 2000.

The laboratory reports for the last four consecutive monitoring/sampling events can be found in Appendix I.

### Costs for Remediation

Table 11 shows a detailed breakdown of the cost for remediation of the Manning Street Site:

Table 11. Cost Breakdown (\$)

| Date       | Personnel  | Soil Borings & Well Installation | Laboratory Analysis | Field Equipment | Expenses and Supplies | Travel   | Misc.    | Corrective Action Activities |
|------------|------------|----------------------------------|---------------------|-----------------|-----------------------|----------|----------|------------------------------|
| 1990-1992  | 27,455.00  | 12,813.59                        | 1,612.50            | 1,160.00        | 1,257.95              |          |          |                              |
| 1990-1993  |            |                                  |                     |                 |                       |          |          | 267,742.53                   |
| 11/92-1993 | 52,164.25  |                                  | 3,446.60            | 3,158.00        | 10,963.38             |          |          |                              |
| 11/93-1/94 | 13,260.00  |                                  | 2,518.50            | 475.00          | 366.08                |          |          |                              |
| 2/94-4/94  | 8,613.75   |                                  | 1,598.50            | 555.00          | 2,425.71              |          | 692.24   |                              |
| 4/94-8/94  | 13,650.50  |                                  | 1,559.40            | 595.00          | 824.61                |          | 2,420.15 |                              |
| 8/94-12/94 | 11,440.00  |                                  | 5,612.00            | 855.00          | 355.03                |          | 51.00    |                              |
| 1/95-4/95  | 15,765.00  |                                  | 1,840.00            | 640.00          | 1,092.46              |          |          |                              |
| 6/95-9/95  | 11,705.00  |                                  | 1,840.00            | 975.00          | 845.54                |          |          |                              |
| 9/95-12/95 | 7,598.75   |                                  | 3,210.80            | 1,506.90        | 323.42                |          |          |                              |
| 1/96-5/96  | 8,687.50   |                                  | 2,930.20            | 925.00          | 797.84                |          |          |                              |
| 5/96-8/96  | 5,238.75   |                                  | 1,378.85            | 10.00           | 180.56                |          |          |                              |
| 8/96-11/96 | 1,825.00   | 2,166.36                         | 5,147.48            |                 |                       |          |          |                              |
| 11/96-1/97 | 1,825.00   | 4,261.99                         | 1,393.50            |                 |                       |          |          |                              |
| 1/98-4/98  | 925.00     | 373.00                           | 1,123.50            |                 |                       | 270.40   |          |                              |
| 4/98-7/98  | 3,291.75   |                                  | 1,396.30            |                 |                       | 318.24   |          |                              |
| 7/98-9/98  | 2,217.96   |                                  | 1,866.00            |                 |                       | 318.24   |          |                              |
| 9/98-12/98 | 1,176.91   |                                  | 1,408.25            |                 |                       | 338.10   |          |                              |
| 1/99-4/99  | 2,149.16   |                                  | 1,355.65            |                 |                       | 363.30   |          |                              |
| 4/99-7/99  | 1,885.74   |                                  | 1,175.00            |                 |                       | 276.90   |          |                              |
| 7/99-10/99 | 2,824.78   |                                  | 1,641.25            |                 |                       | 276.90   |          |                              |
| 10/99-2/00 | 1,823.37   |                                  | 896.25              |                 |                       | 276.90   |          |                              |
| TOTAL      | 195,523.17 | 19,614.94                        | 44,959.53           | 10,854.90       | 19,432.50             | 2,438.98 | 3,164.09 | 267,742.53                   |

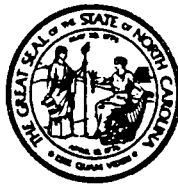
This table shows an overall cost of \$563,730.72.

### Conclusion

Based on the groundwater sample analysis showing four consecutive quarters with no pollutant above the state standard following the removal of the remediation system we believe this site is ready for closure.

## **Appendix A**

### **Notice of Violation**



State of North Carolina  
Department of Environment, Health and Natural Resources  
Northeastern Region  
1424 Carolina Avenue, Washington, North Carolina 27889

James G. Martin, Governor  
William W. Cobey, Jr., Secretary

Lorraine G. Shinn  
Regional Manager

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

DIVISION OF ENVIRONMENTAL MANAGEMENT  
March 5, 1990

Mr. Kai Nelson  
City of Kinston  
Post Office Box 339  
Kinston, North Carolina 28502

RE: Notice of Violation  
Oil Pollution and Hazardous Substance Control Act of  
1978 et seq. (General Statutes 143-215.75) and  
North Carolina Administrative Code Title 15 Subchapter 2L  
Classifications and Water Quality Standards Applicable to  
the Groundwaters of North Carolina  
City of Kinston  
Manning Street Site  
Lenoir County

Dear Mr. Nelson:

North Carolina General Statutes, Chapter 143, authorizes and directs the Environmental Management Commission of the Department of Environment, Health and Natural Resources to protect and preserve the water and air resources of the state. The Division of Environmental Management has the delegated authority to enforce adopted pollution control rules and regulations.

Based upon an assessment report from tank closures at your facility located on Manning Street, Kinston, North Carolina, by Brian E. Gray, on January 31, 1990, the Division has reason to believe that you are responsible for activities resulting in noncompliance with North Carolina law.

CERTIFIED MAIL  
Mr. Kai Nelson  
City of Kinston  
Page 2  
March 5, 1990

Soil samples taken from the site revealed the following:

|                            |                |
|----------------------------|----------------|
| From sample A (Kinston #1) | 1100 ppm (TPH) |
| From sample B (Kinston #2) | 6700 ppm (TPH) |

The Division of Environmental Management has defined action levels for Total Petroleum Hydrocarbons (TPH) at 10 ppm.

The specific violations noted are as follows:

1. G.S. 143-215.83 Discharges-(a) Unlawful Discharges-  
It shall be unlawful except as otherwise provided in this part, for any person to discharge, or cause to be discharged, oil or other hazardous substances into or upon any waters, tidal flats, beaches, or lands within this State, or into any sewer, surface water drain or other waters that drain into the waters of this State, regardless of the fault of the person having control over the oil or other hazardous substances, or regardless of whether the discharge was the result of intentional or negligent conduct, accident, or other cause.

The Division of Environmental Management is authorized by the Environmental Management Commission (EMC) to require collection and removal of any unauthorized discharge of oil or other hazardous waste into or upon the lands or waters of the State. The following section in the Pollution Act is relevant to removing prohibited discharges.

2. G.S. 143-215.84 Removal of Prohibited Discharges  
(a) Person discharging - Any person having control over oil or other hazardous substances discharged in violation of this article shall immediately undertake to collect and remove the discharge and to restore the area affected by the discharge as nearly as may be to the condition existing prior to the discharge.

CERTIFIED MAIL  
Mr. Kai Nelson  
City of Kinston  
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March 5, 1990

3. NCAC 2L .0103 (d)

No person shall conduct or cause to be conducted, any activity which causes the concentration of any substances to exceed that specified in Rule .0202 of this Subchapter, except as authorized by the rules of this Subchapter.

4. NCAC 2L .0202 (c)

Substances which are not naturally occurring and for which no standard is specified shall not be permitted in detectable concentrations in Class GA or Class GSA groundwaters.

Specifically, to correct the above violations, you must perform the following:

1. All contaminated soils shall be removed and disposed of and/or properly treated in situ in a method approved by the Department. Unless it can be demonstrated that residual contamination in the unsaturated zone will not result in violations of underground water quality standards or perpetuate any existing violations, all soil containing 10 parts per million (ppm), or greater, of total petroleum fuel hydrocarbons must be removed and/or treated. It is recommended that you call Roger Thorpe, Water Quality Section Supervisor in the Washington office, for any permits that may be required for such practices.
2. Conduct an assessment to determine the horizontal and vertical extents of groundwater contamination. The assessment should address Sections 1-7 of the attachment entitled, "Outline for Evaluation of Site Characterization Data and Remedial Action Plans for Groundwater Restoration." Be advised that a permit to construct monitoring wells is required from the Department (application attached).

CERTIFIED MAIL  
Mr. Kai Nelson  
City of Kinston  
Page 4  
March 5, 1990

All groundwater samples shall be analyzed for the presence of benzene, toluene, xylene, methyl tert-butyl ether (MTBE), and ethylene dibromide (EDB). It is recommended that the analyses be run as per EPA Method 624 (Federal Register Vol. 29, Number 209, 10-26-84), or other comparable analyses to yield concentrations of those parameters listed above.

Your assessment report must be submitted for review within sixty (60) days of receipt of this letter.

3. In the event the assessment shows groundwater contamination, you will be required to submit to the Department for review and approval a Remedial Action Plan (R.A.P.). The R.A.P. must address the recovery and disposal to include all soil, liquid, and dissolved fractions. The plan should also show the location of the disposal site and indicate an approximate timetable for each phase of the job.

You may want to consider seeking expert advice and/or assistance with this phase of the investigation. For information on available consultants and engineers, you may desire to contact the Consulting Engineers Council of North Carolina at (919) 781-7934.

Action plans submitted to our office for review must be accompanied by all documentation, maps, letters of agreement (for example, disposal site agreement), etc. All analyses, methodologies, monitoring plans, and procedures to be encountered during remediation must be addressed in the R.A.P. To aid you in preparing the R.A.P., please find attached a guide entitled, "Outline for Evaluation of Site Characterization Data and Remedial Action Plans for Groundwater Restoration."

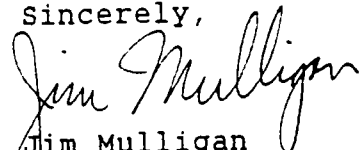
Your Remedial Action Plan must be submitted for review within seventy-five (75) days of receipt of this letter.

CERTIFIED MAIL  
Mr. Kai Nelson  
City of Kinston  
Page 5  
March 5, 1990

Failure to respond within the time specified and to voluntarily achieve compliance may result in the issuance of a proposed penalty assessment by the Director under authority of G.S. 143-215.91, which provides that a civil penalty of not more than \$5,000.00 may be assessed against any person who intentionally or negligently discharges oil or other hazardous substances, or knowingly causes or permits the discharge of oil in violation of G.S. 143-215.7t et seq. If any action or failure to act is continuous, each day may be considered a separate violation.

You should contact us immediately of your intention to comply. Your response and/or questions should be directed to me or to Willie Hardison, Acting Regional Hydrogeologist, at the Northeastern Regional Office at (919) 946-6481.

Sincerely,

  
Jim Mulligan  
Regional Supervisor

Enclosures

cc: Office of General Counsel  
Incident Management Unit  
WaRO File

Outline For Evaluation Of Site Characterization Data And Remedial Action Plans For Groundwater Restoration

1. Introduction - including a statement of objectives and a definition of the scope of the investigation.
2. General Locus Map (eg: 7 1/2 min. topographic map where available; otherwise, segment of county highway map) showing location of contamination site.
3. Discussion Of Regional Hydrogeology
  - (a) Delineation of the occurrence of geological units or formations including lithologic character and structural features (from published literature, files and personal knowledge);
  - (b) Reference to relevant geological features such as faulting, fracturing, dip of bedding planes, etc.;
  - (c) Information pertaining to local groundwater usage including type of use (public, industrial, private domestic, irrigation, etc.) and identification of aquifer; and
  - (d) Identification of all water supply wells within 1500 feet of the source of contamination including location and construction details, if available.
4. Base Map(s)\* upon which the following information is exhibited:
  - (a) Location of source(s) of contamination;
  - (b) Locations of all sampling points, logged borings, and observation/monitoring wells;
  - (c) Locations of all points of potential exposure to contaminants (water supply wells, surface water bodies, underground utilities, etc.); and
  - (d) Locations of all relevant physical features (buildings, roads, etc.) and hydrogeological features (recharge and discharge areas) in the immediate area.

\* Base map should be to scale (preferably 1" < 100') and include all relevant physical features (buildings, roads, etc.) in the immediate area.
5. Description Of Site Hydrogeology
  - (a) Stratigraphic logs of all boreholes using a standard classification system and/or borehole geophysical methods. Log should include identification of system or method used and (geophysical) and referenced to location on base map;

- (b) Minimum of two cross sections (preferably intersecting at approximate right angles and extending across the contamination site ) exhibiting major hydrogeologic units (bedrock, gravel, sand, silt and clay layers) as determined by the logs; and
- (c) Evaluation of relevant aquifer parameters including results of aquifer tests, if available.

#### 6. Direction Of Groundwater Flow

- (a) Static water level measurements (referenced to a common datum) from a minimum of three (3) observation wells. Discretion should be used in selecting appropriate number and location of observation wells so as to ensure accurate representation of groundwater flow. Data should include depth to static water level, relative elevations of points from which depth is measured, and date of measurement;
- (b) Description of methods used for water-level measurement - including time period interval between well development and water level measurement;
- (c) Well construction records for all observation wells showing total depth of well, depth of screened interval, date of construction, etc.;
- (d) Identification of significant features or activities which may affect local groundwater flow patterns; and
- (e) Flow net superimposed upon base map showing equipotential lines and selected flowlines which exhibit direction(s) of groundwater flow. Static water-level measurements used in flow net construction should be shown on the equipotential map.

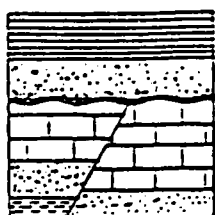
#### 7. Delineation of Contaminant Plume

- (a) Identification of the contaminants responsible for violations of groundwater quality standards (ie: qualitative characterization of the plume);
- (b) Plan of contaminant plume superimposed upon base map, the distribution of selected parameters may be shown by isometric lines.
- (c) Profile vertical component of plume geometry or contaminant profile referenced to hydrogeologic cross sections described in 5 (b);
- (d) Analytical reports for all sampling activities including date of sample collection and references to sampling points shown on base map;
- (e) Description of sampling methods used - flushing time, extraction volume, etc.; and

- (f) Well construction records for all wells utilized as sampling points showing total depth of well, depth of screened interval, date of construction, etc. (may reference well construction records compiled under item 6(c)).
8. Objectives Of The Remedial Action Plan (RAP)
- (a) Statement of goals and expected accomplishments of the RAP (eg: source control and/or removal, reduction in contaminant concentrations, removal of "free product", containment or retardation of plume migration, reduction in areal/vertical extent of contamination, protection of nearby water supplies, etc.); and
  - (b) Proposal for establishing target clean-up concentrations based on groundwater water quality standards set forth in paragraph .0202 of 15 NCAC 2L and feasibility criteria established under paragraph .0103(e).
9. Design And Operation Of The Remedial Action System (RAS)
- (a) Construction details (including design sketches) and facility layout (superimposed on base map) of all components of the RAS including recovery wells, inteceptor trenches, infiltration galleries, groundwater treatment units, discharge facilities, etc.; and
  - (b) Operational characteristics and performance standards of all system components (eg: information on recovery wells should include duration of pumping, anticipated yield, and expected radius of influence. Data on treatment units should include influent concentrations, expected effluent concentrations, and flow rates). Discussion should address such factors as effectiveness, reliability, maintenance, and safety; and
  - (c) Consideration of all permits and approvals required for disposal of waste materials and/or discharge of effluents.
10. Follow-up Site Monitoring And Evaluation Of RAS
- (a) Plan for periodic monitoring to detect changes in groundwater movement, plume geometry, and qualitative characteristics of the plume; and to assess site response to disposal of effluent.
  - (b) Plan for continuing re-evaluation of the effectiveness of the RAS in accomplishing objectives established under item 8.

## **Appendix B**

### **Geologist's Report/Certifications/Preliminary Lab Results**



**BRIAN E. GRAY**

Consulting Geologist

2817 Jefferson Drive  
Greenville, NC 27858  
757-3351  
NC License 663

GEOLOGY • ENVIRONMENTAL • HYDROGEOLOGY

January 31, 1990

Mr. Richard Powers  
DEHNR-Groundwater Section  
P.O. Box 1507  
Washington, N.C. 27889-1507

RE: Contaminated Soil Removal  
Old Power Plant  
City of Kinston, N.C.

Dear Richard:

This letter is a report on the contaminated soil removal by Stanley Hall of Hall's Petroleum at the old power plant in Kinston, N.C. The UST's had been previously removed by Hall's Petroleum. I was hired by Mr. Hall as a consultant to assist in determining the amount of contaminated soil that needed to be removed. We removed all soil that smelled of gasoline and then screened soil samples with an OVA. Final screening of samples took place in the foot above the water table. A map of the UST pit area is included with the OVA readings and locations of sampling. Three sides showed samples well below the 10ppm level for removal. The other side still showed >100ppm but we could not excavate any further due to a 24" ductile iron pipe which we encountered during excavation. It was decided not to continue excavation in this direction. The pit was later backfilled with new material.

While we were excavating the contaminated soil from the UST pit we discovered another problem. Approximately 6" below the water table was an approximately 1 foot layer of black sand containing a heavy petroleum odor. This material seemed to smell like diesel fuel. A sample was taken to confirm or dispute this. After talking with a city employee who has worked on site for approximately 35 years it was found that there were several above ground storage tanks for fuel oil that had been located up gradient. Mr Hall then remembered that his firm had removed these tanks in 1980.

We and city officials decided to excavate near to location of the fuel oil tanks. We again found the black sand and a sample of this material was taken for identification. Several other locations were excavated to see if this material was present. These other locations showed no evidence of the black material. Locations of all excavations are included on the site map.

The sample from the UST pit (Kinston #1) was identified as old gasoline while the sample from the fuel oil location was identified as diesel. The laboratory could not distinguish between diesel and fuel oil although there are some differences depending on the blending.

It is not known at this time whether the city of Kinston wishes to retain my services for further investigation on this project. If I may be of further help to the city or to the Groundwater Section please do not hesitate to call.

Sincerely,

*Brian E. Gray*

Brian E. Gray, P.G.

*Halls Petroleum Equipment Co.  
Serving The Petroleum Industry*

P.O. Box 578  
BEULAVILLE, NORTH CAROLINA 28518  
(919) 298-3248

Jan. 25, 1990

DATE

CERTIFICATION

This is to certify that the underground fuel storage tanks located at: Old Power Station, 900 Manning Street, have been removed in accordance with Federal laws entitled "40 CFR PART 280 UNDERGROUND STORAGE TANKS".

Tanks have been removed and disposed of in accordance with these regulations and special instructions of tank owner.

*B. Frank Massey Special Manager*  
Signature and Title

Hall's Petroleum Equipment Company  
Route 2, Box 188C  
P.O. Box 578  
Beulaville, NC 28518

mbs

*Halls Petroleum Equipment Co.  
Serving The Petroleum Industry*

P.O. Box ~~988~~ 1050  
BEULAVILLE, NORTH CAROLINA 28518  
(919) 298-3248

January 25, 1990

City of Kinston  
P.O. Drawer 339  
Kinston, NC 28501

Attention: Mike Brendle

This letter is to certify that Hall's Petroleum has removed all contaminated soil from the old power station, 900 Manning Street.

This soil is being processed in accordance with existing Environmental Protection Agency rules and regulations.

Sincerely,

*A. Frank Massey*  
A. Frank Massey  
General Manager

mdb

1000+ ppm

BURIED 24" DUCTILE IRON PIPE

UST PIT

9.8 ppm  
\* 6.0 ppm  
REDUCED

7.6 ppm  
\* 3.3 ppm  
REDUCED

5.6 ppm  
\* 1.8 ppm  
REDUCED

OVA BACKGROUND = 3.8 ppm



BRIAN E. GRAY, P.G.  
Consulting Geologist

2317 Jefferson Drive  
Greenville, NC 27858

GEOLOGY • ENVIRONMENTAL • HYDROGEOLOGY

OVA RESULTS UST PIT

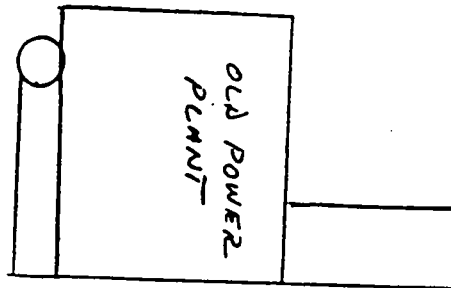
UST PIT

WILSON, LEONARD CO., N.C.

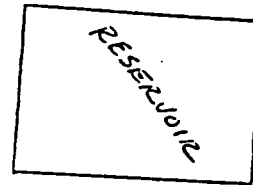
ATLANTIC AVE.

No Evidence  
of contamination  
(No Lab Testing  
performed, however)

ABOVE  
GROUND  
STORAGE  
TANKS



Lab test Attached  
Contamination Found



Active  
Deep  
wells-  
public  
water  
supply

"Little Found"  
(No Lab Test)  
(black sand)

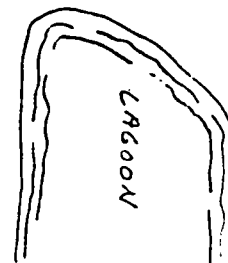
ELECTRIC  
SUB-STATION

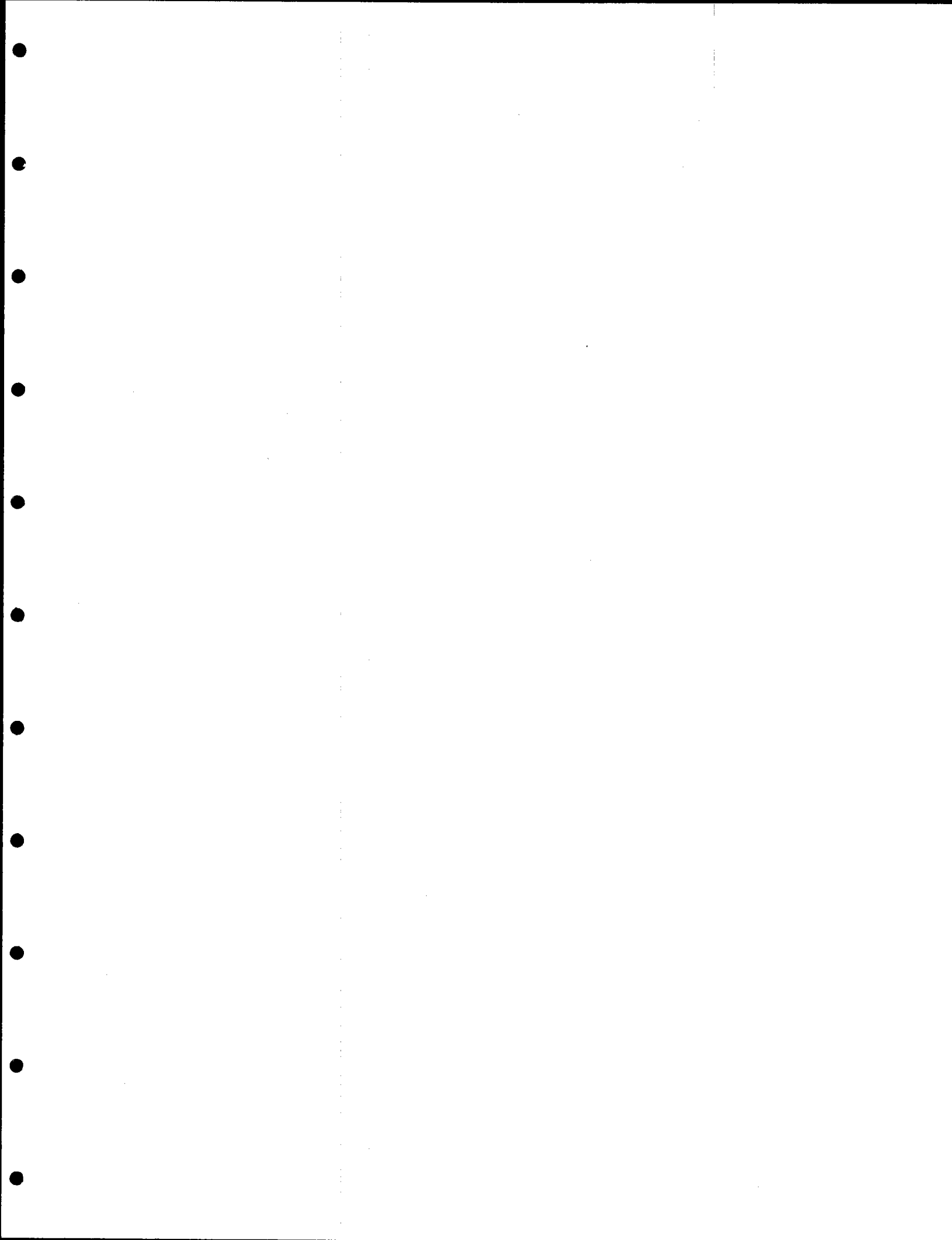
In Active  
deep well

SCALE 1"=100'

LEGEND  
● BACKHOE  
EXCAVATIONS

Neuse River





**LAW & COMPANY***Consulting and Analytical Chemists*

ESTABLISHED 1903

Main Office  
1711 Castle Street  
P.O. Box 629  
Wilmington, N.C. 28402

HALL'S PETROLEUM  
P.O. BOX 1050  
BEAULAVILLE, N.C. 28518 - 1050  
ATTN: STANLEY HALL

*Note: Tests done South  
to South East of UST Pit Area  
at 10' E 20' AWAY From Pit  
prior to discovery of black  
sand in UST Pit*

RICHARD SPIVEY, President  
919-762-7082 919-762-8956  
TWX 510-937-0280

DATE RECEIVED: 1-05-90  
DATE COLLECTED: 1-05-90  
COLLECTED BY: CUSTOMER  
LAB I.D. # EW 1069

SAMPLE DESCRIPTION: CITY OF KINSTON (POWER PLANT) SOIL SAMPLES & WATER SAMPLES

| TESTS/SAMPLES (SOIL)             | UNITS | #1     | #2     | #3     | #4     |
|----------------------------------|-------|--------|--------|--------|--------|
| TOTAL PETROLEUM FUEL HYDROCARBON | PPM   | <10*   | <10*   | <10*   | <10*   |
| BENZENE                          | PPM   | <0.1** | <0.1** | <0.1** | <0.1** |
| TOLUENE                          | PPM   | 0.8    | 0.4    | <0.1** | <0.1** |
| ETHYL BENZENE                    | PPM   | <0.1** | <0.1** | <0.1** | <0.1** |
| XYLENE                           | PPM   | 0.5    | 0.9    | <0.1** | <0.1** |

| TESTS/SAMPLES (WATER) | UNITS | #1   | #2      | #3      |
|-----------------------|-------|------|---------|---------|
| BENZENE               | PPB   | 960  | 8.9     | 15      |
| TOLUENE               | PPB   | 2650 | 15      | 23      |
| ETHYL BENZENE         | PPB   | 47   | <0.2*** | <0.2*** |
| XYLENE                | PPB   | 817  | 4.0     | 7.3     |

EPA METHOD #5030 GAS CHROMATOGRAPH (TFFH)

DETECTION LIMITS = 10 PPM

\*BELOW DETECTION LIMITS

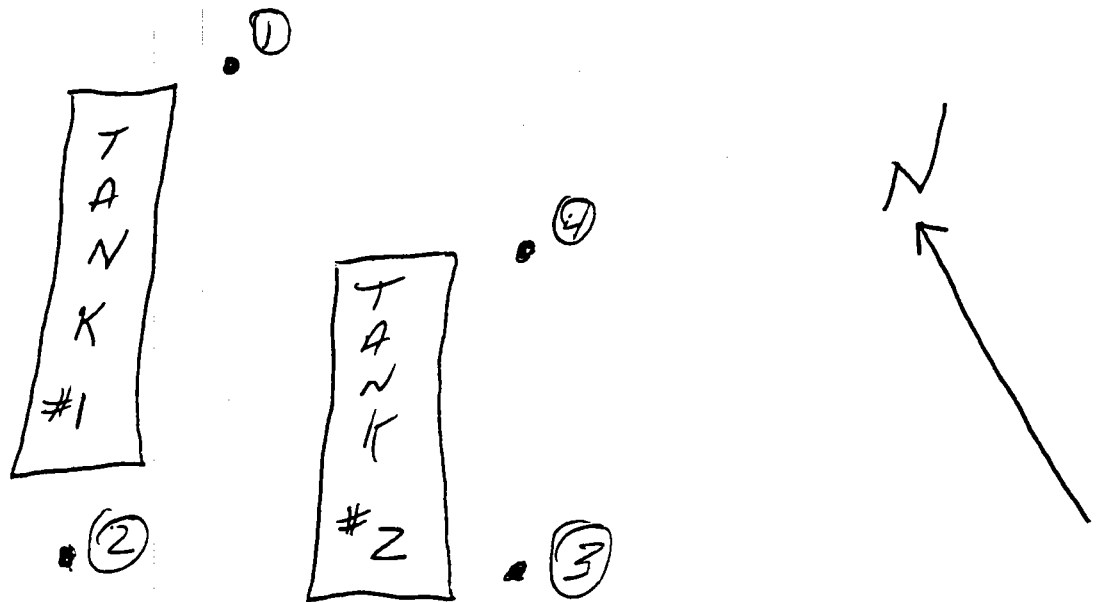
EPA METHOD #602 (BTEX - SOIL & WATER)

DETECTION LIMITS = 0.1 (SOIL) PPM

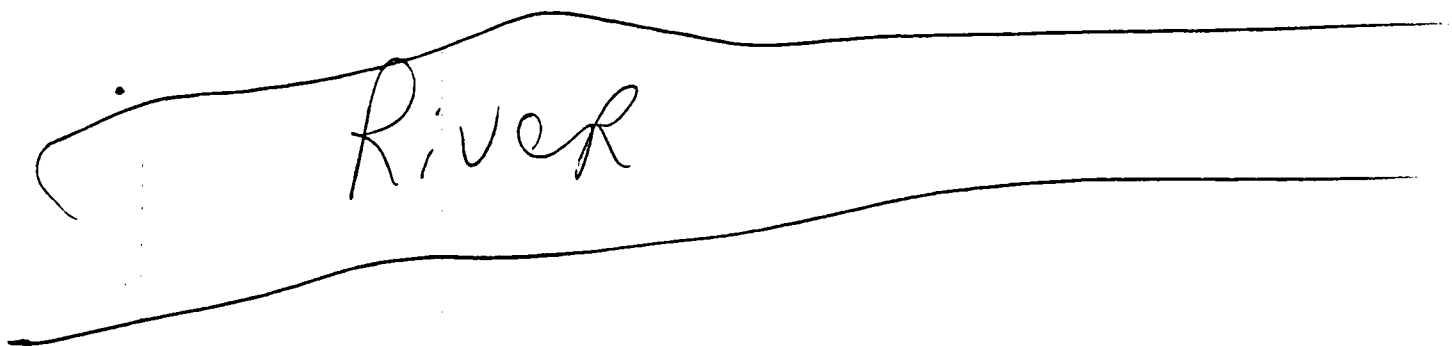
\*\*BELOW DETECTION LIMITS

*Dee Bidwan*  
LABORATORY DIRECTOR

# UST PIT AREA



TESTS/SAMPLES TAKEN PRIOR  
TO EXCAVATION OF GASOLINE  
CONTAMINATED SOILS IN  
UST PIT AREA



**LAW & COMPANY**  
*Consulting and Analytical Chemists*  
ESTABLISHED 1903

Main Office  
1711 Castle Street  
P.O. Box 629  
Wilmington, N.C. 28402

RICHARD SPIVEY, President  
919 762-7082 919 762-8956  
TWX 510 937-0280

HALL'S PETROLEUM  
ROUTE 2 BOX 188C  
BEAULAVILLE, N.C. 28518  
ATTN: STANLEY HALL

DATE RECEIVED: 12-22-89  
DATE COLLECTED: 12-21-89  
COLLECTED BY: FRANK MASSEY  
LAB I.D. # EW 9544

SAMPLE DESCRIPTION: SOIL - CITY OF KINSTON

| TESTS/SAMPLES                    | UNITS | #1   | #2   |
|----------------------------------|-------|------|------|
| BENZENE                          | PPM   | <0.1 | 293  |
| TOLUENE                          | PPM   | <0.1 | 116  |
| ETHYL BENZENE                    | PPM   | <0.1 | 45   |
| XYLENE                           | PPM   | <0.1 | 310  |
| TOTAL PETROLEUM FUEL HYDROCARBON | PPM   | <10  | 1340 |

| TESTS/SAMPLES                    | UNITS | #3   | #4   |
|----------------------------------|-------|------|------|
| BENZENE                          | PPM   | 395  | 13   |
| TOLUENE                          | PPM   | 287  | 29   |
| ETHYL BENZENE                    | PPM   | 62   | <0.1 |
| XYLENE                           | PPM   | 480  | 22   |
| TOTAL PETROLEUM FUEL HYDROCARBON | PPM   | 1510 | 82   |

EPA METHOD # 602 (BTEX)

EPA METHOD #5030 GAS CHROMATOGRAPH (TPFH)

*Dolly Richardson*  
LABORATORY DIRECTOR

1. *Chlorophyll *a** and *Chlorophyll *b** were determined by the method of Arar and Collins (1971).

114 OAKMONT DRIVE  
PHONE (919) 756-6208

0000

CITY OF KINSTON

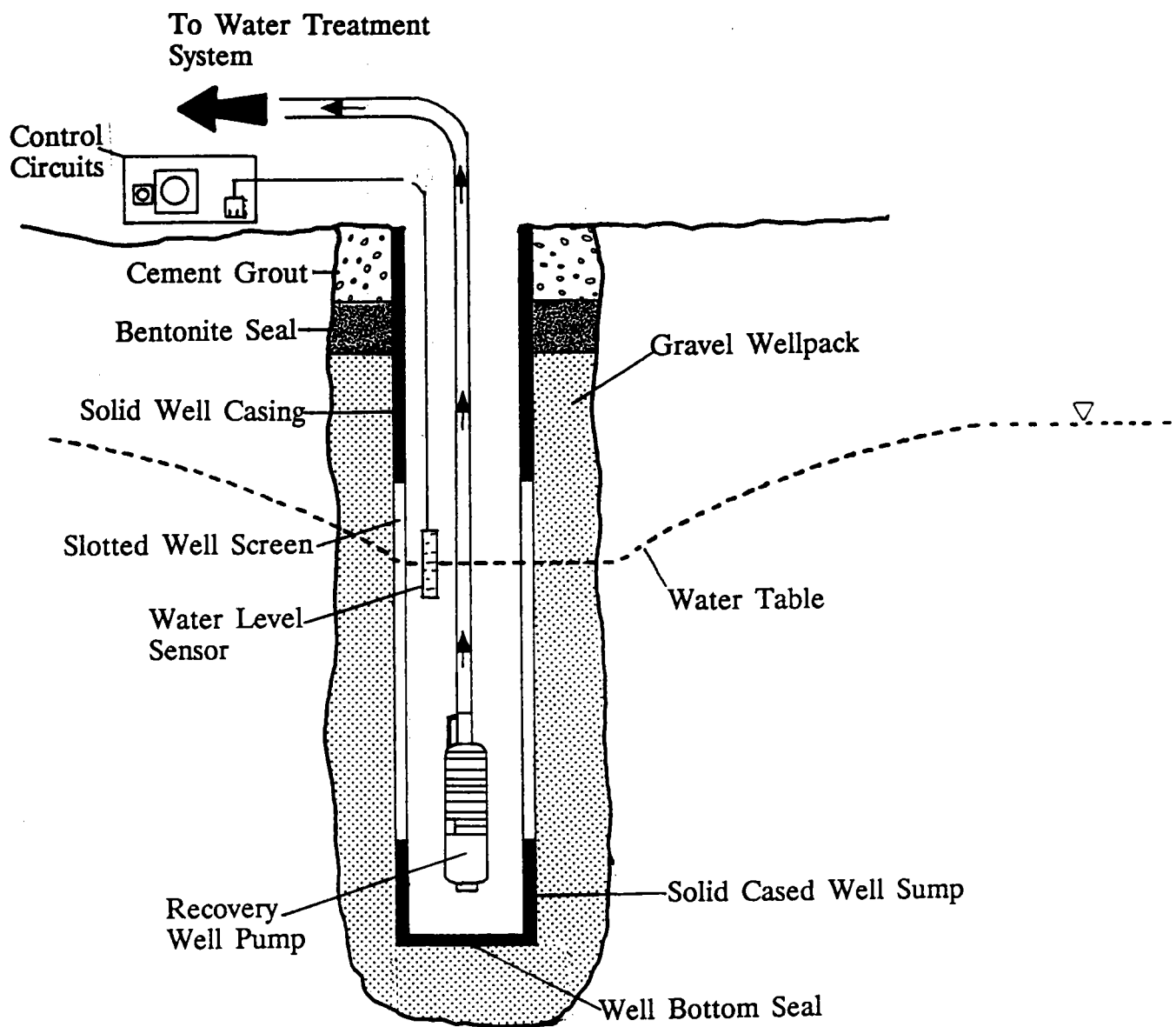
DATE: 01/04/90

**CERTIFIED BY:**

| PARAMETERS               | WELL<br>#1 | WELL<br>#3 | RESERVOIR |
|--------------------------|------------|------------|-----------|
| m-TERT BUTYL ETHER, ug/l | <1         | <1         | <1        |
| BENZENE, ug/l            | <1         | <1         | <1        |
| XYLENES, ug/l            | <1         | <1         | <1        |
| TOLUENE, ug/l            | <1         | <1         | <1        |
| ETHYLBENZENE, ug/l       | <1         | <1         | <1        |

## **Appendix C**

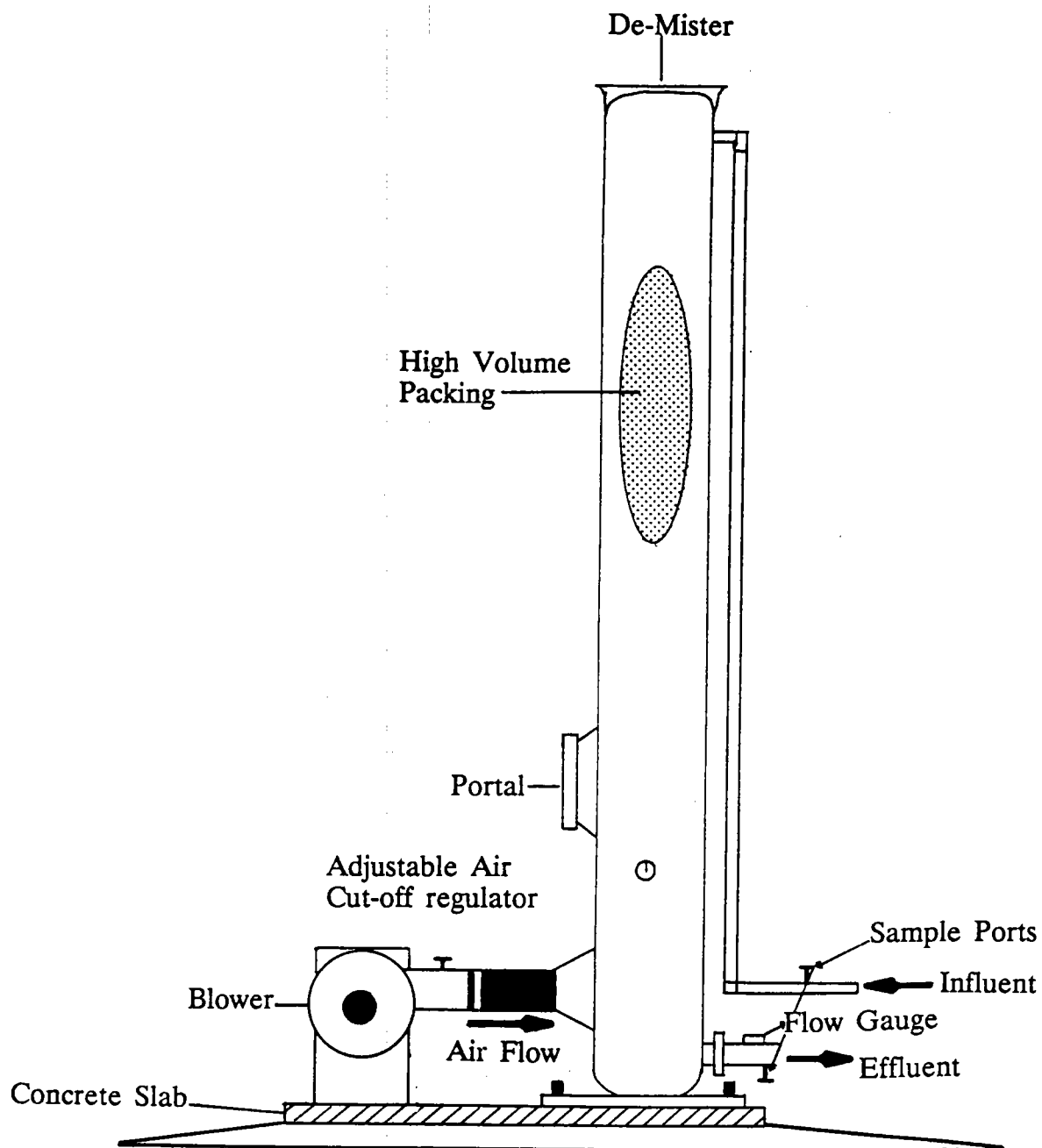
### **Well/Site Figures**



**OMNI**  
Environmental  
Services, Inc.

# RECOVERY WELL PUMP SYSTEM

|             |               |                       |
|-------------|---------------|-----------------------|
| REVISION: 0 | SCALE: None   | PROJECT NO: 61-602.02 |
|             | DRAWN BY: WCB | CHECKED BY: MER       |
|             |               | FIGURE NO: 1          |

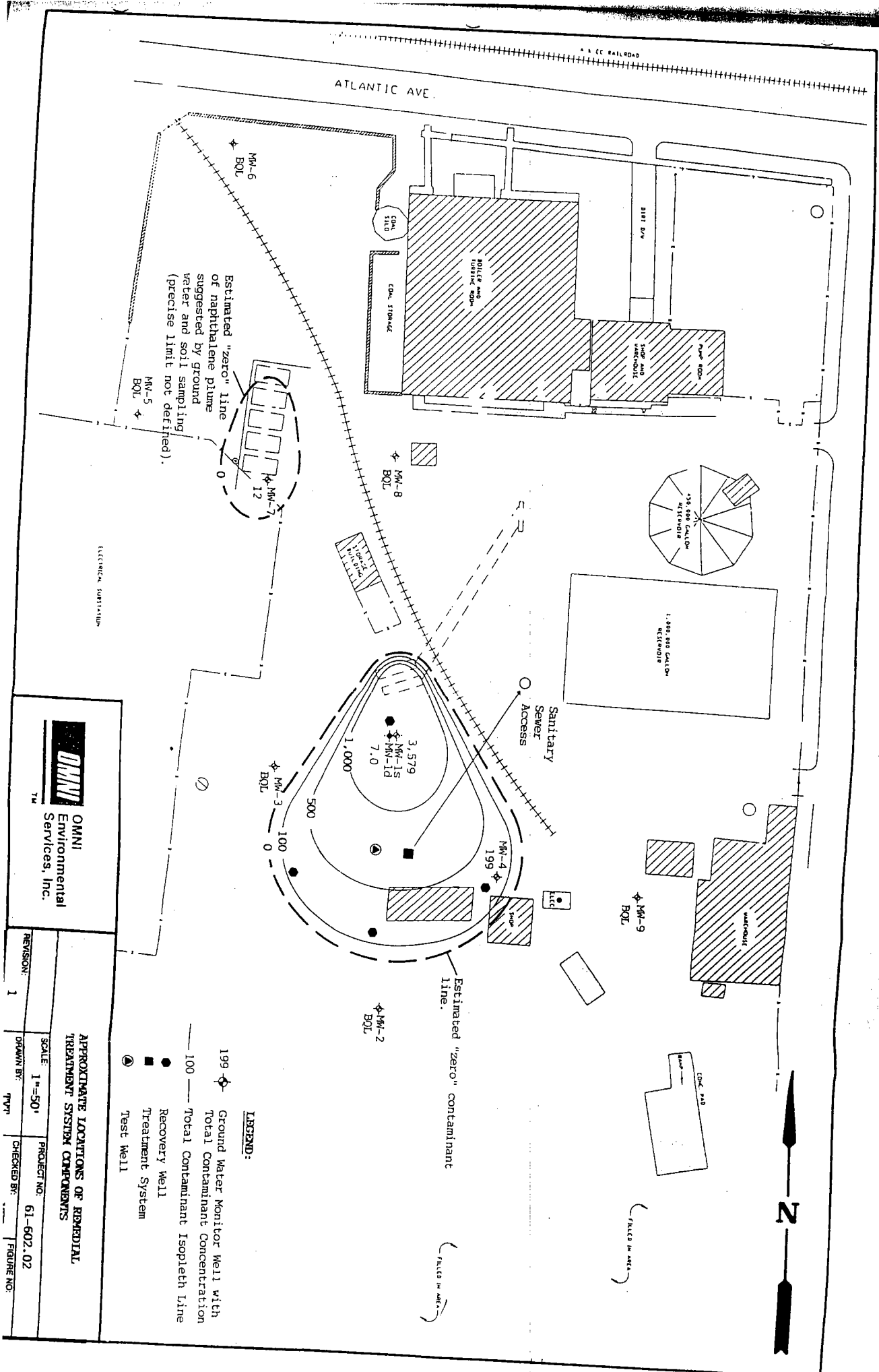


TYPICAL AIR STRIPPER



OMNI  
Environmental  
Services, Inc.

|               |  |                 |                       |
|---------------|--|-----------------|-----------------------|
| REVISION: 0   |  | SCALE: None     | PROJECT NO: 61-602.02 |
| DRAWN BY: WCB |  | CHECKED BY: MER | FIGURE NO: 2          |



OMNI Environmental Services, Inc.

**APPROXIMATE LOCATIONS OF REMEDIAL TREATMENT SYSTEM COMPONENTS**

SCALE: 1"=50'

PROJECT NO. 61-602.02

REVISION: 1

DRAWN BY: TVM

CHECKED BY:

FIGURE NO.

## **Appendix D**

### **Remediation Calculations**

## Recovery Well Calculations (Preliminary)

### Step 1: Assumptions

12 in diameter recovery well screened from 9' to 15' below grade level.

$$r_w = 0.5 \text{ ft}$$

$$K = 2.45 \text{ ft/day} * 7.49 = 18.4 \text{ gpd/ft}^2$$

Static water level = 9' below grade, 6' of total available drawdown.

$$H_o - h_w = 4' \quad 67\% \text{ of total available drawdown}$$

$$B = \text{saturated thickness (ft)} = 6 \text{ ft}$$

### Step 2: Radius of Influence

$$R_o = 3 * (H_o - h_w) * (0.47 * K)^{1/2}$$

$$R_o = 3 * (4 \text{ ft}) * (0.47 * (18.4 \text{ gpd/ft}^2))^{1/2}$$

$$R_o = (12 \text{ ft}) * (2.9) = 35.3$$

### Step 3: Flow Rate Per Well

$$Q = \frac{Kb * (H_o - h_w)}{528 \log (R_o / r_w)}$$

$$Q = \frac{18.4 \text{ gpd/ft}^2 * (6 \text{ ft}) * (4 \text{ ft})}{528 \log (35 \text{ ft} / 0.50)}$$

$$Q = 0.45 \text{ gpm}$$

## Air Stripper Calculations (Preliminary)

Step 1: List of Known Data, Assumptions and Vendor

Water Flow rate  $W = 5 \times 0.5 \text{ gpm} = 2.5 \text{ gpm}$

Water Temperature  $T = 60^\circ\text{F}$

Superficial Tower Water Flow rate  $S = 20 \text{ to } 25$ , empirical

Henry's Law Constant  $H = 180$ , for Benzene from Tables

Influent Concentration  $C_i$  Worst Case Concentrations

|              |           |
|--------------|-----------|
| Benzene      | 120 ppb   |
| Ethylbenzene | 420 ppb   |
| Toluene      | 1,100 ppb |
| Xylene       | 1,900 ppb |

|   |           |
|---|-----------|
| Effluent Concentrations $C_o$ = Benzene | 1.0 ppb   |
| Ethylbenzene                            | 29 ppb    |
| Toluene                                 | 1,000 ppb |
| Xylene                                  | 1,900 ppb |

Step 2: Calculate Tower Diameter, D

$$D = ((W \times 1.273) / S)^{1/2}$$

$$D = ((2.5 \times 1.273) / 20)^{1/2}$$

$$D = 0.40 \text{ ft}$$

Use 8" tower for safety factor

Step 3: Calculate Packing Height

$$\ln (C_i / C_o) \times 2.2$$

$$[\ln (120)] \times 2.2 = 10.5$$

use 112 ft for margin

Step 4: Calculate Tower Height

$$\text{Packing Height} + 2 \text{ ft} = 14 \text{ ft} = \text{Tower Height}$$

Step 5: Calculate Size of Blower

Vendor recommends A/W ratio of 150

$$W = 2.5 \text{ gpm} = 0.33 \text{ cfm}$$

$$A = 150 * (0.33) = 50 \text{ cfm}$$

An adjustable air cutoff is recommended so that blower pressure can be adjusted for proper operation.

## **Appendix E**

### **Monitoring Only Plan Approval Letter**

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Water Quality

James B. Hunt, Jr., Governor  
Wayne McDevitt, Secretary  
A. Preston Howard, Jr., P.E., Director



August 18, 1997

Mr. Clarence Lockamy  
City of Kinston  
Post Office Drawer 339  
Kinston, North Carolina 28502-0339

RE: Final Approval - Corrective Action Plan (CAP)  
Decommissioned Power Plant, Manning Street  
Kinston, Lenoir County, North Carolina  
Groundwater Incident No. 5493  
SITE RANK SCORE: 35/B

Dear Mr. Lockamy:

On July 3, 1997, the Groundwater Section of the Washington Regional Office received your proposed Corrective Action Plan (CAP) for the above referenced site. The site was originally ranked as a low priority site. Subsequent investigation of receptors caused the site to be re-ranked as a high priority site. As described in Title 15A North Carolina Administrative Code (NCAC), Subchapter 2L (Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina), the Division's final approval of a CAP is contingent upon consideration of public input received following notification in accordance with 15A NCAC 2L .0114. Certified mail receipts have been provided, showing proof of notification to property owners and occupants potentially affected by the approval of the proposed CAP submitted pursuant to 15A NCAC 2L .0106(l) using natural attenuation and degradation processes.

The Regional Office has considered any public comments received, and based on the staff's review and recommendations, I am hereby granting the City of Kinston final approval to implement the CAP as proposed. The Division's decision is based on the information submitted in the proposed CAP and supporting documents.

This CAP approval should not be considered an approval of any cost estimates presented in the CAP for reimbursement from the N.C. Leaking Petroleum Underground Storage Tank Cleanup Funds. The Division may only reimburse corrective action costs which are determined

Mr. Clarence Lockamy  
CAP Approval  
Decommissioned Power Plant  
Page Two

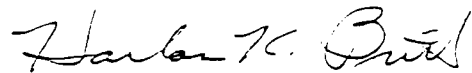
to be reasonable and necessary in accordance with 15A NCAC 2P. (Rules for the Administration of the Leaking Petroleum Underground Storage Tank Cleanup Funds) and established guidelines.

Upon receiving additional information, I may require you to perform additional monitoring, conduct additional site assessment activities, assess the performance of the ongoing corrective action, and/or evaluate the technological and economical feasibility of implementing a new technology at the subject site.

Please be advised that you are required by 15A NCAC 2L .0114(c) to notify all interested parties, as specified in paragraph (b) of that rule, that approval of the CAP has been granted by the Director. This notification is required to be made by certified mail and must be done within 30 days of receipt of the Director's decision.

If you have any questions, please call Richard Powers in the Washington Regional Office at (919) 946-6481, extension 337.

Sincerely,



*for* A. Preston Howard, Jr., P.E.

cc: Omni Professional Env. Assoc., P.A.  
Arthur Mouberry  
Burrie Boshoff  
WaRO Files

## **Appendix F**

**September 7, 1999 NC DENR Letter  
Requesting Monitoring Reduction**

State of North Carolina  
Department of Environment  
and Natural Resources  
Washington Regional Office

James B. Hunt, Jr., Governor  
Bill Holman, Secretary



**DIVISION OF WASTE MANAGEMENT  
UNDERGROUND STORAGE TANK SECTION**

September 7, 1999

Mr. Scott Stevens  
City of Kinston  
Post Office 339  
Kinston, North Carolina 28501

RE: Groundwater Monitoring Report  
**Manning Street Site**  
Kinston, Lenoir County, North Carolina  
Groundwater Incident No. 5493

Dear Mr. Stevens:

The Washington Regional Office received the above report, prepared by Omni Professional Environmental, Associates, on June 11, 1999. The report summarized the activities, water levels and water quality information from the monitoring efforts at the site. Analytical data from groundwater samples taken from the monitoring wells on site indicates continued levels of contamination. The staff of the Washington Regional Office request the following activities take place at the above referenced site:

1. Sample Monitoring Wells **MW-1S and MW-4 only** for the required constituents.
2. Please continue monitoring groundwater quarterly for the required constituents.

Thank you for your continued cooperation. Should you have questions regarding the review of your monitoring report, please contact me at (252) 946-6481, extension 219.

Sincerely,

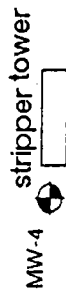
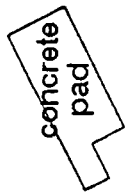
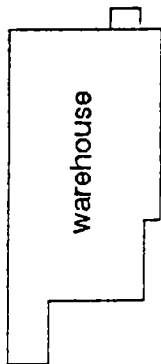
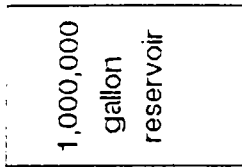
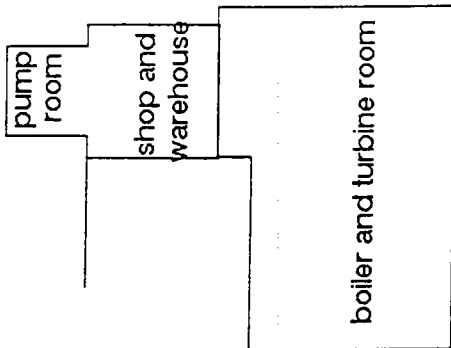
*Hassan Osman*  
Hassan Osman  
UST/Section

cc: ✓ Omni Professional Environmental Associates, P.A. P. O. Box 13404 Research Triangle  
Park, NC 27709  
Waro

## **Appendix G**

### **Well Location Site Map**

N



MW-9

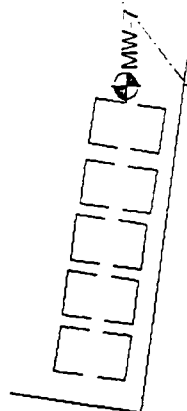
MW-8

MW-1S  
MW-1D

IW 4

MW-2

MW-6



MW-5

MW-3

OMNI

PROFESSIONAL  
ENVIRONMENTAL  
ASSOCIATES, P.A.

SITE CONFIGURATION MAP

Kinston, North Carolina

Figure No. 4

Scale: NTS

## **Appendix H**

### **Sampling Procedures**

## Standard Procedures for Monitoring Well Development Using a Bailer

A laboratory decontaminated Teflon® bailer, attached to new nylon cord, is lowered into the well and allowed to sink to the bottom. Periodic sharp upward thrusts (surging) of the bailer allows for forceful movement of water from the underlying soil formation through the screen filter pack and into the well. This causes the fine materials which are trapped in the filter pack to become suspended in the water, which is then removed by the bailer. The well development continues with water removal and periodic surging until the bailed water becomes clear, or as clear as possible. In some cases, the well will go dry before this endpoint is reached. If the well goes dry, five to ten minutes is allowed for the well to recharge, and the bailing is then resumed.

## Bailer Decontamination Methods for Organic and Metal Sampling

### A. Scope and Applicability

The objective of this Standard Operating Procedure is to outline the appropriate steps for effectively cleaning the bailer equipment prior to performing the monitoring well development and sample collection.

### B. Safety and Operating Precautions

1. While cleaning bailer parts, always wear Neoprene<sup>®</sup> gloves, splash-proof/chemical resistant safety glasses, and an impermeable lab coat/apron.
2. Follow all applicable procedures according to the IEA Employee Safety Handbook.

### C. Decontamination Procedures

#### I. Disassembling the Bailer

##### a. Cleaning Methods

- i. Disassemble bailer;
- ii. Thoroughly wash each bailer part with synthetic detergent (i.e. Liquinox).

##### b. Rinsing Methods

- i. Thoroughly rinse each bailer part with distilled water;
- ii. Rinse bailer parts with 0.1 N Hydrochloric Acid; and
- iii. Rinse each part with Isopropyl Alcohol (2-propanol).

##### c. Drying Methods

- i. Invert bailer parts onto drying rack and allow to air dry;
- ii. Re-assemble bailer (be certain that each part is attached to its original place. Suggestion: Place I.D. numbers on each part for each re-assembly);
- iii. Wrap bailer in aluminum foil; seal with tape; place in cardboard box or other storage container.

#### II. Bailer Decontamination Procedures for Organic Samples

a. Cleaning Methods

- i. Empty container of any residual material;
- ii. Wash container with a non-phosphate detergent in hot water.

b. Rinsing Methods

- i. Rinse container with tap water;
- ii. Rinse container with distilled water;
- iii. Rinse container with Isopropyl Alcohol (2-propanol).

c. Drying Methods

- i. Invert containers on drying rack and allow to air dry;
- ii. Cover each container with aluminum foil and seal in a plastic bag.

III. Bailer Decontamination Procedures for Metals

a. Cleaning Methods

- i. Empty container of any residual materials;
- ii. Wash each container with a non-phosphate detergent and tap water.

b. Rinsing Methods

- i. Rinse each container with (1:1) Nitric Acid;
- ii. Rinse with tap water;
- iii. Rinse with (1:1) Hydrochloric Acid;
- iv. Rinse with tap water;
- v. Rinse with distilled water.

c. Drying Methods

- i. Invert containers on rack and allow to air dry;
- ii. Wrap each container with aluminum foil.

## D. Equipment

### I. Disassembling the Bailer

#### 1. Chemicals

- a. Synthetic Detergent
- b. 0.1 M Hydrochloric Acid
- c. Isopropyl Alcohol

#### 2. Supplies

- a. Aluminum Foil
- b. Tape
- c. Plastic Bags

### II. Bailer Decontamination Procedure for Organic Samples

#### 1. Chemicals

- a. Non-Phosphate Detergent and Hot Water
- b. Isopropyl Alcohol
- c. De-ionized water

#### 2. Supplies

- a. Drying Rack
- b. Aluminum Foil
- c. Plastic Bags

### III. Bailer Decontamination Procedure for Metal Samples

#### 1. Chemicals

- a. Non-Phosphate Detergent and Tap Water
- b. Nitric Acid
- c. Hydrochloric Acid
- d. Distilled Water

#### 2. Supplies

- a. Drying Rack
- b. Aluminum Foil

## E. References

1. Bubacz, D. Supervisor, Inorganics Laboratory SOP 5.37: Bailer Cleaning Methods (Includes Bailer Decontamination Procedures for Organic and Metal Samples). Revision 2. Cary, NC: Industrial and Environmental Analysts, Inc.
2. Technical Publications Division. SOP 5.29: Guidelines for Preparing Standard Operating Procedures. Revision 0. Cary, NC: Industrial and Environmental Analysts, Inc.
3. Technical Publications Division. SOP 5.29A: Guidelines for Updating and Revising Standard Operating Procedures. Revision 1. Cary, NC: Industrial and Environmental Analysts, Inc.
4. IEA Employee Safety Handbook. Industrial Safety and Health Division. E. Poore, ed. Revision 0. Section 4.2 (Ref. 3): Safe Handling Procedures for Acids. Cary, NC: Industrial and Environmental Analysts, Inc.
5. IEA Employee Safety Handbook. Industrial Safety and Health Division. E. Poore, ed. Revision 0. Section 4.6 and 4.7 (Ref. 3): Safe Handling Procedures for Isopropyl Alcohol. Cary, NC: Industrial and Environmental Analysts, Inc.
6. IEA Quality Assurance Manual. Quality Assurance Division. J. Ploscyca, ed. Corporate Director, QA. Cary, NC: Industrial and Environmental Analysts, Inc.

## **Appendix I**

### **Laboratory Analysis Reports**

TRITEST, INC.  
3909 Beryl Road  
Raleigh, NC 27607  
Telephone: (919) 834-4984  
Fax: (919) 834-6497  
NC/WW Cert. #: 067

L a b o r a t o r y   R e p o r t

--- Prepared for ---

Page 1 of 3

Eric McCann  
Omni Professional  
PO Box 13404  
RTP, NC 27709

Report Date: 5/19/99  
Date Received: 5/10/99

Work Order #: 9905-00243

Project ID: 01  
Project Info: GROUNDWATER / KINSTON

Cust. Code: OMNI  
Cust. P.O. #:

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 001 MW-1S     | 5/10/1999    | 12:25        | GW     | 4±2°C     |

| Test Performed           | Method  | Results   | Tech | Date Analyzed | Qual |
|--------------------------|---------|-----------|------|---------------|------|
| Volatile Aromatics by GC | EPA 602 |           | MB   | 5/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| Ethylbenzene             | EPA 602 | 1.19 ug/L | MB   | 5/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L   | MB   | 5/18/99       |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L   | MB   | 5/18/99       |      |

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 002 MW-1D     | 5/10/1999    | 12:45        | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Date Analyzed | Qual |
|--------------------------|---------|---------|------|---------------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 5/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L | MB   | 5/18/99       |      |

---- Continued on Next Page ----

## Laboratory Report

Omni Professional

Report Date

5/19/99

Project No. 01

Work Order No.

9905-00243

No. Sample ID

002 MW-1D

| Test Performed | Method  | Results Tech | Date Analyzed | Qual |
|----------------|---------|--------------|---------------|------|
| o-Xylene       | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| m-&p-Xylene    | EPA 602 | <2 ug/L MB   | 5/18/99       |      |

No. Sample ID

003 MW-2

Date Sampled

5/10/1999

Time Sampled

11:50

Matrix

GW

Condition

4±2°C

| Test Performed           | Method  | Results Tech | Date Analyzed | Qual |
|--------------------------|---------|--------------|---------------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 5/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 5/18/99       |      |

No. Sample ID

004 MW-4

Date Sampled

5/10/1999

Time Sampled

12:10

Matrix

GW

Condition

4±2°C

| Test Performed           | Method  | Results Tech | Date Analyzed | Qual |
|--------------------------|---------|--------------|---------------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 5/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 5/18/99       |      |

---- Continued on Next Page ----

## Laboratory Report

Omni Professional

Report Date 5/19/99

Project No. 01

Work Order No. 9905-00243

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 005 MW-10     | 5/10/1999    | 13:00        | GW     | 4±2°C     |

| Test Performed           | Method  | Results Tech | Date Analyzed | Qual |
|--------------------------|---------|--------------|---------------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 5/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 5/18/99       |      |

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 006 MW-11     | 5/10/1999    | 12:25        | GW     | 4±2°C     |

| Test Performed           | Method  | Results Tech | Date Analyzed | Qual |
|--------------------------|---------|--------------|---------------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 5/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 5/18/99       |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 5/18/99       |      |

Report certified by:



for Tritest, Inc.

# Chain of Custody

Tritest W.O.# 9905-00243

**Report Results To:**

Company: Omar Pressed Environment

Address: P.O. Box 13404

RTP, NC 27700

Attn: Eric McLain

Phone: 544-5442 Fax: 544-5708

Sampled by (signature): 

Bill To:

Concord

Project Reference: Kristen

**Project Number:**

Purchase Order #:

☒ Standard Report Delivery☐ Rush Report Delivery (w/ surcharge)

...Rush projects are subject to prior approval by the laboratory

Requested Due Date:

TRITEST, INC.  
3909 Beryl Road  
Raleigh, NC 27607  
Telephone: (919) 834-4984  
Fax: (919) 834-6497  
NC/WW Cert.#: 067

L a b o r a t o r y   R e p o r t

--- Prepared for ---

Page 1 of 5

Eric McCann  
Omni Professional  
PO Box 13404  
RTP, NC 27709

Report Date: 8/20/99  
Date Received: 8/12/99

Work Order #: 9908-00435

Project ID: 01  
Project Info: KINSTON MW 602

Cust. Code: OMNI  
Cust. P.O.#:

| Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|-----------|--------------|--------------|--------|-----------|
| 001 MW-1S | 8/12/1999    | 11:15        | GW     | 4±2°C     |

| Test Performed           | Method  | Results   | Tech | Date Analyzed | Qual |
|--------------------------|---------|-----------|------|---------------|------|
| Volatile Aromatics by GC | EPA 800 |           | MB   | 8/18/99       |      |
| Benzene                  | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| Chlorobenzene            | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| Ethylbenzene             | EPA 800 | 3.79 ug/L | MB   | 8/18/99       |      |
| Methyl tert-butyl ether  | EPA 800 | 3.04 ug/L | MB   | 8/18/99       |      |
| Toluene                  | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| o-Xylene                 | EPA 800 | <1 ug/L   | MB   | 8/18/99       |      |
| m- & p-Xylene            | EPA 800 | 3.49 ug/L | MB   | 8/18/99       |      |

| Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|-----------|--------------|--------------|--------|-----------|
| 002 MW-1D | 8/12/1999    | 10:55        | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Date Analyzed | Qual |
|--------------------------|---------|---------|------|---------------|------|
| Volatile Aromatics by GC | EPA 800 |         | MB   | 8/18/99       |      |
| Benzene                  | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| Chlorobenzene            | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| Ethylbenzene             | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| Methyl tert-butyl ether  | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |
| Toluene                  | EPA 800 | <1 ug/L | MB   | 8/18/99       |      |

----- Continued on Next Page -----

## Laboratory Report

Omni Professional

Report Date

8/20/99

Project No. 01

Work Order No.

9908-00435

b. Sample ID

002 MW-1D

| Test Performed | Method  | Results Tech | Date Analyzed | Qual |
|----------------|---------|--------------|---------------|------|
| o-Xylene       | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| m-&p-Xylene    | EPA 602 | <2 ug/L MB   | 8/18/99       |      |

b. Sample ID

003 MW-2

Date Sampled

8/12/1999

Time Sampled

10:20

Matrix

GW

Condition

4±2°C

| Test Performed           | Method  | Results Tech | Date Analyzed | Qual |
|--------------------------|---------|--------------|---------------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 8/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| m-&p-Xylene              | EPA 602 | <1 ug/L MB   | 8/18/99       |      |

b. Sample ID

004 MW-3

Date Sampled

8/12/1999

Time Sampled

9:45

Matrix

GW

Condition

4±2°C

| Test Performed           | Method  | Results Tech | Date Analyzed | Qual |
|--------------------------|---------|--------------|---------------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 8/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 8/18/99       |      |

---- Continued on Next Page ----

## Laboratory Report

Omni Professional

Report Date

8/20/99

Project No. 01

Work Order No.

9908-00435

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 005 MW-4      | 8/12/1999    | 10:35        | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Date Analyzed | Qual |
|--------------------------|---------|---------|------|---------------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 8/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| m-&p-Xylene              | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 006 MW-6      | 8/12/1999    | 9:37         | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Date Analyzed | Qual |
|--------------------------|---------|---------|------|---------------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 8/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Chlorobenzene            | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Ethylbenzene             | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| Toluene                  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| o-Xylene                 | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |
| m-&p-Xylene              | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 007 MW-9      | 8/12/1999    | 10:05        | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Date Analyzed | Qual |
|--------------------------|---------|---------|------|---------------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 8/18/99       |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 8/18/99       |      |

---- Continued on Next Page ----

## Laboratory Report

Omni Professional

Report Date 8/20/99

Project No. 01

Work Order No. 9908-00435

No. Sample ID  
007 MW-9

| Test Performed          | Method  | Results Tech | Date Analyzed | Qual |
|-------------------------|---------|--------------|---------------|------|
| Chlorobenzene           | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,2-Dichlorobenzene     | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,3-Dichlorobenzene     | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| 1,4-Dichlorobenzene     | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Ethylbenzene            | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Methyl tert-butyl ether | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| Toluene                 | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| o-Xylene                | EPA 602 | <1 ug/L MB   | 8/18/99       |      |
| m-&p-Xylene             | EPA 602 | <2 ug/L MB   | 8/18/99       |      |

| No. Sample ID            | Date Sampled | Time Sampled | Matrix        | Condition |
|--------------------------|--------------|--------------|---------------|-----------|
| 008 MW-10                | 8/12/1999    | 11:15        | GW            | 4-2°C     |
| Test Performed           | Method       | Results Tech | Date Analyzed | Qual      |
| Volatile Aromatics by GC | EPA 602      | MB           | 8/18/99       |           |
| Benzene                  | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| Chlorobenzene            | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| 1,2-Dichlorobenzene      | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| 1,3-Dichlorobenzene      | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| 1,4-Dichlorobenzene      | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| Ethylbenzene             | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| Methyl tert-butyl ether  | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| Toluene                  | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| o-Xylene                 | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| m-&p-Xylene              | EPA 602      | <2 ug/L MB   | 8/18/99       |           |

| No. Sample ID            | Date Sampled | Time Sampled | Matrix        | Condition |
|--------------------------|--------------|--------------|---------------|-----------|
| 009 MW-11                | 8/12/1999    | 11:15        | GW            | 4-2°C     |
| Test Performed           | Method       | Results Tech | Date Analyzed | Qual      |
| Volatile Aromatics by GC | EPA 602      | MB           | 8/18/99       |           |
| Benzene                  | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| Chlorobenzene            | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| 1,2-Dichlorobenzene      | EPA 602      | <1 ug/L MB   | 8/18/99       |           |
| 1,3-Dichlorobenzene      | EPA 602      | <1 ug/L MB   | 8/18/99       |           |

---- Continued on Next Page ----

## Laboratory Report

Omni Professional

Report Date

8/20/99

Project No. 01

Work Order No.

9908-00435

Sample ID  
009 MW-11

| Test Performed          | Method  | Results   | Tech | Date Analyzed | Qual |
|-------------------------|---------|-----------|------|---------------|------|
| 1,4-Dichlorobenzene     | EPA 602 | <1 ug/L   | MB   | 8/18/99       |      |
| Ethylbenzene            | EPA 602 | 3.91 ug/L | MB   | 8/18/99       |      |
| Methyl tert-butyl ether | EPA 602 | 4.00 ug/L | MB   | 8/18/99       |      |
| Toluene                 | EPA 602 | <1 ug/L   | MB   | 8/18/99       |      |
| o-Xylene                | EPA 602 | <1 ug/L   | MB   | 8/18/99       |      |
| m-&p-Xylene             | EPA 602 | 2.55 ug/L | MB   | 8/18/99       |      |

Report certified by:



for Tritest Inc.

# Chain of Custody

Fritest W.O. # 4408-00435

Report Results To:

Bill To

Company: Dani Professional  
 Address: P.O. Box 13404

RTD, NC 27709

Altin: Eric McLam

Phone: 544-5442 Fax: 544-5708

Sampled by (signature): [Signature]

Project Reference: 4243500

Project Number

Package Order #

☒ I have read Fritest's Policy

☐ I have read Fritest's Policy

to specified time limit

|       | End Date<br>End Time | Matrix<br>MW SW<br>GW SW | Analyses Requested | Fritest<br>Sample # |
|-------|----------------------|--------------------------|--------------------|---------------------|
|       |                      |                          |                    |                     |
| MW-1s | 8/12/99<br>11:15     | GW                       | LEPA (3.12)        |                     |
| MW-1d | 10:35                |                          |                    |                     |
| MW-2  | 10:30                |                          |                    |                     |
| MW-3  | 9:45                 |                          |                    |                     |
| MW-4  | 10:35                |                          |                    |                     |
| MW-8  | 9:30                 |                          |                    |                     |
| MW-9  | 10:05                |                          |                    |                     |
| MW-10 | 11:30                |                          |                    |                     |
| MW-11 | 11:15                |                          |                    |                     |

Relinquished By (signature)

Relinquished By (signature)

Received By (signature)

Received By (signature)

Date

8/12/99

Time

12:55

Receipt Conditions (Lab Use Only)

☐ 4+2°C ☐ Temp. 15°C

Res Chlorine ☐ Absent ☐ Present ☒ N/A

Acid preserv ☐ Yes ☐ No ☒ N/A

Bacteriostatic ☐ Yes ☐ No ☒ N/A

TRITEST, INC.  
3909 Beryl Road  
Raleigh, NC 27607  
Telephone: (919) 834-4984  
Fax: (919) 834-6497  
NC/WW Cert.#: 067

L a b o r a t o r y   R e p o r t

--- Prepared for ---

Page 1 of 3

Eric McCann  
Omni Professional  
PO Box 13404  
RTP, NC 27709

Report Date: 11/19/99  
Date Received: 11/11/99

Work Order #: 9911-00419

Cust. Code: OMNI  
Cust. P.O.#:

Project ID: 01  
Project Info: MONITORING WELLS / KINSTON

| No. Sample ID  | Date Sampled | Time Sampled | Matrix | Condition |
|----------------|--------------|--------------|--------|-----------|
| 001 MW-1S GRAB | 11/11/1999   | 11:35        | GW     | 4±2°C     |

| Test Performed           | Method  | Results   | Tech | Analyzed | Qual |
|--------------------------|---------|-----------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |           | MB   | 11/16/99 |      |
| Benzene                  | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| Chlorobenzene            | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| Ethylbenzene             | EPA 602 | 3.50 ug/L | MB   | 11/16/99 |      |
| Methyl tert-butyl ether  | EPA 602 | 1.10 ug/L | MB   | 11/16/99 |      |
| Toluene                  | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| o-Xylene                 | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| m-&p-Xylene              | EPA 602 | 2.22 ug/L | MB   | 11/16/99 |      |

| No. Sample ID | Date Sampled | Time Sampled | Matrix | Condition |
|---------------|--------------|--------------|--------|-----------|
| 002 MW-4 GRAB | 11/11/1999   | 11:15        | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Analyzed | Qual |
|--------------------------|---------|---------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 11/16/99 |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Chlorobenzene            | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Ethylbenzene             | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Toluene                  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |

---- Continued on Next Page ----

## Laboratory Report

Omni Professional

Report Date

11/19/99

Project No. 01

Work Order No.

9911-00419

No. Sample ID  
002 MW-4 GRAB

| Test Performed | Method  | Results | Tech | Analyzed | Qual |
|----------------|---------|---------|------|----------|------|
| o-Xylene       | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| m-&p-Xylene    | EPA 602 | <2 ug/L | MB   | 11/16/99 |      |

| No. Sample ID  | Date Sampled | Time Sampled | Matrix | Condition |
|----------------|--------------|--------------|--------|-----------|
| 003 MW-10 GRAB | 11/11/1999   | 12:00        | GW     | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Analyzed | Qual |
|--------------------------|---------|---------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 11/16/99 |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Chlorobenzene            | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Ethylbenzene             | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Toluene                  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| o-Xylene                 | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L | MB   | 11/16/99 |      |

| No. Sample ID  | Date Sampled | Time Sampled | Matrix | Condition |
|----------------|--------------|--------------|--------|-----------|
| 004 MW-11 GRAB | 11/11/1999   | 11:35        | GW     | 4±2°C     |

| Test Performed           | Method  | Results   | Tech | Analyzed | Qual |
|--------------------------|---------|-----------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |           | MB   | 11/16/99 |      |
| Benzene                  | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| Chlorobenzene            | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| Ethylbenzene             | EPA 602 | 3.84 ug/L | MB   | 11/16/99 |      |
| Methyl tert-butyl ether  | EPA 602 | 1.56 ug/L | MB   | 11/16/99 |      |
| Toluene                  | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| o-Xylene                 | EPA 602 | <1 ug/L   | MB   | 11/16/99 |      |
| m-&p-Xylene              | EPA 602 | 2.41 ug/L | MB   | 11/16/99 |      |

## Laboratory Report

Omni Professional

Report Date 11/19/99

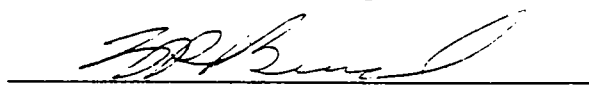
Project No. 01

Work Order No. 9911-00419

| No. Sample ID  | Date Sampled | Time Sampled | Matrix | Condition |
|----------------|--------------|--------------|--------|-----------|
| 005 BLANK GRAB | 11/11/1999   | 0:00         | MISC   | 4±2°C     |

| Test Performed           | Method  | Results | Tech | Analyzed | Qual |
|--------------------------|---------|---------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |         | MB   | 11/16/99 |      |
| Benzene                  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Chlorobenzene            | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Ethylbenzene             | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| Toluene                  | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| o-Xylene                 | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |
| m-&p-Xylene              | EPA 602 | <1 ug/L | MB   | 11/16/99 |      |

Report certified by:

  
for Tritest, Inc.

Tritest W.O.# 9911-00419

### Report Results To:

Bill To:

Company: Omni Professional

خارجی

Project Reference: Kinston

Address: P.O. Box 13404

Project Number:

RTP NC 27709

Purchase Order #:

Alt: Eric McLan

☐ Standard Report Delivery

Phone: 544-5442 Fax: 544-5708

☐ Rush Report Delivery (w/ surcharge)

Sampled by (signature):

Requested Due Date:

TRITEST, INC.  
3909 Beryl Road  
Raleigh, NC 27607  
Telephone: (919) 834-4984  
Fax: (919) 834-6497  
NC/WW Cert.#: 067

L a b o r a t o r y   R e p o r t

--- Prepared for ---

Page 1 of 3

Eric McCann  
Omni Professional  
PO Box 13404  
RTP, NC 27709

Report Date: 4/05/00  
Date Received: 3/30/00

Work Order #: 0003-01298

Project ID: 01  
Project Info: KINSTON / MONITORING WELL

Cust. Code: OMNI  
Cust. P.O.#:

| No. Sample ID        | Date Sampled | Time Sampled | Matrix | Condition |
|----------------------|--------------|--------------|--------|-----------|
| 001 KINSTON / MW1(S) | 3/29/2000    | 15:10        | GW     | 4±2°C     |

| Test Performed           | Method  | Results   | Tech | Analyzed | Qual |
|--------------------------|---------|-----------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |           | MB   | 3/31/00  |      |
| Benzene                  | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| Chlorobenzene            | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| Ethylbenzene             | EPA 602 | 2.29 ug/L | MB   | 3/31/00  |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| Toluene                  | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| o-Xylene                 | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L   | MB   | 3/31/00  |      |

| No. Sample ID         | Date Sampled | Time Sampled | Matrix | Condition |
|-----------------------|--------------|--------------|--------|-----------|
| 002 KINSTON / MW11(S) | 3/29/2000    | 15:17        | GW     | 4±2°C     |

| Test Performed           | Method  | Results   | Tech | Analyzed | Qual |
|--------------------------|---------|-----------|------|----------|------|
| Volatile Aromatics by GC | EPA 602 |           | MB   | 3/31/00  |      |
| Benzene                  | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| Chlorobenzene            | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| Ethylbenzene             | EPA 602 | 3.76 ug/L | MB   | 3/31/00  |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |
| Toluene                  | EPA 602 | <1 ug/L   | MB   | 3/31/00  |      |

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## Laboratory Report

Omni Professional

Report Date 4/05/00

Project No. 01

Work Order No. 0003-01298

No. Sample ID  
002 KINSTON / MW11(S)

| Test Performed | Method  | Results Tech | Analyzed | Qual |
|----------------|---------|--------------|----------|------|
| o-Xylene       | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| m-&p-Xylene    | EPA 602 | <2 ug/L MB   | 3/31/00  |      |

No. Sample ID Date Sampled Time Sampled Matrix Condition  
003 KINSTON / MW4 3/29/2000 15:33 GW 4±2°C

| Test Performed           | Method  | Results Tech | Analyzed | Qual |
|--------------------------|---------|--------------|----------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 3/31/00  |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Ethylbenzene             | EPA 602 | 1.84 ug/L MB | 3/31/00  |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 3/31/00  |      |

No. Sample ID Date Sampled Time Sampled Matrix Condition  
004 FIELD BLANK 3/29/2000 14:55 GW 4±2°C

| Test Performed           | Method  | Results Tech | Analyzed | Qual |
|--------------------------|---------|--------------|----------|------|
| Volatile Aromatics by GC | EPA 602 | MB           | 3/31/00  |      |
| Benzene                  | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Chlorobenzene            | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| 1,2-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| 1,3-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| 1,4-Dichlorobenzene      | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Ethylbenzene             | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Methyl tert-butyl ether  | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| Toluene                  | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| o-Xylene                 | EPA 602 | <1 ug/L MB   | 3/31/00  |      |
| m-&p-Xylene              | EPA 602 | <2 ug/L MB   | 3/31/00  |      |

---- Continued on Next Page ----

## L a b o r a t o r y   R e p o r t

Omni Professional

Report Date

4/05/00

Project No. 01

Work Order No.

0003-01298

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Report certified by:

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for Tritest, Inc.

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# Chain of Custody

Tritest W.O.# 301298

**Report Results To:**

Company: OHNI Professional Bill To: Same  
 Address: PO Box 13404  
Research Triangle Park NC  
 Attn: Kristi Farrell  
 Phone: 544-5442 Fax: 544-5708  
 Sampled by (signature): Kristi Farrell

Project Reference: Kinston  
 Project Number: \_\_\_\_\_  
 Purchase Order #: \_\_\_\_\_  
☒ Standard Report Delivery  
☐ Rush Report Delivery (w/ surcharge)  
--Rush projects are subject to prior approval by the laboratory  
 Requested Due Date: \_\_\_\_\_

| Sample Description | Compliance or G | Start Date<br>Start Time | End Date<br>End Time | Matrix<br>WAF, DW, SW, GW, Sed, etc. | Analyses Requested |
|--------------------|-----------------|--------------------------|----------------------|--------------------------------------|--------------------|
| MW1(s)             | GRAB            | 3/29<br>1500             | 3/29<br>1510         | GW                                   | EPA 602 CR-602     |
| MW11(s)            | GRAB            | 3/29<br>1515             | 3/29<br>1517         | GW                                   | "                  |
| MW4                | GRAB            | 3/29<br>1520             | 3/29<br>1533         | GW                                   | "                  |
| Field Blank        | -               | 3/29<br>1450             | 3/29<br>1455         | -                                    | "                  |
| MWx0 (Tap Blank)   | -               |                          |                      |                                      | "                  |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |
|                    |                 |                          |                      |                                      |                    |

Relinquished by (signature): Kristi Farrell Date: 3/30/00 Time: 8:25 am

Relinquished by (signature): KEB Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by (signature): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Receipt Conditions (Lab Use Only):  
☐ 4±2°C ☐ Temp: ICE °C  
 Res. Chlorine ☐ Absent ☐ Present N/A  
 Acid preserv <2? ☐ Yes ☐ No N/A  
 Base preserv >12? ☐ Yes ☐ No N/A