PHASE I ENVIRONMENTAL SITE ASSESSMENT

6.0 Acre Erwin Square/ Former Burlington Industries 2109 Hillsborough Road Durham, North Carolina 27605 S&ME Project No. 1054-10-288 B (rev.)

> Prepared for: Crescent Resources 227 West Trade Street Suite 1000 Charlotte, NC 28202



S&ME, Inc. 3201 Spring Forest Road, Raleigh, North Carolina 27616

September 28, 2011

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Crescent Ninth Street Venture I, LLC 227 West Trade Street, Suite 1000 Charlotte, NC 28202 U.S. Bank, N.A. 214 N. Tryon Street, 30th Floor, Charlotte, NC 28202

Pearlmark Mezzanine Realty Partners III, LLC TMRP III Co-Investment, LLC 200 W. Madison, Suite 3200 Chicago IL 60606

Attention: Mr. Brian T. Nicholson

Reference: Phase I Environmental Site Assessment

6.0 Acre Erwin Square/ Former Burlington Industries
1209 Hillsborough Road
Durham, North Carolina 27605
S&ME Project No. 1054-10-288 B (revised)

Dear Mr. Nicholson:

S&ME, Inc. (S&ME) was retained by Crescent Resources to prepare a Phase I Environmental Site Assessment (ESA) for the above-referenced property located in Durham, North Carolina. S&ME completed this ESA in general conformance with our proposal P186-10V (CO-04), dated September 21, 2011. The attached report includes the results of a review of the public records for the subject property (site history, interviews, and environmental regulatory records), our observations of site conditions, and a summary of environmental conditions based on our observations and reviewed public information.

This report presents an assessment of existing and past environmental conditions at the subject property based on available information reviewed and site conditions identified at the time of our evaluation. Should conditions at the subject property change or differ from the conditions detailed in this report, we suggest that S&ME be contacted so that the changed conditions can be reviewed, and our report amended accordingly.

We hope that this report is useful and responsive to your needs. Should you have any questions regarding the report or require any additional information, please contact our office at (919) 872-2660.

Sincerely, S&ME, Inc.

Thomas R. Perez J Environmental Technician

Abner F. Kiggs, Jr Project Manager

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EXECUTIVE SUMMARY

S&ME, Inc. (S&ME) has performed a Phase I Environmental Site Assessment (ESA) for a 6.0acre site located at 2109 Hillsborough Road in Durham, North Carolina. This Phase I ESA was authorized by Mr. Brian T. Nicholson, Development Manager of Crescent Resources. The following summary is intended as an overview of the Phase I ESA and does not include the complete findings and opinions of the full report.

The subject property is an undeveloped 6.0-acre parcel within a 14.27-acre parent property on the site of the former Burlington Industries Textile Mill. Historical aerial photographs and topographic maps dating back to 1913 indicate that the subject property was previously developed from at least 1913.

This Phase I ESA included research of the public records for the subject property and surrounding properties that could have a potential environmental impact on the subject property. S&ME also conducted a site reconnaissance of the subject property and a vehicle reconnaissance of the surrounding areas within a one-mile search radius.

S&ME contracted Environmental Data Resources, Inc. (EDR) to conduct an environmental database search of the subject property and the surrounding area. The 6.0-acre subject property was not identified as being listed in the reviewed databases in the EDR Radius Map Report. The parent property for the subject site, Burlington Industries, is listed in the EDR report as a Resource Conservation Recovery Act (RCRA) Non-Generator of hazardous waste and as an Underground Storage Tank (UST) facility.

Twenty "orphan sites" were identified in the EDR Radius Map Report. Orphan sites are sites that were unable to adequately be mapped due to poor address information. The parent property, Burlington Industries 87, is also listed in the orphan list as a Leaking UST/Incident Management Database/Solid Hazardous Waste Site (LUST/IMD/SHWS) site with two documented release incidents (Incident Nos. 3331 and 20604). A 2005 *Groundwater Monitoring Report*, by Mid-Atlantic Associates, Inc. shows two monitor wells on the subject site, one of which has reported concentrations of 1,1-dichloroethene. During the vicinity reconnaissance, S&ME attempted to locate these sites within the ASTM designated search radiu. None of the listed orphan sites was found to be located within the ASTM designated search radius.

One Brownfields site was identified within a former portion of the parent property. Two State Hazardous Waste Sites (SHWS) or Hazardous Substance Disposal Sites (HSDS) were identified within one-mile of the site. Twenty-three additional off-site LUST/IMD Incident sites were identified within a one-half mile search radius in the EDR report. One RCRA Small Quantity Generator and four other registered UST sites were identified within a one-fourth mile search radius in the EDR report. None of the RCRA facilities or UST facilities was found to be located adjacent to the subject site.

A site reconnaissance was performed to characterize environmental features of the subject property and to identify environmental conditions which may indicate the possible presence of contaminants on the subject property and in the surrounding area. Two groundwater monitor wells (MW-14 & MW-11) were observed on the subject property. These monitor wells were installed in conjunction with an assessment of Incident No. 20604, which is discussed in **Section 4.2.**

S&ME previously performed a Phase I ESA for the 14.27-acre parent property for the subject site for another client (with permission granted by the previous client). S&ME also performed a previous Phase I ESA for a 5.5-acre subject property (for Crescent Resources), dated October 7, 2010, which identified three recognized environmental conditions (RECs) associated with the parent property. These RECS were:

- Historical use of the parent site as a part of an industrialized cotton mill developed early in the twentieth century;
- A LUST/IMD Incident (Incident No. 3331) for a 1,000-gallon gasoline UST and a 400-gallon varsol UST previously located on the property;
- A second LUST/IMD Incident (Incident No. 20604) associated with the First Union Plaza (Wachovia) site to the west of the subject site.

S&ME also recently performed a Revised Brownfields Assessment and Receptor Survey for the subject site, dated July 11, 2011. Laboratory analytical results indicated cadmium was present at a concentration slightly exceeding the IHSB SRG (3.0 mg/Kg) in soil sample SB-4-1-3 (3.4 mg/Kg). Several other RCRA metals were present in the analyzed soil samples at concentrations exceeding their respective laboratory reporting limits, but below their respective regulatory standards. It is S&ME's opinion that the concentration of cadmium detected in soil sample SB-4-1-3 is likely due to naturally-occurring metals present in the soil. Cadmium is primarily used in nickel-cadmium batteries, and is also used in electroplating, solder and as a paint pigment. There were no specific historical sources of cadmium identified in the past use of the subject property, although it could have potentially been used as a pigment in the dye house formerly located nearby. At the level detected, the cadmium appears to be associated with mineralization of the natural Triassic soils present at the site, rather than from a chemical release.

SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), which are typical constituents of coal or crude oil. Coal-fired boilers and coal storage areas were formerly present on the northwest and southeast portions of the subject property, and railroad spurs used for coal delivery were also present. The majority of the shallow soil sampled consisted of fill material, and debris including coal fragments was observed in most of the soil borings. Based on the SVOC concentrations reported for the soil samples, the lack of any other petroleum constituents or VOCs reported for those samples and the lack of any SVOCs in the seep water samples, the reported detections of SVOCs appear to be related to remnant pieces of coal or coal dust present in the samples.

Barium was detected in both of the seep water samples at a concentration exceeding the laboratory reporting limit, but at a concentration below the 2L and 2B Standards. No other RCRA metals, or VOCs, SVOCs or PCBs were detected by the laboratory in the two seep water samples.

This assessment has revealed no evidence of RECs in connection with the property, except for the following:

- The representatives (Property Advisory Services) of the current property owner (Erwin Square Limited Partnership) of the parent property including the subject site provided a copy of a Kemper Group, HPR Department insurance map of the Burlington Industries, Inc. Durham Plant No. 0183, dated January 18, 1985 during a previous Phase I. The parent property is depicted as a central portion of the facility developed with several industrial buildings and portions of buildings. There is the potential for soil and groundwater contamination from the historical industrial uses of the site. Based on the identified features and historical uses of the site, potential contaminants include petroleum constituents, chlorinated solvents, metals and poly-chlorinated biphenols (PCBs).
- 2. The parent property, Burlington Industries Durham Plant (Facility ID No. 0-016153), is listed as a registered UST facility. Based on the UST information provided in the EDR report, three registered USTs have been permanently closed at the site. Due to conflicting closure dates and sizes of these USTs, it is unclear whether they correspond to those identified in the LUST/IMD incidents.
- 3. An incident at Burlington Industries (Incident No. 20604) was associated with the First Union Plaza site (now Wachovia). This is an active incident that has documented impacts to the groundwater on the parent property. This site has been transferred to the NCDENR Inactive Hazardous Sites Branch in 2007 and has not been closed out. In addition, a groundwater monitor well was observed on the subject site northeast of the parking lot along the western boundary of the site. Based on review of previous groundwater monitoring reports, this well was reported below detection limit (BDL) for 1,1-Dichloroethene (DCE) and chloroform. However, a report dated February 16, 2005, indicates that another monitor well on the site, not located by S&ME, had detections of 1,1-DCE of 1.84 μg/L, and 0.852 μg/L of chloroform.
- 4. During the Revised Brownfields Assessment and Receptor Survey, SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), which are typical constituents of coal or crude oil. Coal-fired boilers and coal storage areas were formerly present on the northwest and southeast portions of the subject property, and railroad spurs used for coal delivery were also present. The majority of the shallow soil sampled consisted of fill material, and debris including coal fragments was observed in most of the soil borings. Based on the SVOC concentrations reported for the soil samples, the lack of any other petroleum constituents or VOCs reported for those samples and the lack of any SVOCs in the seep water samples, the reported

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1. INTRODUCTION

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify, to the extent feasible pursuant to the processes described herein, recognized environmental conditions (RECs) in connection with the subject property. This Phase I ESA was prepared in accordance with our proposal P186-10V (CO-04), dated September 21, 2011, and the American Society for Testing and Materials (ASTM) standard entitled E 1527-05, Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process. The standard was developed to satisfy the requirements of the All Appropriate Inquiry (AAI) rule (or ASTM E1527-05) to qualify for landowner liability protections (LLPs).

ASTM defines the term recognized environmental condition (REC) as the presence or likely presence of hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into the structures on the property or into the ground, groundwater, or surface water of the property. The term does not include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies.

The scope of this project included four primary tasks: 1) a review of the public record; 2) a site reconnaissance; 3) interviews; and 4) preparation of a report. Each of these four tasks is discussed in more detail in **Section 1.2**.

With the exception of the additional services described in **Section 11**, the assessment did not include any evaluation of environmental conditions not specifically included in the ASTM E1527-05 standard including, but not limited to, sampling of materials (i.e., soil, surface water, groundwater or air), or the assessment of business risk issues such as asbestos; lead-based paint; mold, fungi or bacteria in on-site buildings; lead in drinking water; regulatory compliance; cultural/historic risks; industrial hygiene; health/safety; ecological resources; endangered species; indoor air quality; vapor intrusion; radon or high voltage power lines.

1.2 Scope of Services

This Phase I ESA consists of four components; records review, site reconnaissance, interviews and report preparation in accordance with ASTM Standard Practice E1527-05.

<u>Task 1</u> - A review of reasonably ascertainable and practically reviewable public records for the subject property and the immediate vicinity was conducted to characterize environmental features of the site and to identify past and present land use activities, on or in the vicinity of the site, which may indicate a potential for RECs. The review of the public record included:

- 1. Examination of public records made available to S&ME by regulatory personnel regarding past, present, and pending enforcement actions and investigations at the site and within the immediate vicinity.
- 2. Examination of one or more of the following resources: aerial photographs, fire insurance maps, street directories, and topographic maps of the site and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products.
- 3. Examination of the property chain-of-title back to 1940 (or earlier, if developed in 1940), and a copy of the current deed, if each is prepared by the client's attorney, to consider whether there is any evidence that past owners may have used or stored hazardous substances or petroleum products on the subject property, or whether the property deed contains any mention of an environmental lien.

<u>Task 2</u> - A site reconnaissance was performed to identify visual signs of environmental conditions on or adjacent to the site, and to evaluate evidence found in the review of public records that might be indicative of activities resulting in hazardous substances or petroleum products being used or deposited on the site. The site reconnaissance included the following activities:

- 1. A visual reconnaissance of the site and adjacent properties to observe signs of spills, stressed vegetation, buried waste, underground or above ground storage tanks, subsidence, transformers, or unusual soil discoloration which may indicate the possible presence of contaminants on the property.
- 2. The periphery of the property was viewed and a walk-through of accessible areas of the site interior was conducted.
- 3. Areas of the site were photographed to document the current use(s) of the property as well as significant conditions such as unusually discolored soil, stressed vegetation, or other significant features associated with the property.

<u>Task 3</u> – Representatives of S&ME attempted to interview the following: 1) the local fire department, 2) the property owner, and 3) the past owner of the subject property, if contact information was provided by the user. Their comments are included in the interview sections of this report.

Task 4 - The collected data were evaluated and this report was prepared.

1.3 Significant Assumptions

The slope of the water table under static conditions (no pumping interference) often approximates the land surface topography in the geologic province in which the subject property is located. Thus, the movement of groundwater is assumed to be in approximately the same direction as that of the topographic slope. Perennial surface waters (creeks, streams, rivers, etc.) are assumed to act as a discharge point for groundwater flow.

1.4 Limitations and Exceptions

The findings of this report are applicable and representative of conditions encountered at the subject property at the time of this evaluation and may not represent conditions at a later date. The review of public records was limited to that information, which was available to S&ME at the time this report was prepared. Interviews with local and state government authorities were limited to those people whom S&ME was able to contact during the preparation of this report.

We presume information obtained from the public records and from interviews is reliable. However, S&ME cannot warrant or guarantee that the information provided is complete or accurate. In the event responses requested from public agencies are provided to us following the submittal of our report, they will be forwarded to the client in the form received for evaluation by the client.

All information was derived from practically reviewable, readily available sources in compliance with the standards set forth by the ASTM Standard Practice E1527-05. Although this report satisfies the ASTM E1527-05 Standard Practice, these results are not a guarantee or warranty that no environmental conditions exist or that the subject site is free from all contamination. The ASTM Standard was developed to outline appropriate inquiry into the assessment of real property and therein "reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions."

The opinions presented in this report are based on findings derived from a site reconnaissance, a review of specified regulatory records and historical sources, and comments made by interviewees.

Limitations were encountered during the preparation of the Phase I ESA:

- Previous construction on the property has been demolished, and the site surface has been re-graded. Remaining foundations are visible in some areas. Debris and buried materials may remain beneath the soil surface.
- The historical use of the property was based on information gathered from aerial photographs and historical topographic maps, as well as available ownership records. A chain of title for the subject property was not provided to S&ME by the User for our review. Historical information was not available in five-year increments.

1.5 Special Terms, Conditions and Reliance

All materials and information used for this project were obtained by S&ME. This report is provided for the use of Crescent Ninth Street Venture I, LLC. Use of and reliance on the report by any additional parties will be at such parties' risk, and S&ME disclaims liability for any use or reliance by other parties.

S&ME has previously performed a Phase I ESA for the 14.27-acre parent property (S&ME Project No. 1054-06-488A). Permission was granted for review of the previous Phase I report by the previous client, Property Advisory Services, and the report was made available for review in preparation of this Phase I ESA.

Crescent Ninth Street Venture I, LLC may request, in writing, additional reports naming another party or parties as addressee(s), or otherwise entitling the party or parties to rely on this report. Such requests for additional addressees shall include the name and addresses of the additional addressee and any suggested wording the additional addressee wishes S&ME to consider for inclusion in the report. S&ME shall have sole discretion in (1) approving client's request for issuance of reports to additional addressees, (2) incorporating in our report any additional wording or deletions requested by the additional addressees, and (3) selecting the form of the reliance letter.

The additional addressees' use and reliance on the report will be subject to the same rights, obligations, and limitations imposed on Crescent Ninth Street Venture I, LLC in the Agreement for Services, dated September 14, 2010 and Change Order – 04, dated September 21, 2011. However, the total liability of S&ME to all addressees of the Environmental Site Assessment shall be limited to the remedies and amounts as provided in the Agreement for Services as a single Contract. The additional addressees' use and reliance on the report shall signify the additional addressees' agreement to be bound by the proposal and contract that make up the agreement between S&ME and Crescent Ninth Street Venture I, LLC. A copy of the proposal and contract between S&ME and Crescent Ninth Street Venture I, LLC is included in **Appendix VI**.

Crescent Ninth Street Venture I, LLC has requested the following additional addressees for use and reliance on the report: U.S. Bank, N.A., Pearlmark Mezzanin Realty Partners III, L.L.C., and TMRP III Co-Investment, L.L.C.

2 SITE DESCRIPTION

2.1 Location and Property Description

The subject property is an approximately 6.0-acre parcel located mostly in the center of a 14.272acre tract (parent property) that extends from Hillsborough Road to the north and West Main Street to the south. A portion of the USGS Topographic Map showing the subject property is presented as **Figure 1, Vicinity Map** (**Appendix I**). A copy of an aerial photograph, obtained from the Durham County Tax Department website, showing the general site layout and observed site features is presented as **Figure 2, Site Map** (**Appendix I**). Parcel numbers and property owner information for the parent parcel are provided in **Table 1**.

PARCEL ID	TAX PIN	SIZE (ACRES)	SITE ADDRESS	OWNER NAME	OWNER ADDRESS
105053	0822-17-22-3022	14.272	2109 Hillsborough Road Durham, NC 27610	Erwin Square Limited Partnership	2020 West Main Street Suite 300 Durham, NC 27705

2.2 Site Vicinity and General Characteristics

The subject property is located in an area of recently developed, commercial and urban residential development located in the western portion Durham, North Carolina. The neighboring properties to the subject site appear to be used primarily for upscale apartments and offices. Other properties in the vicinity consist of commercial, small business, student housing and light industrial businesses.

2.3 Current Use of Property

The majority of the property is vacant. A small existing asphalt-paved parking lot is located on the southwest corner of the property. An asphalt-paved parking lot (for the adjacent student housing building) is also located on the southeast portion of the property extending southward to Main Street.

2.4 Structures, Roads, and Other Improvements On-Site

The southwestern side of the site is developed with an asphalt-paved parking lot and a gravel driveway and parking lot. The southeast portion of the site is developed with a portion of an asphalt-paved parking lot currently used by the student housing building adjacent to the east of the site. The remaining area of the site is a vacant grassed field formerly occupied by several Burlington Industries buildings, with areas of remnant concrete foundation slabs. The eastern portion of the parent property is a vacant grassed field with some trees, formerly occupied by portions of several Burlington Industries buildings.

2.5 Current Uses of the Adjoining Properties

During the site reconnaissance, S&ME conducted a visual survey of the surrounding area. The property is adjacent to other portions of the parent property on the north and south. In addition, an approximate 50-foot wide portion of the parent property is located along the east side of the site. The subject property is bound on the west by an access road for Erwin Square Plaza and Ninth Street Station, and is adjoined on the southwest by a parking lot for the Erwin Square Plaza building. Duke University Student Housing is located adjacent to the east of the parent property. Main Street is adjacent to the south of the parent property with a railroad south of Main Street. Hillsborough Road is to the north of the parent property, with a parking lot across the road.

2.6 Past Uses of the Adjoining Property

S&ME personnel assessed previous uses of the adjoining properties by reviewing historical aerial photography and topographic maps. Based on these sources the site was once part of the former Burlington Industries Erwin Mills textile plant, which occupied the site and surrounding area from the 1890s until the 1980s. All of the former industrial facilities have been razed from the parent property, which is presently, a grassed field. The adjoining properties appear to have been portions of the Burlington Industries Textile Mill, within the parent property until the mill was demolished between 1987 to1989. Surrounding properties to the parent property appear to have been mixed residential and light industrial with redevelopment of areas to the west beginning in the early 1990s.

3 USER PROVIDED INFORMATION

According to ASTM E 1527-05, the User of the Phase I ESA (Crescent Ninth Street Venture I, LLC) is responsible for performing certain tasks "that may be material to identifying recognized environmental conditions." S&ME provided, in our proposal for Phase I Environmental Site Assessment (S&ME Proposal No. P186-10V (CO-04), dated September 21, 2011), a User Questionnaire and checklist of User-Furnished Information to assist in gathering this user provided information. The User Questionnaire was not completed or returned. However, the questionnaire for the previous Phase I ESA was completed and returned by Mr. Brian Natick, Senior Development Manager of Crescent Resources, on October 5, 2010.

3.1 Title Records

Crescent Ninth Street Venture I, LLC did not provide a chain-of-title for our review. Review of the property deed included with the previously obtained Environmental LienSearch[™] Report provided by EDR (Book 1393, Pages 682 – 687) indicated that the current owners, Erwin Square Limited Partnership, obtained the property on August 12, 1987. The previous owner listed on the deed is Burlington Industries, Inc. A copy of the deed and Environmental LienSearch[™] Report are included in **Appendix II**.

3.2 Environmental Liens or Activity and Use Limitations

The ASTM E-1527-05 Standard specifically defines Activity and Use Limitations (AULs). AULs are an indicator of a current or past release of a hazardous substance or petroleum products on the property. "AULs are an explicit recognition by a federal, tribal, state, or local regulatory agency that residual levels of hazardous substances or petroleum products may be present on a property, and that unrestricted use of the property may not be acceptable." AULs can include both institutional and engineering controls.

Mr. Natwick indicated in his responses to the questionnaire that he was not aware of any environmental clean-up liens or Activity and Use Limitations associated with the subject property. Per the user's request, an environmental lien and AUL search was performed by S&ME for the site. According to the EDR Environmental LienSearch[™] Report, no environmental liens or activity use limitations were found in regard to the subject site. A copy of the EDR Environmental LienSearch[™] Report at LienSearch[™] Repo

3.3 Specialized Knowledge

No specialized knowledge regarding the subject property was provided by Crescent Ninth Street Venture I, LLC, except for the previously conducted Phase I ESA, dated October 7, 2010 and the Revised Brownsfields Assessment and Receptor Survey, dated July 18, 2011.

• S&ME also performed a previous Phase I ESA for a 5.5-acre subject property (for Crescent Resources), dated October 7, 2010, which identified three recognized

environmental conditions (RECs) associated with the parent property. These RECS were:

- 1. Historical use of the parent site as a part of an industrialized cotton mill developed early in the twentieth century;
- 2. A LUST/IMD Incident (Incident No. 3331) for a 1,000-gallon gasoline UST and a 400-gallon varsol UST previously located on the property;
- 3. A second LUST/IMD Incident (Incident No. 20604) associated with the First Union Plaza (Wachovia) site to the west of the subject site.
- S&ME also recently performed a Revised Brownfields Assessment and Receptor Survey for the subject site, dated July 11, 2011.
 - Laboratory analytical results indicated cadmium was present at a concentration slightly exceeding the IHSB SRG (3.0 mg/Kg) in soil sample SB-4-1-3 (3.4 mg/Kg). Several other RCRA metals were present in the analyzed soil samples at concentrations exceeding their respective laboratory reporting limits, but below their respective regulatory standards. It is S&ME's opinion that the concentration of cadmium detected in soil sample SB-4-1-3 is likely due to naturally-occurring metals present in the soil. Cadmium is primarily used in nickel-cadmium batteries, and is also used in electroplating, solder and as a paint pigment. There were no specific historical sources of cadmium identified in the past use of the subject property, although it could have potentially been used as a pigment in the dye house formerly located nearby. At the level detected, the cadmium appears to be associated with mineralization of the natural Triassic soils present at the site, rather than from a chemical release.
 - 2. SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), which are typical constituents of coal or crude oil. Coal-fired boilers and coal storage areas were formerly present on the northwest and southeast portions of the subject property, and railroad spurs used for coal delivery were also present. The majority of the shallow soil sampled consisted of fill material, and debris including coal fragments was observed in most of the soil borings. Based on the SVOC concentrations reported for the soil samples, the lack of any other petroleum constituents or VOCs reported for those samples and the lack of any SVOCs in the seep water samples, the reported detections of SVOCs appear to be related to remnant pieces of coal or coal dust present in the samples.
 - 3. Barium was detected in both of the seep water samples at a concentration exceeding the laboratory reporting limit, but at a concentration below the 2L and

2B Standards. No other RCRA metals, or VOCs, SVOCs or PCBs were detected by the laboratory in the two seep water samples.

3.4 Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information regarding environmental conditions at the subject property was provided by the User during this assessment.

3.5 Valuation Reduction for Environmental Issues

Mr. Natwick indicated that the purchase price reasonably reflects the fair market value of the property.

3.6 Owner, Property Manager, and Occupant Information

The subject property is currently owned by Erwin Square Limited Partnership. The site is managed by Mr. Rodney Allison with Property Advisory Services. The site is vacant except for a small gravel parking lot which is not being used.

3.7 Reason for Performing Phase I ESA

Crescent Ninth Street Venture I, LLC has indicated that the reason for performing this Phase I ESA is in connection with a proposed real estate transaction and anticipated application for a Brownfields Agreement. The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to ASTM E 1527-05, RECs in connection with the property and to "define good commercial and customary practice in the United States of America for conducting an environmental site assessment on a piece of commercial real estate with respect to the range of contaminant with the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations to CERCLA liability (hereinafter, the "landowner liability protections (LLPs)": that is, the practice that constitutes all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice."

3.8 Other

No other information was provided by the User in connection with the subject property.

4 **RECORDS REVIEW**

4.1 Standard Environmental Record Sources

S&ME contracted EDR to prepare a Radius Map Report compiling federal and state environmental database information to identify environmental sites and activities within a specified radius of the subject property from the regulatory records of the United States Environmental Protection Agency (EPA) and the North Carolina Department of Environment and Natural Resources (NCDENR). The purpose of the EDR report was to identify known environmental site and activities within a radius of potential concern from the subject property, as outlined by ASTM Standard Practice E1527-05. The EDR Report, including descriptions of the databases, is included in **Appendix II**.

Database	Agency	Approximate Distance Searched (Miles)
NPL	EPA	1.00
PROPOSED NPL	EPA	1.00
DELISTED NPL	EPA	0.50
NPL RECOVERY	EPA	Subject property
CERCLIS	EPA	0.50
CERC-NFRAP	EPA	0.50
CORRACTS	EPA	1.00
RCRA TSD	EPA	0.50
RCRA-LQG	EPA	Subject property/adjoining
RCRA-SQG	EPA	Subject property/adjoining
US ENG CONTROLS	EPA	Subject property
US INST CONTROL	EPA	Subject property
ERNS	NRC and USCG	Subject property
HMIRS	EPA	Subject property
DOD	EPA	1.00
FUDS	EPA	1.00
US BROWNFIELDS	EPA	0.50
CONSENT	EPA	1.00
ROD	EPA	1.00
UMTRA	EPA	1.00
ODI	EPA	0.50
TRIS	EPA	Subject property
TSCA	EPA	Subject property
FTTS	EPA	Subject property
SSTS	EPA	Subject property
ICIS	EPA	Subject property
PADS	EPA	Subject property
MLTS	EPA	Subject property

ASTM STANDARD DATABASE SEARCH

Database	Agency	Approximate Distance Searched (Miles)
MINES	EPA	0.25
FINDS	EPA	Subject property
RAATS	EPA	Subject property
SHWS	NCDENR	1.00
NC HSDS	NCDENR	1.00
IMD	NCDENR	0.50
State Landfill	NCDENR	0.50
OLI	NCDENR	0.50
LUST	NCDENR	0.50
LUST TRUST	NCDENR	0.50
UST	NCDENR	Subject property/adjoining
AST	NCDENR	Subject property/adjoining
INST CONTROL	NCDENR	Subject property
VCP	NCDENR	0.50
DRYCLEANERS	NCDENR	0.50
BROWNFIELDS	NCDENR	0.50

S&ME also reviewed a map the Federal Indian Reservation lands for North Carolina. This map was obtained from the U.S. Department of the Interior. Based on our review of this map, no tribal lands or Indian reservations are present on the subject property or local vicinity. A copy of the Federal Lands and Indian Reservations Map is included in **Appendix III**.

The 6.0-acre subject property was not identified as being listed in the reviewed databases in the EDR Radius Map Report. The parent property for the subject site, Burlington Industries, is listed in the EDR report as a RCRA Non-Generator of hazardous waste and as an UST facility. One North Carolina Brownfields site was identified within a former portion of the parent property. Two State Hazardous Waste Sites (SHWS)/ Hazardous Substance Disposal Sites (HSDS) were identified within one-mile of the site. Twenty-three additional off-site LUST/IMD Incident sites were identified within a one-half mile search radius in the EDR report. One RCRA Small Quantity Generator and four other registered UST sites were identified within a one-fourth mile search radius in the EDR report. None of the RCRA facilities or UST facilities was found to be located adjacent to the subject site. S&ME obtained information from the public record for the listed LUST/IMD incidents located within one-quarter mile of the subject property.

Twenty "orphan sites" were identified in the EDR Radius Map Report. Orphan sites are sites that were unable to adequately be mapped due to poor address information. The parent property of the subject site was listed on the EDR Orphan Summary sites list as Burlington Industries 87 with a Leaking Underground Storage Tank (LUST) incident and as an Incident Management Database (IMD) site with two documented release incidents. Liggett & Meyers Tobacco Co. was also listed on the orphan list as an Above Ground Storage tank facility. During the vicinity reconnaissance, S&ME attempted to find the other sites within the ASTM designated search radii. None of the other orphan sites were found within the designated ASTM search radii.

4.2 Regulatory File Review

- 1) The parent property, Burlington Industries Durham Plant (Facility ID No. 0-016153), at 2100 West Main Street, is listed as a registered UST facility and as a RCRA Small Quantity Non-Generator (EPA ID No.NCD982093916). Based on the UST information provided in the EDR report, three registered USTs have been permanently closed at the Burlington Industries site. These USTs were listed as a 1,000-gallon gasoline UST installed in 1950 and closed in 1988, a 500-gallon waste oil UST installed in 1980 and closed in 1988, and a 250-gallon Stoddard solvent UST installed in 1950 and closed in 1988. The location of the USTs is not provided, so it is unclear where they were located at the Burlington Industries facility. A 1,000-gallon gasoline UST and a 400-gallon "varsol" UST were removed from the subject site in 1987 associated with LUST/IMD Incident 3331 discussed below. Stoddard solvent is also known as varsol. Due to conflicting closure dates and sizes of these USTs, it is unclear whether they correspond to those identified in the LUST/IMD incidents. The RCRA Non-Generator hazardous waste summary lists waste code F001, spent halogenated solvents used in degreasing as the type of waste that had been generated. No hazardous waste violations were found in the public record for the parent property.
- 2) Of the 23 total off-site LUST/IMD incidents identified within a ¹/₂ -mile radius, ten of these incident sites were identified within approximately ¹/₄ miles of the target property. Five of the sites within a ¹/₄-mile radius have been classified by NCDENR as Closed-Out, indicating that they have been assessed and remediated to satisfy NCDENR requirements. These closed sites are the Park Research Center, Sam's Quick Shop, Regulator Book Shop, 9th Street Amoco, and Duke University American Dance Festival. The Park Research Center is identified in the EDR Report as being located approximately 500 feet south-southwest of the subject property at 104 Alexander Drive. This site was miss-plotted in the EDR Report, as Alexander Drive is located several miles to the southeast of the site. The two on-site incidents and the five off-site open incidents within ¹/₄-mile radius are discussed below.

The parent property, Burlington Industries 87 (Incident Nos. 3331 and 20604), is on the Orphan Site list as a SHWS/LUST/IMD site with two documented release incidents and as a registered UST facility. Based on our review of the public record and previous S&ME Phase I reports, soil contamination was identified during the removal of two USTs in 1987, one approximately 1,000-gallon UST formerly used for gasoline storage and one approximately 400-gallon UST for varsol storage (Incident No. 3331). Based on the public record, this LUST incident was located adjacent to a railroad spur formerly located on the southwest portion of the Burlington Industries site parent property. This area is now the subdivided 3-acre parcel of the parent property. Contaminated soil was identified and excavated from the UST pit. Confirmatory soil samples from the base of the excavation were submitted for analysis and were not found to contain targeted petroleum compounds. A North Carolina Division of Environmental Management, Groundwater Section Memorandum, dated August 15, 1988, stated that it appeared that the contaminated soils had been removed, and the incident was considered to be closed by NCDENR.

The second incident at Burlington Industries (Incident No. 20604) was associated with the First Union Plaza site (now Wachovia) located adjacent to the southwest of the subject site. Two other petroleum USTs and a bleachery were identified to the northeast of the First Union Plaza building during a *Phase I ESA and Limited Groundwater Assessment* in 1997. These USTs were located on the parent property along the western property boundary and the bleachery was located nearby to the west of the subject site. Petroleum and chlorinated volatile organic compound contamination was identified in the soil and groundwater samples. A Request to Decrease Frequency of Groundwater Monitoring letter from MACTEC Engineering and Consulting, Inc. dated April 18, 2003 stated that NCDENR approved a Corrective Action Plan (CAP) dated February 29, 2000 that recommended natural attenuation with groundwater monitoring. Groundwater monitoring continued at the site, by Law Engineering/MACTEC through December 2004 and by Mid-Atlantic Associates, Inc. in 2005. Figures included in the Semi-Annual Groundwater Monitoring Report, January 2005 Sampling Event depict monitor wells on the central and southern portion of the parent property. According to Mr. John Walch with the NCDENR Waste Management Division, Inactive Hazardous Sites Branch (IHSB), this site was moved to the IHSB in 2007 (record of communication in Appendix IV).

The West Main BP at 1922 West Main Street (Incident No. 10971) is located approximately 1,200 feet to the east of the subject site and is at a higher relative elevation. A release of petroleum hydrocarbons was detected in conjunction with UST closure activities in July 1993. Review of available records maintained by NCDENR indicates that semi-annual groundwater monitoring reporting has been conducted by EMS Environmental, Inc. EMS Proposal and Task Authorization dated February 23, 2010 indicated that free product removal has taken place monthly with quarterly free product reporting to NCDENR. The EMS Figure included in the Task Authorization, dated July 30, 2009, indicates that localized groundwater surrounding the site flows predominantly in a southeast direction, away from the subject site.

The Ninth Street Bakery (Incident No. 16846), at 776 Ninth Street, is approximately 1000 feet northeast of the subject site at a lower relative elevation. Based on the EDR report, minor soil contamination associated with a 5,000-gallon and a 900-gallon gasoline UST removal was documented on September 28, 1995. Report comments included "Accepted as State Lead site March 18, 2005, RKD". The site was closed out on August 17, 2009 with a Notice of Residual Petroleum, as per NCDENR (record of communication in **Appendix IV**).

Pattishall's Garage (Former) at 1900 West Markham Avenue (Incident No. 16365) is located approximately 1,200 feet east-northeast of the subject site and at a lower relative elevation than the site. A release of petroleum hydrocarbons was detected in conjunction with UST closure activities in January, 1996. A Notice of Regulatory Requirements dated July 1, 2004 from NCDENR requesting further action by the responsible party was observed in the available records. No subsequent records pertinent to this site were observed.

The Exxon-Durham (Incident No. 20479) at 2508 Hillsborough Road is located approximately 1,350 feet west-northwest of the subject site and at a lower relative elevation than the site. A release of petroleum hydrocarbons was documented in a UST closure report

dated August 18, 1999. The most recent available record reviewed is a Notice of Regulatory Requirements from NCDENR dated March 1, 2007, requesting further action in response to the release.

Duke University American Dance (Incident No. 33532) at 715 Broad Street is located approximately 1,400 feet east of the subject site at a lower elevation. A 24-Hour Release reported on May 15, 2008 reported that a 1,127-gallon UST was removed with approximately 38 tons of soil excavated. Closure samples were reported above soil-to-groundwater maximum soil contaminant concentrations (MSCCs). The incident is listed as being in the response phase on the EDR Report. However, review of files at NCDENR found the records to also be associated with Incident No. 33539, which is closed out with a Notice of Residual Petroleum on September 2, 2009. The description of each UST removal is the same on the EDR Report. NCDENR Pre-Approval Task Authorization dated September 30, 2009 discusses implementation of Corrective Action Plan activities for Incident No. 33539.

4) A review of the HSDS/SHWS list has revealed that there are two listed facilities within approximately one mile of the target property. Both of the sites are reported to be at a higher elevation than the subject property.

Liggett & Myers Tobacco Co. (EPA Facility ID No. NCD097724009) is the owner of a facility referred to as the Smith Storage Building Site located near Buchanan Boulevard and Maxwell Avenue. The site is located approximately 3,200 feet southeast of the subject property at a higher relative elevation with respect to the subject site, but is not located topographically upgradient from the site. Spent solvent from printing operations were stored in a UST at the site and soil contamination was discovered during site assessment activities in 1988. A letter from the Liggett Group, Inc., dated December 8, 2000, indicated that soil sampling conducted in August 1992 revealed toluene and xylene concentrations were below the "Health Based" Soil Remediation Goals from Section 4.1.1.1 of the Inactive Hazardous Sites Program. Also, toluene was below the "Protection of Groundwater" Soil Remediation Goals in Section 4.1.1.2 of the Inactive Hazardous Sites Program. The site was assigned a "No Further Action" status on the Inactive Hazardous Sites Program inventory in a letter from NC DENR dated May 13, 2002. However, subsequent correspondence dated January 23, 2003 indicates the No Further Action letter was sent by mistake and that the site was included on the October 2002 Inactive Hazardous Waste Sites Priority List. No subsequent records pertinent to this site were observed.

The Joseph Wand Property, (EPA Facility ID. No. NONCD0002693) is located approximately 3,800 feet northwest of the property at a higher elevation. It is listed as an Inactive Hazardous Sites and Pollutant-Only Site. According to a 24-Hour Release and UST Leak Reporting Form, a 575-gallon heating oil UST was removed with approximately 28 tons of soil. Initial soil samples were 1,050 ppm diesel range organics, but post excavation sampling was below soil-to-groundwater MSCCs. 5) A review of the RCRA Conditionally Exempt Small Quantity Generator list revealed that there is one listed facility within ¹/₄ mile of the site.

Bernard's Formal Wear (EPA ID: NCD986187243) located at 734 Ninth Street is approximately 700 feet east northeast of the subject site. The facility generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time, under waste code F002 - Spent Halogenated Solvents. No violations were recorded in the EDR report.

6) One Brownfields site was listed as being within one quarter mile from the site, on a 6-acre portion of the parent property.

Erwin Square, located at 2211 Hillsborough Street is located 700 feet north of the site at a lower elevation. Review of the public record at NCDENR included a Phase I performed by Professional Service Industries, Inc. for W.P. Lofts, LLC in January 2003. On-site recognized environmental conditions included groundwater impacted with 1,1-dichloroethene, possibly from the Former Burlington Industries site and subsurface lines running through the property from the textile facility toward a sewage lagoon north of Hillsborough Road. This area was also the site of the former three million gallon water reservoir that was present in the early1900s. Additional assessment was recommended of groundwater and soil. W.P. Lofts applied for a Brownfields Agreement for the Erwin Square site. The 6-acre parcel was accepted into the Brownfields program on January 8, 2003. Land use restrictions for the Erwin Square site are designated as part of the Brownfields Agreement. These include restrictions prohibiting use of groundwater without assessment and approval from NCDENR, installing basements or otherwise disturbing soil. Additionally, each year the agreement is in effect the owner must submit a notarized Land Use Restrictions Update.

4.3 Additional Environmental Record Sources

No additional environmental record sources were reviewed other than those referenced in **Section 4.1**.

4.4 Physical Setting Sources

4.4.1 Review of Topographic Map

S&ME personnel reviewed a U.S. Geological Survey (USGS) 7.5-minute series Northwest Durham and Southwest Durham, North Carolina topographic maps, both dated 2002 (**Figure 1**, **Appendix I**) to examine the topography and surface drainage of the subject property and vicinity.

The USGS map shows the subject site as vacant open land. The remainder of the parent property is located to the north and south of the subject site, and a sewage disposal structure is shown to the north of the parent property across Hillsborough Street. A railroad track is located at a higher elevation approximately 400 feet south of the subject property.

Based on a review of the USGS map, the site slopes gently to the northwest with elevations ranging from 410 feet above mean sea level (MSL) near the center of the site to 420 feet MSL near the southeast corner. A topographic ridge is located nearby to the south of the site. Areas beyond the ridge south of the site slope to the southwest towards an unnamed intermittent tributary of Sandy Creek. The site and areas north of the site slope to the northeast to an unnamed tributary of Ellerbe Creek. Surface hydrologic flow on the site is expected to be generally to the northwest. The site may receive runoff from the immediate vicinity to the east and south.

4.4.2 Regional Hydrogeology and Geology

The subject property is located within the eastern portion of the Piedmont physiographic province. According to the *Geologic Map of North Carolina* (North Carolina Geological Survey, 1985), the site is mapped within an area of the Durham Belt. The subject property is located in an area underlain by foliated to massive, granitic, intrusive rocks with diabase dikes.

According to the Durham County Soil Survey, the subject site lies in an area classified as having soils in the White Store-Creedmoor soil association, which consist of gently sloping to moderately steep, moderately well drained, upland soils with a subsoil of dominantly firm and very firm clay. More specifically, the site is depicted to be in an area of urban land, where the soil has been cut, filled or graded to the extent that the original soil properties have been altered.

A Semi-Annual Groundwater Monitoring Report, January 2005 Sampling Event by Mid-Atlantic Associates, Inc., dated February 16, 2005 reported groundwater flows in a northwestern direction.

4.5 Historical Use Information on the Property

4.5.1 Historical Aerial Photographs

S&ME reviewed aerial photographs dated **1959**, **1964**, **1969**, **1977**, **1983**, **1991**, **1993**, **1998**, **2002**, **2004**, **2006**, **2008**, **and 2010** showing the subject property. These photographs were obtained from the North Carolina Department of Transportation (NCDOT) and Google. Additional aerial photographs dated 1961, 1973, 1977, 1983, 1993, 1998, and 2006 were obtained from EDR (Appendix II), but were either of poor quality, at a scale which was not conducive to be useful in the determination of the uses of the subject property or surrounding areas, or were of time periods already available from other sources. Aerial photographs are included in Appendix I.

<u>1959 Aerial Photograph:</u> The subject property appears to be located within the portion of the parent property that is developed with large structures associated with the Erwin/Burlington Cotton Mill. The railroad is visible to the south. Smokestacks are visible. Hillsborough Street is to the north, with Ninth Street at the east. Surrounding properties appear to be mostly light industrial and residential. An open undeveloped area can be seen nearby to the northwest of the site.

<u>1964 and 1969 Aerial Photographs:</u> The subject property appears to remain part of Erwin/Burlington Cotton Mill, and the surrounding adjacent properties appear much as they did in

the 1961 aerial photograph. The vacant area to the northwest is now developed with a building and paved road/ parking.

<u>1977 and 1983 Aerial Photographs:</u> The structures associated with Burlington Mills are still present. However, all of the residential structures that were once present northeast of the subject property are now gone and the area is now vacant open land. The adjacent areas to the east, south, west and north appear much as they did in the 1969 aerial photograph. Two large storage tanks are evident in this photograph approximately 200 feet to the north.

<u>1991, 1993 and 1998 Aerial Photographs:</u> The property is now vacant and grass covered. The area adjacent to the southwest has been developed with a commercial building, paved entrances and landscaping. The areas adjacent to the west and south are now cleared.

<u>2002, 2004, 2006, 2008 and 2010 Aerial Photograph:</u> The immediate adjacent property to the west appears more developed with the Erwin Towers development and the Erwin Square –Ninth Street Station condominiums. The remaining adjoining properties to the north, south and east are relatively unchanged with respect to the previous photographs. The adjacent properties appeared similar to their appearance during the site reconnaissance as in the 2010 photograph (most recent).

4.5.2 Historical Topographic Maps

S&ME reviewed the following historical topographic maps obtained from EDR in the EDR Historical Topographic Map Report:

<u>Durham and Durham North NC Quadrangle (dated 1944 and 1951)</u>: The subject property is shown as within an urban area of Durham. The surrounding area is shown as mostly undeveloped, with some highways and a railroad track running east-west. The Durham North map shows a stack on the property. Duke University is shown to the east and to the south.

<u>Northwest Durham NC Quadrangles (dated 1973)</u>: The subject property is shown as an industrial facility within the urban area of Durham, east of Duke University. Buildings and a water tower are shown on the site. The surrounding area is now shown as urban, with residential areas nearby to the south of the site. A sewage disposal site is shown to the north.

Durham North and Northwest Durham NC Quadrangles (dated 1980, 1981 and 1987): The subject property remains an industrial site. The surrounding area remains much as it did in previous maps.

<u>Northwest Durham NC Quadrangle (dated 1993 and 1999)</u>: The subject property is now vacant. The area to the east shows one long building and the area to the west shows new development, including access roads. The sewage disposal site remains to the north of Hillsborough Road.

4.5.3 Property Tax Files

The subject property is a 6.0-acre parcel zoned as Industrial-Light, Compact Neighborhood. Parcel number and property owner information for the site is provided in **Table 1**, and the Durham Zoning Atlas, Map 0822 is included in **Appendix III**.

4.5.4 Land Title Records

Crescent Resources did not provide a chain-of-title for our review. Review of ownership information available on the property deed, obtained from EDR indicated that Erwin Square Limited Partnership obtained the property on August 12, 1987 from Burlington Industries, Inc. No record of previous owners was found in the Durham County Tax website. A copy of the information obtained from EDR for the subject property is included in **Appendix II**.

4.5.5 Sanborn Fire Insurance Maps

S&ME requested historical Sanborn fire insurance maps from EDR. EDR Sanborn maintains an extensive database of Sanborn Fire Insurance Maps. Their database was searched, and coverage for the property was identified for the years 1913, 1937, 1950 and 1979. Some of the maps do not show coverage of the entire subject site or adjacent areas, and some areas of the maps are illegible.

The 1913 Sanborn map depicts the site as being part of the Erwin Cotton Mills Co. Mill No. 1. The subject area is to the east of the railroad spur and depicts the site as having several large structures associated with the Erwin Cotton Mill. Buildings include several connected cotton houses, an opener room, machine shop, a steam dye house, a machine shop and two smokestacks. A 75,000-gallon water tank is shown at the southern portion of the site. A large long rectangular building labeled "Old Mill" and "New Mill" for the Erwin Cotton Mills Company is located along the eastern portion of the property, and a 2,400,000-gallon reservoir is shown farther east. Residential style structures are shown north of the mill.

The 1937, and 1950 Sanborn maps show the subject site with several large structures associated with the Erwin Cotton Mill located to the north of the property, including a steam dye house, a machine shop and two smokestacks. A water pipe is shown transecting the northern portion of the site. A 3,000,000 gallon reservoir is also present northwest of the site in both the 1937 and 1950 maps.

In the 1979 Sanborn map, the majority of the site remains unchanged with respect to the 1950 map; however, the Erwin Cotton Mills are now called Burlington Domestics Durham Plant – Division of Burlington Industries.Inc.. A transformer is depicted on the western portion of the site adjacent to the Weave Mill. The reservoir has been removed and a building appears in its place labeled Burlington Domestics Durham Plant. Adjacent surrounding areas appear relatively unchanged with respect to the 1950 map.

A copy of a Kemper Group, HPR Department insurance map of the Burlington Industries, Inc. Durham Plant No. 0183, dated January 18, 1985 was available to S&ME from a previous Phase I performed for Property Advisory Services. The subject site is depicted as a central portion of the facility developed with several industrial buildings and portions of buildings. A north-south oriented railroad spur is shown at the western portion of the site. A 500-gallon varsol underground storage tank and a 500-gallon gasoline underground storage tank and two pumps are shown adjacent to the east side of the railroad spur, at the southwestern portion of the site. To the west of the railroad spur are several smaller buildings, including two office buildings, two Apparatus Rooms, a Pump Room, a Boiler House with two boilers and a smokestack, and an Engine House, Filter House and Cloth Room. Equipment and facilities identified in this area include: a flammable liquid storage area, two transformers, and a cooling tower. A concrete brine tank with unspecified capacities is shown along the exterior of the north wall of the Cloth Room.

Fifteen connected buildings labeled as Cotton Houses are shown on the east side of the railroad on the central portion of the site. A machine shop is shown in the central portion of the Cotton Houses, and a drum storage area for liquid corrosives and combustible materials is shown in Cotton House "C". A 75,000-gallon fire suppression tank is shown to the southeast of the Cotton Houses. A Dye House, a Drug Room, a Drawing Room, a Pump House, two smokestacks, two transformers, an A/C Shop, and a Garage/forklift repair area are shown on the site to the east of the Cotton Houses. The building currently located to the east of the site is shown as apartments.

4.5.6 City/County Directories

S&ME contracted the services of EDR to provide a City Directory Abstract for the subject property and adjoining surrounding properties. The street address of 2109 Hillsborough Road is recently given for the subject property, therefore city directory listings were not found for the subject site from 1920 to 2009. The nearest property address listed was 2105 Hillsborough Road, with 15 Erwin Mills, Inc.- rear entrance, listed in 1963. City Directories for nearby and adjoining properties along Hillsborough Road indicated mostly retail, commercial and residential properties. City Directories for nearby properties along Ninth Street indicated mostly retail, commercial and residential properties. These properties are not adjacent to the subject property. Several other target properties along Hillsborough Street and Ninth Street were not identified in the research source. The City Directory Abstract is included in **Appendix II** of this report.

4.5.7 Tribal Records

A database search of reasonably ascertainable records of American Indian reservations, as well as tribal leaking underground storage tank site and/or registered underground storage tank site records was performed by EDR. No tribal sites were identified on or near the subject property.

4.5.8 Historical Use Information on Adjoining Properties

S&ME reviewed historical aerial photography, Sanborn maps, and topographic maps to obtain information regarding past uses of the adjoining properties. The historical use of the properties adjacent to the east and west, to the extent revealed in the course of researching the property itself, appear to be primarily commercial and residential since the redevelopment of these areas in approximately 1990. The parent property to the north appears to have been vacant and grassy since the demolition of the mill structures. Prior to that time, the majority of these areas were occupied by the Burlington Industries facility buildings, except for the area to the northeast, which was residential. Main Street and a railroad track have been present, adjacent to the south since at least 1959, with a residential area beyond prior to the construction of the Durham Freeway in the 1980s. A sewage disposal lagoon has been located approximately 1,400 feet to the north of the site since at least 1959.

5 SITE RECONNAISSANCE

5.1 Methods and Limiting Conditions

Mr. Thomas Perez of S&ME performed the site reconnaissance on September 20, 2010. The purpose of the site reconnaissance was to characterize environmental features of the subject property, look for the presence of RECs, and verify the location of listed environmental sites, if any, within up to a one-mile search radius of the site. S&ME personnel looked for visual evidence of past or present activities that may have indicated the deposition of hazardous substances or petroleum products or resulted in violations of environmental regulations.

The method used during the site reconnaissance consisted of walking accessible exterior and interior areas of the subject property, and along the perimeter of the site. Photographs of notable features observed during the site reconnaissance were taken and are included in the Photograph Log in **Appendix V**.

5.2 General Site Setting

5.2.1 Current Use(s) of the Property

The majority of the site is an undeveloped grassed field. The southwestern portion is developed with an asphalt-paved parking lot that is not currently in use. Just north of the asphalt-paved parking lot is a gravel parking lot that is also not currently in use. Several groundwater monitoring wells have been installed on the parent parcel during past environmental assessments performed for incidents relating to the Burlington Industries mill. During the site reconnaissance, two of these groundwater monitor wells were located within the 6.0-acre subject site. According to the most recent report found in the public record, no detections were reported for one of the monitor wells located (MW-14). However, detections of 1,1-DCE and chloroform were reported for another monitor well on the subject site (MW-11). Additionally, drop inlets for stormwater were observed on the site. The locations of the monitor wells are depicted on **Figure 2 in Appendix I**.

5.2.2 Past Use(s) of the Subject Property

Foundation remains and areas of concrete slabs from the former Burlington Industries facility buildings were observed in areas on southern and northern portions of the site. No other obvious indications of past uses of the property were observed during the site reconnaissance. These foundation remains were also noted during the previous Phase I ESA performed of the parent property.

5.2.3 Current Use(s) of Adjoining and Surrounding Properties

During the site reconnaissance, S&ME conducted a visual survey of the surrounding area. The neighboring properties appear to be used primarily for business, residential and commercial. The parent property is bound on the north by Hillsborough Road. Across Hillsborough Road is a

parking lot, with bus stop. Main Street and a railroad track are located adjacent to the south of the parent property, with commercial areas and roads leading to the Durham Freeway south of the railroad. The property is bound on the west by an access road leading to the Erwin Square Plaza and Ninth Street Station condominiums. To the west of Erwin Square is a residential area. The property is bound to the east by an area of the parent property with trees, and beyond this area is a former Burlington Industries facility building that has been re-developed as the Duke University Student Housing building, which runs along Ninth Street. The transformers appeared in good condition and no soil staining was observed in the area. A parking lot for the student housing is located near the northern boundary of the subject site. A small amount of rust-colored staining was observed in the parking lot. Ninth Street is on the east side of the student housing and has various shops, cafés and small businesses.

5.2.4 Past Use(s) of Adjoining and Surrounding Properties

The adjoining properties were part of the former Burlington Industries Textile Mill. Two fire hydrants were observed in an area north of the subject site, on the parent property. No other obvious indications of differing past uses of the adjoining properties were observed during the site reconnaissance.

5.2.5 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Observations at the time of the site reconnaissance indicated that the site and immediate vicinity of the site generally slopes downward to the north/northwest. Surface hydrologic flow on site is expected to be generally to the north/northwest. Some of this flow may be re-directed by urban storm sewers. The site is generally located at a higher elevation than the area to the north, and an equal elevation relative to the immediate vicinity to the east and west. The site appears to be at a lower elevation relative to the areas south of the site. Information pertaining to geologic conditions obtained from standard resources is provided in **Section 4.4**.

5.2.6 General Description of Roads and Structures

The southwestern portion of the site is developed with an asphalt-paved parking lot and a gravel parking lot that were roped off and not in use. The southeastern portion of the site is also developed with an asphalt-paved parking lot currently in use by the student housing adjacent to the east of the site. The site is accessible from the access road on the western portion of the site that leads from Main Street to Hillsborough Road. The central portion is a vacant grassed field formerly occupied by several Burlington Industries buildings. No buildings are currently present on the site.

Two pad-mounted transformers were observed adjacent to the east of the site, behind the Duke University Student Housing building. One transformer had a label indicating that it is "Mineral Oil Filled", the other transformer had a green dot on the name plate. The transformers were surrounded by trees or bushes and appeared to be in good condition. No staining was observed in the area.

5.2.7 Potable Water Supply and Sewage Disposal Systems

The site is connected to municipal water and sewer services supplied by the City of Durham. No visual evidence of former water supply wells or septic systems was observed on the property.

6. INTERVIEWS

6.1 Interview with Owner

The subject property is currently owned by Erwin Square Limited Partnership and managed by Property Advisory Services. S&ME provided Mr. Rodney Allison with Property Advisory Services a copy of the Owner –Occupant Questionnaire. S&ME did not receive a response from Mr. Allison.

During the previous Phase I ESA, Property Advisory Services also provided a copy of a Kemper Group, HPR Department insurance map of the Burlington Industries, Inc. Durham Plant No. 0183, dated January 18, 1985, which is discussed in **Section 4.5.5**.

6.2 Interview with Site Manager

The site is managed by Property Advisory Services. S&ME did not receive a response from Mr. Allison.

6.3 Interview with Occupants

The site is not occupied.

6.4 Interviews with Local Government Officials

S&ME contacted the Durham Fire Department via fascimile on August 26, 2011 regarding records of hazardous materials or fire responses to the subject property. Mr. James Thomas, Assistant Fire Marshall responded by facsimile on August 31, 2011 that he checked the Durham Fire Department records for the subject site address and did not have any records of emergency responses to hazardous material spills, leaks or other environmental nature incidents for the location. He said their records extend back to 1983. A copy of his response is included in **Appendix IV**.

6.5 Interviews with Others

No others were interviewed during this Phase I ESA.

7. FINDINGS

The following potential Recognized Environmental Conditions (RECs) were identified on or within the designated radius of the subject property:

7.1 On-Site Findings

 The representatives (Property Advisory Services) of the current property owner (Erwin Square Limited Partnership) of the parent property including the subject site provided a copy of a Kemper Group, HPR Department insurance map of the Burlington Industries, Inc. Durham Plant No. 0183, dated January 18, 1985. The parent property is depicted as a central portion of the facility developed with several industrial buildings and portions of buildings. A detailed description of the structures and features depicted on the map are included in Section 4.5.5.

Several potential historical sources of soil or groundwater contamination were identified on and adjacent to the subject site on the insurance map. Four monitor wells have been installed on the southwest portion of the site associated with the Burlington Industries/First Union Plaza LUST/IMD incident, discussed below. Potential contaminant sources in these areas of the site included fuel oil ASTs and product piping lines located on the northern portion of the site, a dye house on the eastern portion of the site and a garage, A/C shop and two smokestacks on the southeastern portion of the site. There is the potential for soil and groundwater contamination from the historical industrial uses of the site. Based on the identified features and historical uses of the site, potential contaminants include petroleum constituents, chlorinated solvents, metals and polychlorinated biphenols (PCBs).

- 2) The parent property, Burlington Industries Durham Plant (Facility ID No. 0-016153), is listed as a registered UST facility and as a RCRA Small Quantity Non-Generator (EPA ID No.NCD982093916). Based on the UST information provided in the EDR report, three registered USTS have been permanently closed at the site. These USTs were listed as a 1,000-gallon gasoline UST installed in 1950 and closed in 1988, a 500-gallon petroleum UST installed in 1980 and closed in 1988, and a 250-gallon Stoddard solvent UST installed in 1950 and closed in 1988. The location of the USTs is not provided, so it is unclear where they were located on the Burlington Industries facility. A 1,000-gallon gasoline UST and a 400-gallon "varsol" UST were removed from the parent property in 1987 associated with LUST/IMD Incident 3331 discussed below. Stoddard solvent is also known as varsol. Due to conflicting closure dates and sizes of these USTs, it is unclear whether they correspond to those identified in the LUST/IMD incidents. The RCRA Non-Generator hazardous waste summary lists waste code F001, spent halogenated solvents used in degreasing as the type of waste that had been generated. No hazardous waste violations were found for the site.
- 3) The parent property, Burlington Industries 87 (Incident Nos. 3331 and 20604), is listed as a LUST/IMD site with two documented release incidents. Based on our review of the public record, soil contamination was identified during the removal of two USTs in 1987,

one approximately 1,000-gallon UST formerly used for gasoline storage and one approximately 400-gallon UST for varsol storage (Incident No. 3331). Based on the public record, this LUST incident was located adjacent to a railroad spur formerly located on the southwest portion of the Burlington Industries site.

The second incident at Burlington Industries (Incident No. 20604) was associated with the First Union Plaza site (now Wachovia) located adjacent to the west of the subject site. Two other petroleum USTs and a bleachery were identified to the northeast of the First Union Plaza building during a Phase I ESA and Limited Groundwater Assessment in 1997. These USTs were located on the parent property along the western property boundary and the bleachery was located nearby to the west of the site. Petroleum and chlorinated volatile organic compound contamination was identified in the soil and groundwater samples, and the groundwater contaminant plume extends onto the subject site. This incident is now under the IHSB.

- 4) A portion of the parent property, Erwin Square, located at 2211 Hillsborough Street is located 700 feet north of the site at a lower elevation and is a Brownfields site. Prior to entering the Brownfields program, a Phase I ESA listed impacted groundwater contaminated with 1,1-dichloroethane and additional soil and groundwater sampling were recommended. This area is the site of the 3,000,000-gallon reservoir present in the early 1900s. The site is now under Land Use Restrictions and must report to NCDENR annually.
- 5) Review of the public record revealed that there are several groundwater monitor wells installed on the parent property with some located on the subject site. S&ME observed two groundwater monitor wells on the western portion of the site near the parking lots. No soil staining or odors were observed in this area.
- 6) S&ME recently performed a Revised Brownfields Assessment and Receptor Survey for the subject site, dated July 11, 2011.

7.2 Off-Site Findings

- 1) A railroad track is located approximately 400 feet south and topographically upgradient of the subject site.
- 2) The West Main BP at 1922 West Main Street (Incident No. 10971), is located approximately 500 feet to the east of the subject site and is at a higher elevation relative to the site.
- 3) Liggett & Myers Tobacco Co. (EPA Facility ID No. NCD097724009) is the owner of a HSDS/SHWS facility referred to as the Smith Storage Building Site located near Buchanan Boulevard and Maxwell Avenue. The site is located approximately 3,200 feet southeast of the subject property and at a higher relative elevation with respect to the subject site.

- 4) The Ninth Street Bakery (Incident No. 16846), at 776 Ninth Street, is approximately 1000 feet northeast of the subject site at a lower relative elevation.
- 5) Pattishall's Garage (Former) at 1900 West Markham Avenue (Incident No. 16365) is located approximately 1,200 feet east-northeast of the subject site and at a lower relative elevation.
- 6) The Exxon-Durham (Incident No. 20479) at 2508 Hillsborough Road is located approximately 1,350 feet west-northwest of the subject site and at a lower relative elevation.
- 7) Duke University American Dance (Incident No. 33532) at 715 Broad Street is located approximately 1,400 feet east of the subject site at a lower elevation.
- 8) The Joseph Wand Property, (EPA Facility ID. No. NONCD0002693) is located approximately 3,800 feet northwest of the property at a higher elevation.
- 9) Bernard's Formal Wear (EPA ID: NCD986187243) located at 734 Ninth Street is approximately 700 feet east northeast of the subject site.
- 10) Erwin Square, located at 2211 Hillsborough Street is located 700 feet north of the site at a lower elevation and is a Brownfields site.
- 11) Two pad-mounted transformers were observed behind the Duke University Student Housing building. One transformer was labeled "Mineral Oil Filled" and the other had a green dot.
- 12) Seventeen additional LUST/IMD sites were identified within a 1/2-mile radius of the site. Three of these sites are located within approximately ¼-mile from the site. The three remaining sites are located within a ¼-mile radius and have been classified by NCDENR as Closed-Out, indicating that they have been assessed and remediated to satisfy NCDENR requirements. None of the closed sites are located adjacent to the site.

8 OPINIONS

Based on the information obtained during our public record review and our site reconnaissance, S&ME identified several findings as described in **Section 7**. The following presents our opinions as to whether these findings represent Recognized Environmental Conditions (RECs) or Historical Recognized Environmental Conditions, and the rationale for our decision.

8.1 On-Site Opinions

 The representatives (Property Advisory Services) of the current property owner (Erwin Square Limited Partnership) of the parent property including the subject site provided a copy of a Kemper Group, HPR Department insurance map of the Burlington Industries, Inc. Durham Plant No. 0183, dated January 18, 1985 during a previous Phase I. The parent property is depicted as a central portion of the facility developed with several industrial buildings and portions of buildings. There is the potential for soil and groundwater contamination from the historical industrial uses of the site. Based on the identified features and historical uses of the site, potential contaminants include petroleum constituents, chlorinated solvents, metals and poly-chlorinated biphenols (PCBs).

Some of these features may have been partially located on the subject site or the subject site could have been impacted by releases from sources on other portions of the parent property. There is the potential for soil and groundwater contamination from the historic industrial uses of the site. Based on the identified features and historic uses of the site, potential contaminants include petroleum constituents, chlorinated solvents, metals and (PCBs). Therefore, in our opinion, this finding is considered a REC.

2) The parent property, Burlington Industries – Durham Plant (Facility ID No. 0-016153), is listed as a registered UST facility. Based on the UST information provided in the EDR report, three registered USTS have been permanently closed at the site. Due to conflicting closure dates and sizes of these USTs, it is unclear whether they correspond to those identified in the LUST/IMD incidents.

Due to conflicting closure dates and sizes of these USTs, it is unclear whether these USTs correspond to those identified in the LUST/IMD incidents. There is the potential that these USTs were closed in-place and still exist at the site, and petroleum or solvent soil or groundwater contamination may exist in these areas. Therefore in our opinion, this finding is considered a REC.

3) The parent property, Burlington Industries 87 (Incident Nos. 3331 and 20604), is listed as a LUST/IMD site with two documented release incidents:

Based on the available file information, the Burlington Industries 87 (Incident No. 3331) incident has apparently been closed-out by NCDENR and no further action is required. This LUST incident located on the subject property has reportedly been assessed and remediated to

satisfy NCDENR requirements. Therefore, per the ASTM definition, this LUST incident is considered a Historical REC, and not a REC. However, it should be noted that closure of the incident is conditional based on current use and zoning of the site and surrounding properties, and current groundwater usage. Changes in these uses may warrant re-classifying the risk associated with the site, which may require further remedial action by NCDENR.

The second incident at Burlington Industries (Incident No. 20604) was associated with the First Union Plaza site (now Wachovia). This is an active incident that has documented impacts to the groundwater on the parent property. This site has been transferred to the Inactive Hazardous Sites Branch in 2007 and has not been closed out. Therefore, this finding, in our opinion, is considered a REC.

4) A portion of the parent property, Erwin Square, located at 2211 Hillsborough Street is located 700 feet north of the site at a lower elevation and is a Brownfields site. Groundwater has been reported to be contaminated with 1,1-dichloroethane and additional soil and groundwater sampling were recommended. This area is also the site of the 3,000,000-gallon reservoir present in the early 1900s. The site is now under a Brownfields Agreement and Land Use Restrictions and must report to NCDENR annually.

This site is the current location of Erwin Square – Ninth Street Station condominiums. The property owner is submitting annual reports to NCDENR regarding compliance with Land Use Restrictions. In our opinion, this site is not a REC.

5) *S&ME* observed two groundwater monitor wells on the western portion of the site near the parking lots. No soil staining or odors were observed in this area.

These are evidence of continued monitoring at the site and in our opinion are not RECs in and of themselves. However, these findings are evidence associated with the REC of Incident No. 20604 discussed in Opinion 3 above.

6) S&ME recently performed a Revised Brownfields Assessment and Receptor Survey for the subject site, dated July 11, 2011.

Laboratory analytical results indicated cadmium was present at a concentration slightly exceeding the IHSB SRG (3.0 mg/Kg) in soil sample SB-4-1-3 (3.4 mg/Kg). Several other RCRA metals were present in the analyzed soil samples at concentrations exceeding their respective laboratory reporting limits, but below their respective regulatory standards. It is S&ME's opinion that the concentration of cadmium detected in soil sample SB-4-1-3 is likely due to naturally-occurring metals present in the soil. Cadmium is primarily used in nickel-cadmium batteries, and is also used in electroplating, solder and as a paint pigment. There were no specific historical sources of cadmium identified in the past use of the subject property, although it could have potentially been used as a pigment in the dye house formerly located nearby. At the level detected, the cadmium appears to be associated with mineralization of the natural Triassic soils present at the site, rather than from a chemical release.

SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), which are typical constituents of coal or crude oil. Coal-fired boilers and coal storage areas were formerly present on the northwest and southeast portions of the subject property, and railroad spurs used for coal delivery were also present. The majority of the shallow soil sampled consisted of fill material, and debris including coal fragments was observed in most of the soil borings. Based on the SVOC concentrations reported for the soil samples, the lack of any other petroleum constituents or VOCs reported for those samples and the lack of any SVOCs in the seep water samples, the reported detections of SVOCs appear to be related to remnant pieces of coal or coal dust present in the samples.

Barium was detected in both of the seep water samples at a concentration exceeding the laboratory reporting limit, but at a concentration below the 2L and 2B Standards. No other RCRA metals, or VOCs, SVOCs or PCBs were detected by the laboratory in the two seep water samples. These findings, in our opinion, are considered a REC.

8.2 Off-Site Opinions

1) A railroad track is located approximately 400 feet south and topographically upgradient of the subject site.

No reported releases were posted for this section of the railroad. Therefore in our opinion this finding is not a REC.

2) The West Main BP at 1922 West Main Street (Incident No. 10971) is located approximately 500 feet to the east of the subject site and is at a higher elevation relative to the site.

Based on the reviewed documents, localized groundwater contamination has been identified and was found to flow predominantly in a southeast direction, away from the subject site. Therefore, in our opinion, this incident is not considered a REC.

3) Liggett & Myers Tobacco Co. (EPA Facility ID No. NCD097724009) is the owner of a HSDS/SHWS facility referred to as the Smith Storage Building Site located near Buchanan Boulevard and Maxwell Avenue. The site is located approximately 3,200 feet southeast of the subject property and at a higher relative elevation with respect to the subject site.

The site was included on the October 2002 Inactive Hazardous Waste Sites Priority List. This site is located over 3,000 feet to the southeast of the subject site and localized groundwater contamination was reported. Therefore, it appears that this incident appears to pose a low threat of impacting the subject site therefore, in our opinion, this finding is not a REC. 4) The Ninth Street Bakery (Incident No. 16846), at 776 Ninth Street, is approximately 1000 feet northeast of the subject site at a lower relative elevation.

The site has been closed out with a Notice of Residual Petroleum on August 17, 2009. Therefore, in our opinion, this finding is not a REC.

5) Pattishall's Garage (Former) at 1900 West Markham Avenue (Incident No. 16365) is located approximately 1,200 feet east-northeast of the subject site and at a lower relative elevation.

This site is located over 1,000 ft. to the northeast of the subject site and at a lower relative elevation than the site. Therefore, this incident appears to pose a low threat of impacting the subject site and, in our opinion, is not considered a REC.

6) The Exxon-Durham (Incident No. 20479) at 2508 Hillsborough Road is located approximately 1,350 feet west-northwest of the subject site and at a lower relative elevation.

This site is located over 1,300 ft. to the west-northwest of the subject site and at a lower relative elevation than the site. Therefore, it appears that this incident poses a low threat of impacting the subject site and, in our opinion, is not considered a REC.

7) Duke University American Dance (Incident No. 33532) at 715 Broad Street is located approximately 1,400 feet east of the subject site at a lower elevation.

This site is located approximately 1,400 ft. to the west-northwest of the subject site and at a lower relative elevation than the site. Therefore, it appears that this incident poses a low threat of impacting the subject site and, in our opinion, is not considered a REC.

8) The Joseph Wand Property, (EPA Facility ID. No. NONCD0002693) is located approximately 3,800 feet northwest of the property at a higher elevation.

This site is located over 3,000 ft. to the northwest of the subject site and at a higher relative elevation than the site. Therefore, it appears that this incident poses a low threat of impacting the subject site and, in our opinion, is not considered a REC.

9) Bernard's Formal Wear (EPA ID: NCD986187243) located at 734 Ninth Street is approximately 700 feet east northeast of the subject site.

This facility is located approximately 700 feet to the east of the site and likely performs dry cleaning of rental formal wear. No violations were identified for this facility, and it is topographically down-gradient from the site. Therefore, in our opinion, this facility is not considered a REC.

10) Erwin Square, located at 2211 Hillsborough Street is located 700 feet north of the site at a lower elevation and is a Brownfields site.

The site has been accepted into the Brownfields Program and submits annual Land-Use Restriction reports to the state. Ninth Street Station condominiums have been developed on the site. Therefore, in our opinion, this site is not considered a REC.

11) Two pad-mounted transformers were observed behind the Duke University Student Housing building. One transformer was labeled "Mineral Oil Filled" and the other had a green dot.

The transformers appeared to be in good condition. No soil staining was observed in the area of the transformers. Based on the labeling the transformers most likely do not contain PCBs in any more than a small quantity. Therefore, in our opinion, this finding is not considered a REC.

12) Seventeen additional LUST/IMD sites were identified within a 1/2-mile radius of the site. Three of these sites are located within approximately ¼-mile from the site. The three remaining sites are located within a ¼-mile radius and have been classified by NCDENR as Closed-Out, indicating that they have been assessed and remediated to satisfy NCDENR requirements. None of the closed sites are located adjacent to the site.

All but one of the remaining sites are located topographically downgradient from the subject site. The one upgradient site is located over ¼-mile away. The four remaining sites located within a ¼-mile radius have been classified by NCDENR as Closed-Out. These LUST/IMD sites do not appear to pose a significant threat of impacting the subject property. Therefore, in our opinion, these LUST/IMD sites are not considered RECs.

8.3 Data Gaps

- The property has been cleared and graded (cut or filled) for the development of the site, preventing the observation of the original ground surface and natural site conditions across the property.
- The historical use of the property was based on information gathered from aerial photographs and historical topographic maps, as well as available ownership information. Information was not available in five-year increments.

These limitations listed above are considered data gaps. These data gaps, in our opinion, are not considered significant to the findings of this Phase I ESA because there was no evidence observed during preparation of this Phase I ESA that would indicate a different use of the property than that previously noted. Historical mapping and aerial photographs show the property to be undeveloped and wooded prior to its current use. These conditions are consistent with typical land use in the area. These data gaps should, however, be considered by the user of this report prior to making their final decision as to the environmental risk(s) associated with purchasing this property.

8.4 Additional Investigation

Based on the findings of this Phase I ESA, four recognized environmental conditions associated with the subject property were identified. However, a Revised Brownfields Assessment and Receptor Survey was recently conducted (July 18, 2011) and concluded that based on the results of the limited soil and seep water sampling and analysis program, it is S&ME's opinion that no additional sampling appears to be necessary at this time for assessment purposes. However, this site has been used for industrial purposes for several decades. There is the potential that contaminants exist at the site that were not identified during this limited assessment. If any suspect conditions are encountered during excavation at the site, such as unusual odors, stained soil or buried containers, please contact us to evaluate these areas. Any soils or groundwater to be removed from the property should be tested and properly disposed of in accordance with federal and state regulations. Therefore, additional environmental assessment is recommended to compliment the current monitor wells on the subject site.

9. CONCLUSIONS

S&ME has performed a Phase I Environmental Site Assessment in conformance with our understanding of the scope and limitations of ASTM Practice E 1527-05 for the referenced property located in Durham, North Carolina. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. This assessment has revealed that there are four RECs identified with this site.

- 1. The 14.72-acre parent property is located on what was once a central portion of the former Burlington Industries facility developed with several industrial buildings and portions of buildings. Based on the identified features and historical uses of the site, potential contaminants to soil and groundwater include petroleum constituents, chlorinated solvents, metals and poly-chlorinated biphenols (PCBs).
- 2. The parent property, Burlington Industries, is also listed as a registered UST facility, with three registered USTS permanently closed at the site. However, there is the potential that these USTs were closed in-place and still exist at the site.
- 3. A documented incident at Burlington Industries (Incident No. 20604) associated with the First Union Plaza site (now Wachovia) remains an active incident that has documented impacts to the groundwater on the parent property. This site was transferred to the IHSB in 2007 and has not been closed out. Two groundwater monitor wells associated with the Incident were observed on the subject site in the vicinity of the parking lots along the western boundary of the site. Although no detections were reported for the monitor well (MW-14) located northeast of the gravel parking lot during the last assessment found in the public record, detections were reported at the other monitor well (MW-11) located south of the gravel parking lot.
- 4. During the Revised Brownfields Assessment and Receptor Survey, SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), which are typical constituents of coal or crude oil. Coal-fired boilers and coal storage areas were formerly present on the northwest and southeast portions of the subject property, and railroad spurs used for coal delivery were also present. The majority of the shallow soil sampled consisted of fill material, and debris including coal fragments was observed in most of the soil borings. Based on the SVOC concentrations reported for the soil samples, the lack of any other petroleum constituents or VOCs reported for those samples and the lack of any SVOCs in the seep water samples, the reported detections of SVOCs appear to be related to remnant pieces of coal or coal dust present in the samples.

Barium was detected in both of the seep water samples at a concentration exceeding the laboratory reporting limit, but at a concentration below the 2L and 2B Standards. No other RCRA metals, or VOCs, SVOCs or PCBs were detected by the laboratory in the two seep water samples.

10. DEVIATIONS

S&ME has endeavored to perform this Phase I ESA in substantial conformance with the scope and limitations of ASTM Standard Practice E1527-05. No deviations to ASTM Practice E 1527-05 were made during the completion of this Environmental Site Assessment.

11. ADDITIONAL SERVICES

No additional services were performed by S&ME for the subject property in this Phase I Environmental Site Assessment.

12. **REFERENCES**

ASTM, 2005. ASTM Standards on Environmental Site Assessments for Commercial Real Estate. E1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. American Society for Testing and Materials, Philadelphia, PA.

Generalized Geologic Map of North Carolina, 1985. Department of Natural Resources and Community Development, Division of Land Resources.

Soil Survey of Durham County, North Carolina, United States Department of Agriculture, Soil Conservation Service, 1970.

U.S.G.S. Topographical Map, Durham East, North Carolina, 2002.

Phase I Environmental Site Assessment, 14.272-Acre Erwin Square Parcel, S&ME Project No. 1054-06-466A, March 29, 2007

13 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

S&ME provides a broad range of environmental services, including site assessments for real estate transactions. S&ME has over 1,000 employees located in twenty-six offices throughout the southeast. ENR ranked S&ME as one of the 200 largest environmental firms in the country.

Mr. Thomas Perez has 18 years environmental consulting experience and has performed and reviewed numerous Phase I Environmental Site Assessments in North Carolina, South Carolina, and Virginia. Mr. Perez has met the qualifications set forth by EPA's All Appropriate Inquiry and ASTM 1527-05 for an Environmental Professional. Please refer to Mr. Perez' resume located in **Appendix VII** for further details.

Mr. Abner F. Riggs has 19 years environmental consulting experience and has reviewed numerous Phase I Environmental Site Assessments throughout North Carolina. Mr. Riggs has met the qualifications set forth by EPA's All Appropriate Inquiry and ASTM 1527-05 for an Environmental Professional. Please refer to Mr. Riggs' resume located in **Appendix VII** for further details.

14 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

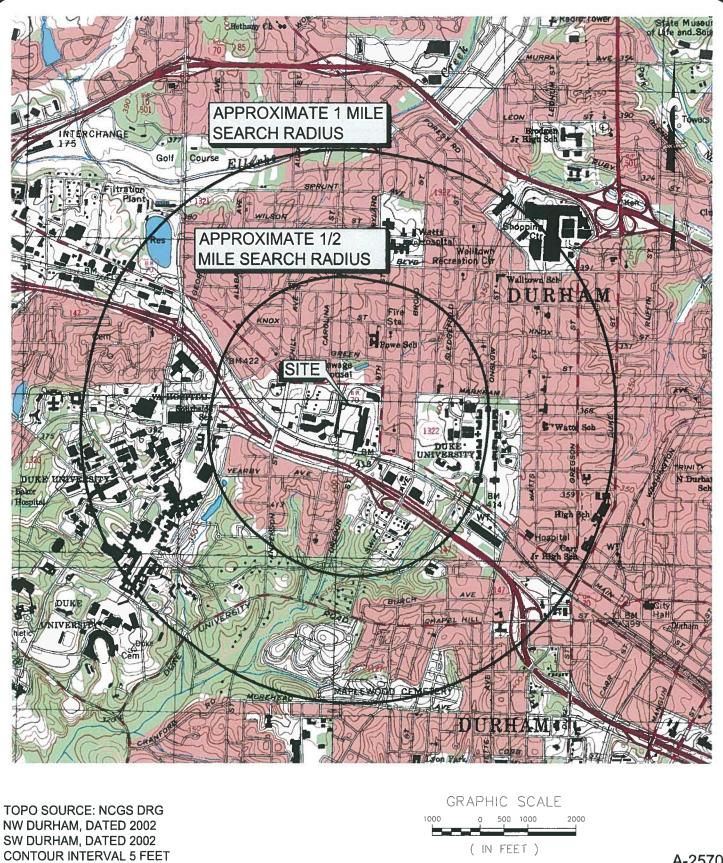
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in paragraph 312.10 of 40 CFR 312 and have the specific qualifications based on education, training and experience to assess the nature, history and setting of the subject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

h illy

Abner F. Riggs, Jr. Project Manager

APPENDIX I

FIGURES, TOPOGRAPHIC MAPS, AND AERIAL PHOTOGRAPHS



SCALE:

DATE:

DRAWN BY: BTR

PROJECT NO:

1" = 2000'

AUG. 2011

WWW.SMEINC.COM

0: 1054-10-288B 3201 SPRING FOREST RD, RALEIGH, NC 27616

VICINITY MAP

ERWIN SQUARE - PHASE I ESA 2109 HILLSBOROUGH ROAD DURHAM, NORTH CAROLINA

A-2570

FIGURE NO. 1

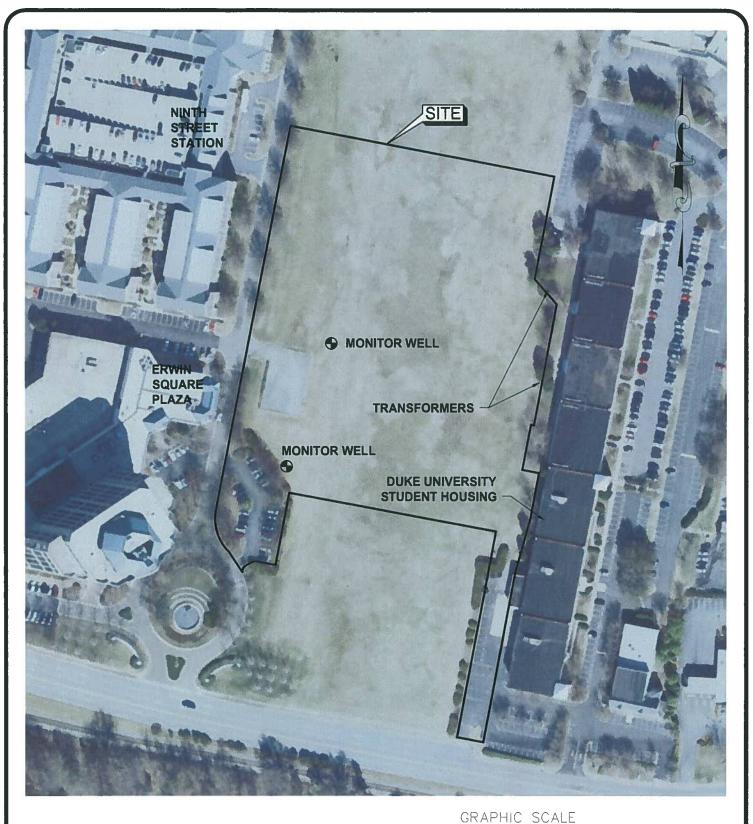


IMAGE SOURCE: NC ONEMAP, DATED 2010



(IN FEET)

0

37.5 75

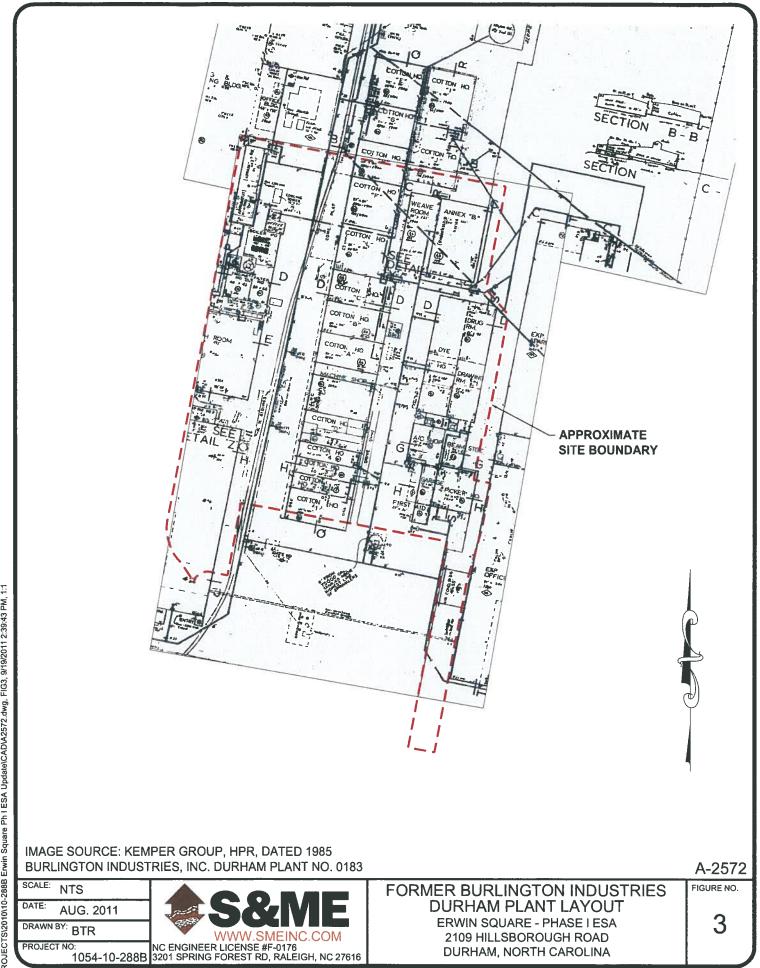
A-2571

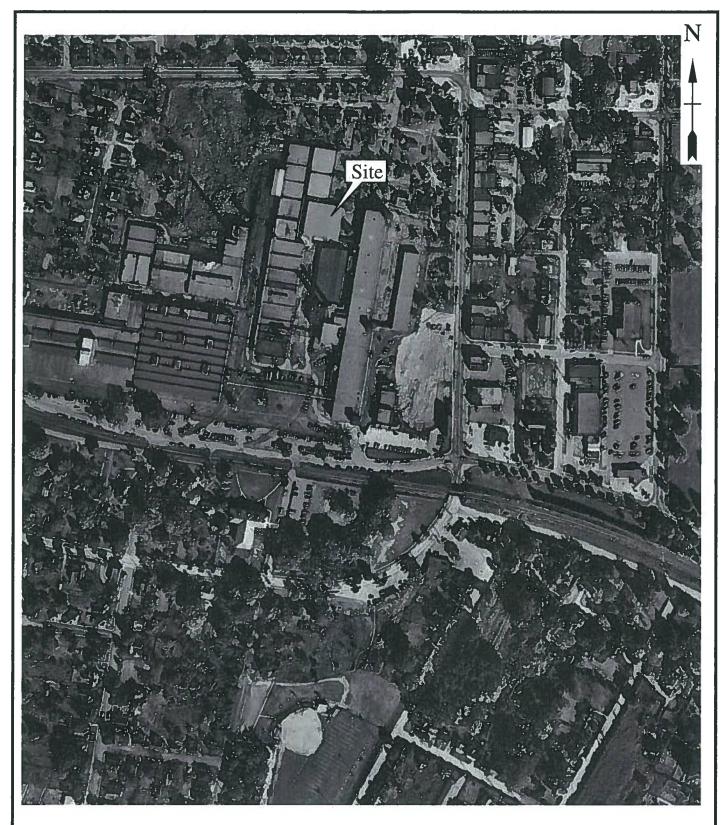
SITE MAP

150

ERWIN SQUARE - PHASE I ESA 2109 HILLSBOROUGH ROAD DURHAM, NORTH CAROLINA FIGURE NO.

2





Source: NCDOT M-50 exp 60

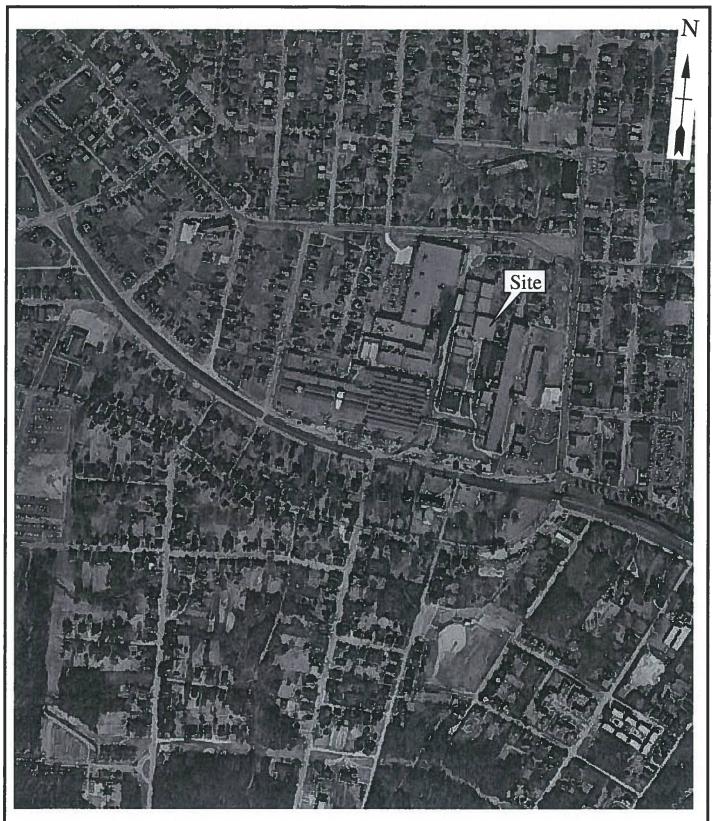
SCALE:	N.T.S.	
CHECKEI) BY:	
DRAWN E	BY: TRP	
DATE: 8	3/26/2011	



11-3-1959 Aerial Photograph

Project: Erwin Square - Phase I ESA Location: 2109 Hillsborough Road Durham, North Carolina Number: 1054-10-288-B

Fig. No.



Source: NCDOT M-415 exp 89

SCALE:	N.T.S.
CHECKED) BY:
DRAWN B	Y: TRP
DATE: 8	3/26/2011



3-6-1964 Aerial Photograph

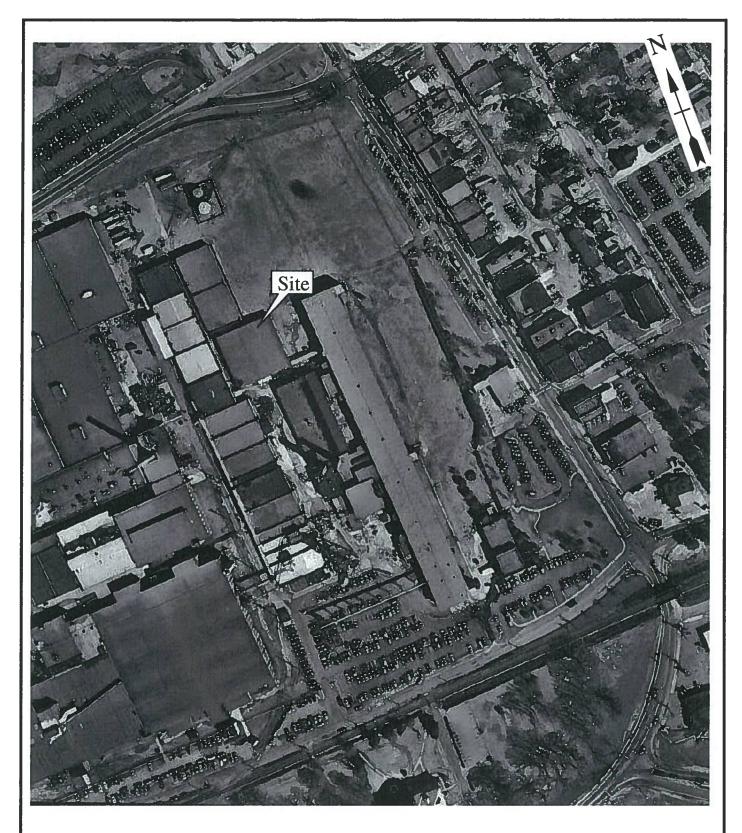
Project: Erwin Square - Phase I ESA Location: 2109 Hillsborough Road Durham, North Carolina Number: 1054-10-288-B

Fig. No.



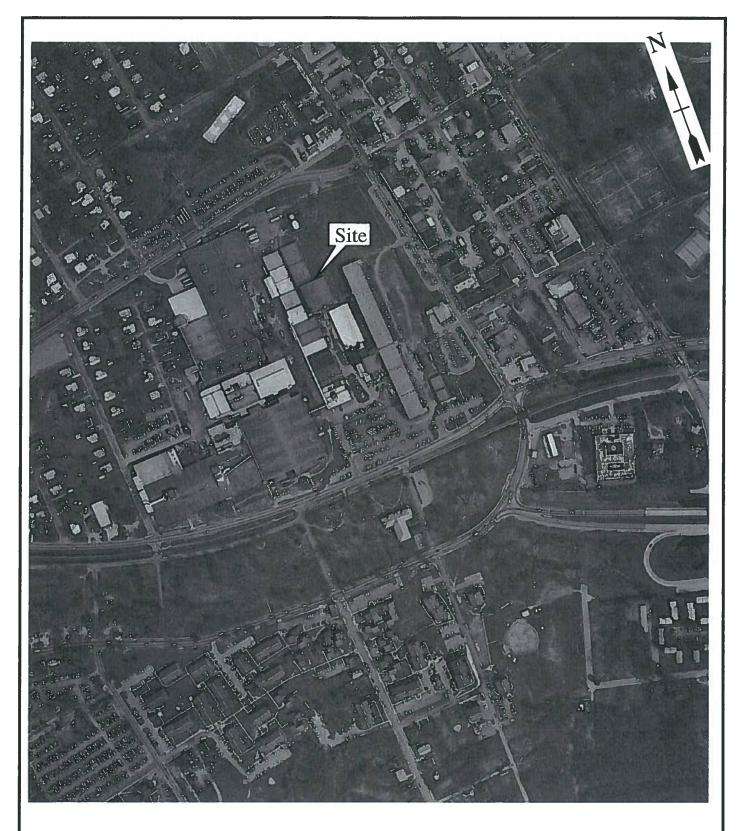
Source: NCDOT M-756 exp 1639

SCALE: N.T.S.		3-3-1969 Aerial Photograph	1
CHECKED BY:		Project: Erwin Square - Phase I ESA	Fig. No.
DRAWN BY: TRP	SCIVIE	Location: 2109 Hillsborough Road Durham, North Carolina	
DATE: 8/26/2011		Number: 1054-10-288-B	



Source: NCDOT M-1304 exp 95

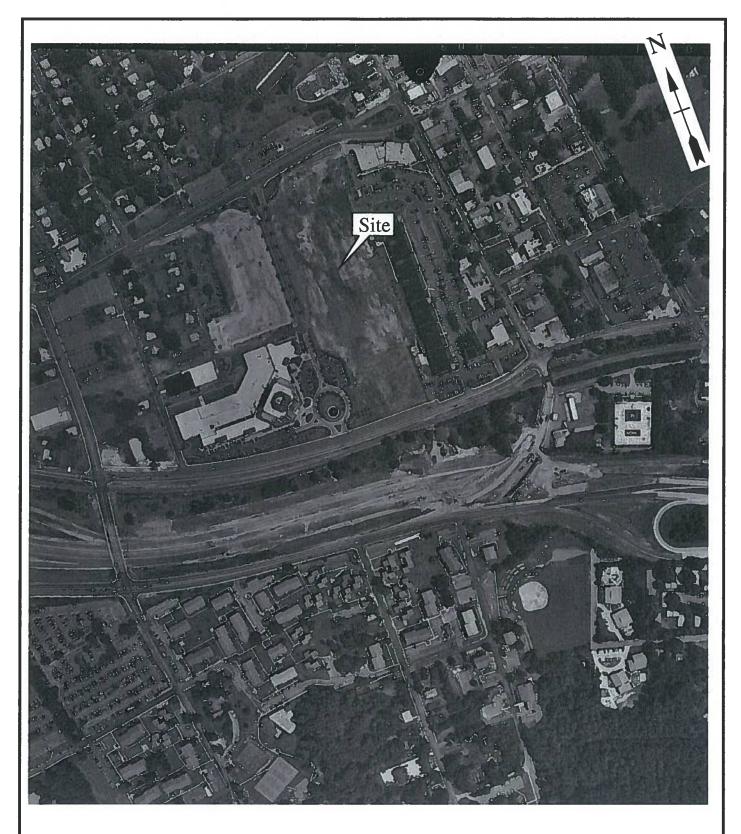
SCALE: N.T.S.	3-1-1977 Aerial Photograph	
CHECKED BY:	Project: Erwin Square - Phase I ESA	Fig. No.
DRAWN BY: TRP	Location: 2109 Hillsborough Road Durham, North Carolina	
DATE: 8/26/2011	Number: 1054-10-288-B	



Source: NCDOT M-1703 exp 2

SCALE: N.T.S.			3-14-1983 Aerial Photograp	h
CHECKED BY:		Project:	Erwin Square - Phase I ESA	Fi
DRAWN BY: TRP	SCIVIE	Location:	2109 Hillsborough Road Durham. North Carolina	
DATE: 8/26/2011	V	Number:	1054-10-288-B	

Fig. No.



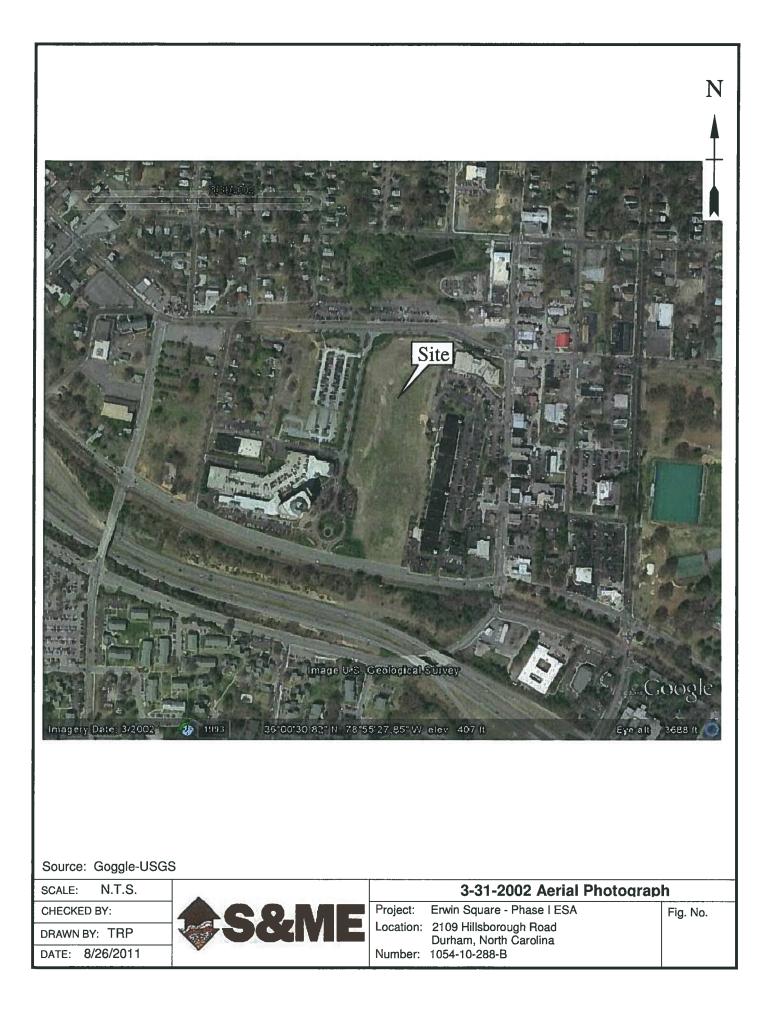
Source: NCDOT M-2788 exp 5

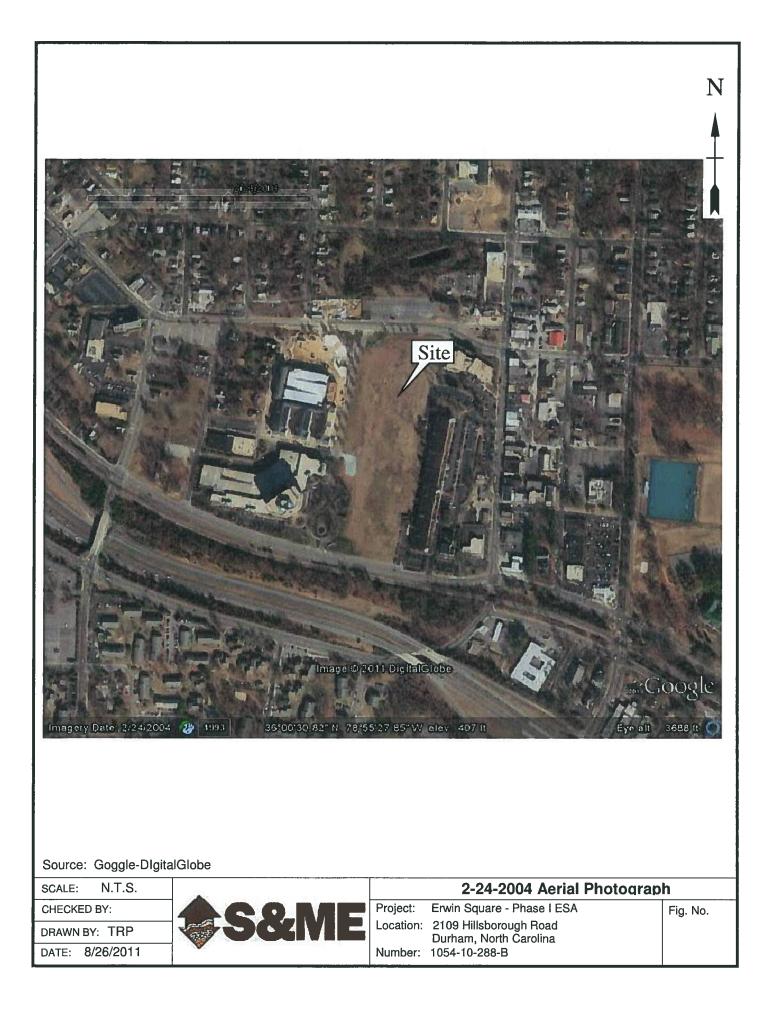
SCALE: N.T.S.			8-16-1991 Aerial Photograp	h
CHECKED BY:	ACOME	Project:	Erwin Square - Phase I ESA	Fig
DRAWN BY: TRP	SCIVIE	Location:	2109 Hillsborough Road Durham, North Carolina	
DATE: 8/26/2011		Number:	1054-10-288-B	

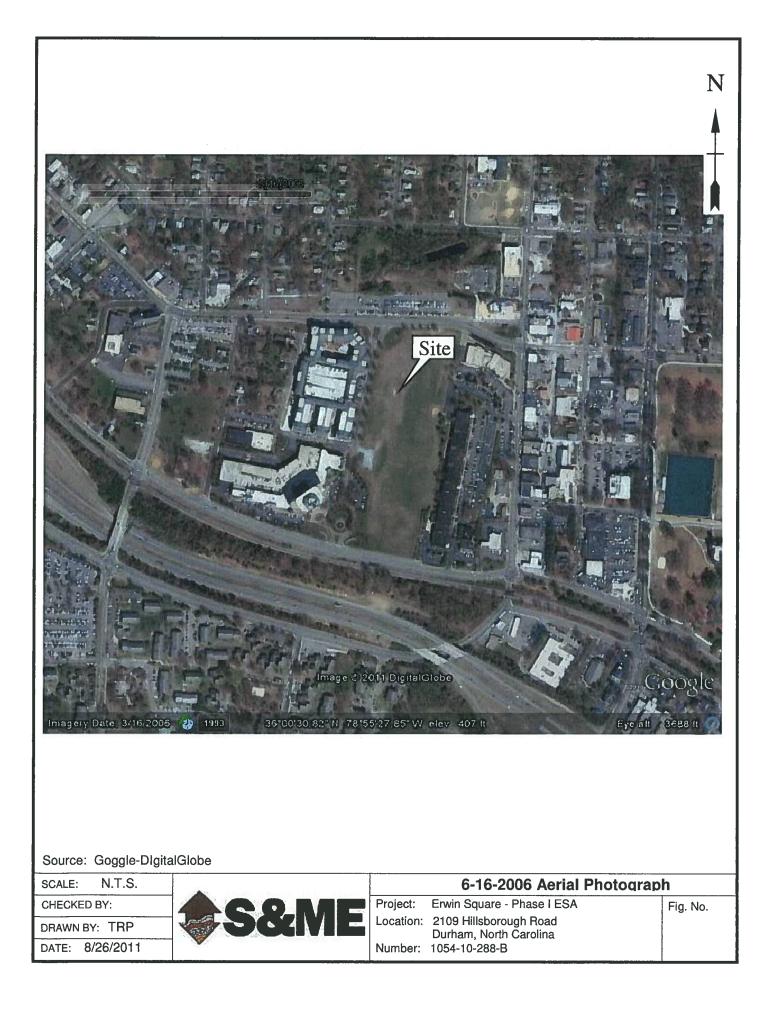
Fig. No.

	N
	Site
Imagery Date: 2/23/1993 🥑 1993 36°00°30 82" N 78°5	Geological Sulvey 5'27 85" W elev 407 ft Eye alt 3688 ft
Source: Goggle-USGS	
SCALE: N.T.S.	3-23-1993 Aerial Photograph Project: Erwin Square - Phase I ESA Fig. No.
CHECKED BY: DRAWN BY: TRP	Location: 2109 Hillsborough Road
DATE: 8/26/2011	Durham, North Čarolina Number: 1054-10-288-B

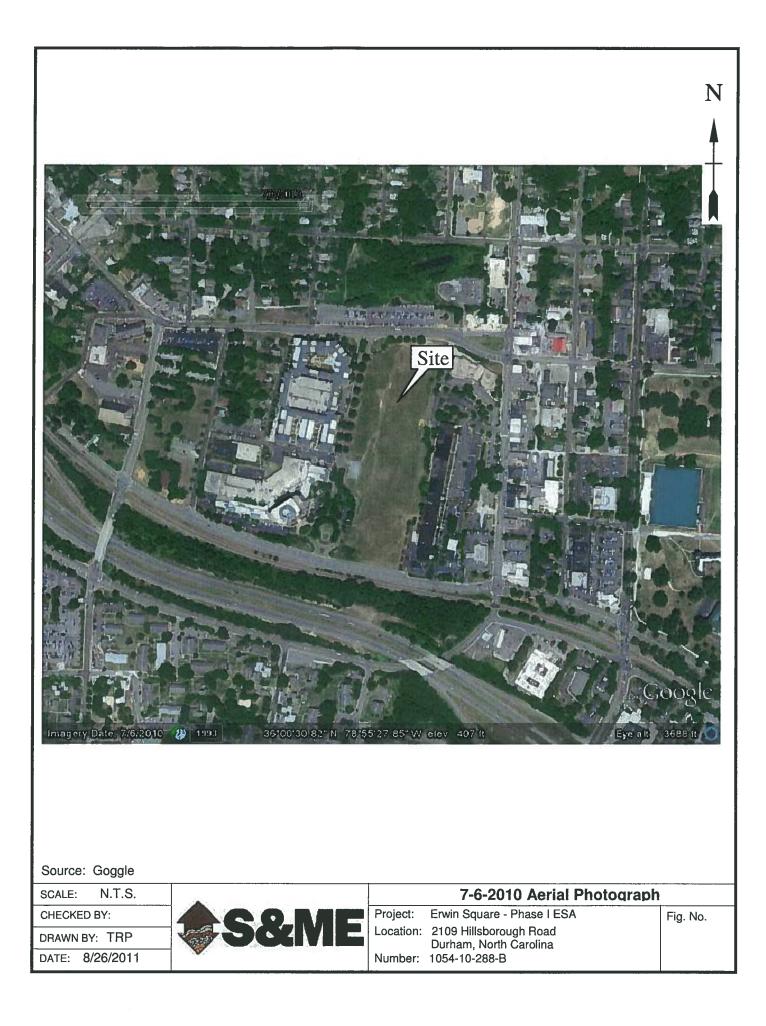
	· · ···	
		N
Source: Goggle-USGS		
SCALE: N.T.S.	4-2-1998 Aerial Photograph	
CHECKED BY: DRAWN BY: TRP	Project: Erwin Square - Phase I ESA	Fig. No.
DRAWN BY: TRP	Location: 2109 Hillsborough Road Durham, North Carolina	
DATE: 8/26/2011	Number: 1054-10-288-B	
	· · · · · · · · · · · · · · · · · · ·	







Source: Goggle	
	-18-2008 Aerial Photograph
	quare - Phase I ESA Fig. No.
Duillait	n, North Carolina
DATE: 8/26/2011 Number: 1054-10	D-288-B



APPENDIX II

EDR RADIUS MAP REPORT AND HISTORICAL RECORDS REPORTS

Erwin Square - 5.5 Acres

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 3159276.1s September 01, 2011

The EDR Radius Map[™] Report with GeoCheck®



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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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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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2109 HILLSBOROUGH ROAD DURHAM, NC 27705

COORDINATES

Latitude (North):	36.008500 - 36° 0' 30.6"
Longitude (West):	78.924300 - 78° 55' 27.5"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	687075.0
UTM Y (Meters):	3986683.5
Elevation:	409 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	36078-A8 NORTHWEST DURHAM, NC
Most Recent Revision:	1993
South Map:	35078-H8 SOUTHWEST DURHAM, NC
Most Recent Revision:	1993

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2006, 2008
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

Proposed NPL_____ Proposed National Priority List Sites NPL LIENS_____ Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL_____ National Priority List Deletions

Federal CERCLIS list

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS_____ Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG	RCRA - Large Quantity Generators
	RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls

Federal ERNS list

ERNS_____ Emergency Response Notification System

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

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

State and tribal registered storage tank lists

AST	AST Database
INDIAN UST	Underground Storage Tanks on Indian Land
	Underground Storage Tank Listing

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

VCP......Responsible Party Voluntary Action Sites INDIAN VCP......Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	•
HIST LF	Solid Waste Facility Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LUCIS	Land Use Control Information System

Records of Emergency Release Reports

HMIRS_____ Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS	
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	_ Mines Master Index File
TRIS	_ Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	. Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

UIC	. Underground Injection Wells Listing
DRYCLEANERS	Drycleaning Sites
NPDES	. NPDES Facility Location Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE	Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH	Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BERNARD'S FORMAL WEARE INC	734 NINTH ST	ENE 1/8 - 1/4 (0.127 mi.)	4	13

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.

A review of the NC HSDS list, as provided by EDR, and dated 04/06/2006 has revealed that there is 1 NC HSDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIGGETT & MYERS TOBACCO CO		SE 1/2 - 1 (0.611 mi.)	0	7

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.

A review of the SHWS list, as provided by EDR, and dated 07/08/2011 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAND, JOSEPH PROPERTY	2501 ENGLEWOOD DRIVE	NW 1/2 - 1 (0.717 mi.)	36	113

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 05/12/2011 has revealed that there are 23 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST MAIN BP Incident Phase: Response	1922 WEST MAIN ST.	SE 1/8 - 1/4 (0.221 mi.)	D15	49
PARK RESEARCH CENTER Incident Phase: Closed Out	104 ALEXANDER DR	SSW 1/8 - 1/4 (0.224 mi.)	E17	53
LLOYD'S 66 Incident Phase: Response	1802 WEST MAIN ST.	SE 1/4 - 1/2 (0.303 mi.)	25	80
SEVEN ELEVEN STORE PROPERTY # Incident Phase: Closed Out	609 TRENT DRIVE	WNW 1/4 - 1/2 (0.457 mi.)	31	98
DUKE - ACCOUNTING Incident Phase: Closed Out	406 SWIFT AVE	SSE 1/4 - 1/2 (0.464 mi.)	133	103
DUKE - PLANT ACCOUNTING MERCHANTS TIRE & AUTO #02003 Incident Phase: Closed Out	408 SWIFT AVENUE 2720 HILLSBOROUGH RD	SSE 1/4 - 1/2 (0.465 mi.) NW 1/4 - 1/2 (0.498 mi.)	134 35	105 108

Lower Elevation	Address	Direction / Distance	Map ID	Page
REGULATOR BOOK SHOP Incident Phase: Closed Out	720 9TH STREET	E 0 - 1/8 (0.123 mi.)	A2	8
AMOCO, 9TH STREET Incident Phase: Closed Out	770 9TH ST	NE 1/8 - 1/4 (0.175 mi.)	B7	18
NINTH STREET BAKERY Incident Phase: Response	776 NINTH STREET	NE 1/8 - 1/4 (0.187 mi.)	B9	24
SAM'S QUIK SHOP Incident Phase: Closed Out	1605 ERWIN ROAD	SSE 1/8 - 1/4 (0.207 mi.)	12	33
PATTISHALL'S GARAGE (FORMER) Incident Phase: Response	1900 WEST MARKHAM AVE	NLENE 1/8 - 1/4 (0.220 mi.)	13	40
EXXON - DURHAM Incident Phase: Response	2508 HILLSBOROUGH RD	WNW 1/4 - 1/2 (0.256 mi.)	19	57
DUKE UNIV AM DANCE FESTIVAL Incident Phase: Closed Out	715 BROAD STREET	E 1/4 - 1/2 (0.258 mi.)	F20	60
DUKE UNV. AMERICAN DANCE Incident Phase: Closed Out	715 BROAD STREET	E 1/4 - 1/2 (0.258 mi.)	F21	62
731 BROAD STREET Incident Phase: Closed Out	731 BROAD STREET	E 1/4 - 1/2 (0.260 mi.)	F22	64
EAST CAMPUS BP 215 Incident Phase: Closed Out	801 BROAD STREET	ENE 1/4 - 1/2 (0.282 mi.)	G23	66
WHELESS PROPERTY, SYLVIA (FORM Incident Phase: Response	811 BROAD STREET	ENE 1/4 - 1/2 (0.288 mi.)	G24	76
GEORGIA STREET - GTE Incident Phase: Closed Out	GEORGIA ST.	WNW 1/4 - 1/2 (0.350 mi.)	26	83
DURHAM FIRE STATION #2 Incident Phase: Closed Out Incident Phase: Closed Out	1001 NINTH ST	NNE 1/4 - 1/2 (0.383 mi.)	27	86
HIGHSMITH TRUST Incident Phase: Closed Out	1028 CAROLINA AVENUE	N 1/4 - 1/2 (0.428 mi.)	29	93
GTE - KNOX Incident Phase: Closed Out	1807 KNOX STREET	NE 1/4 - 1/2 (0.441 mi.)	H30	95
SOUTHGATE & SON INSURANCE (DU Incident Phase: Closed Out	1013 BROAD STREET	NE 1/4 - 1/2 (0.460 mi.)	H32	100

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

A review of the LUST TRUST list, as provided by EDR, and dated 07/15/2011 has revealed that there are 10 LUST TRUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST MAIN BP	1922 WEST MAIN ST.	SE 1/8 - 1/4 (0.221 mi.)	D15	49
LLOYD'S 66	1802 WEST MAIN ST.	SE 1/4 - 1/2 (0.303 mi.)	25	80
Lower Elevation	Address	Direction / Distance	Map ID	Page
NINTH STREET BAKERY SAM'S QUIK SHOP	776 NINTH STREET 1605 ERWIN ROAD	NE 1/8 - 1/4 (0.187 mi.) SSE 1/8 - 1/4 (0.207 mi.)	B9 12	24 33

Lower Elevation	Address	Direction / Distance	Map ID	Page
PATTISHALL'S GARAGE (FORMER)	1900 WEST MARKHAM AVE	NUENE 1/8 - 1/4 (0.220 mi.)	13	40
DUKE UNIV AM DANCE FESTIVAL	715 BROAD STREET	E 1/4 - 1/2 (0.258 mi.)	F20	60
731 BROAD STREET	731 BROAD STREET	E 1/4 - 1/2 (0.260 mi.)	F22	64
EAST CAMPUS BP 215	801 BROAD STREET	ENE 1/4 - 1/2 (0.282 mi.)	G23	66
WHELESS PROPERTY, SYLVIA (FORM	811 BROAD STREET	ENE 1/4 - 1/2 (0.288 mi.)	G24	76
HIGHSMITH TRUST	1028 CAROLINA AVENUE	N 1/4 - 1/2 (0.428 mi.)	29	93

LAST: A listing of leaking aboveground storage tank site locations.

A review of the LAST list, as provided by EDR, and dated 05/12/2011 has revealed that there are 2 LAST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation Address		Direction / Distance	Map ID	Page
GREENE PROPERTY, DAYLON 1007 HALE ST.		NNW 1/4 - 1/2 (0.413 mi.)	28	91
Lower Elevation Address				
Lower Elevation	Address	Direction / Distance	Map ID	Page

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 05/12/2011 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
BURLINGTON IND DURHAM PLAN WEST DURHAM BP SERVICE 450	CORNER OF NINTH & WEST 1922 W MAIN STREET	SSE 1/8 - 1/4 (0.153 mi.) SE 1/8 - 1/4 (0.221 mi.)	6 D14	15 43	
PARK RESEARCH CENTER	104 ALEXANDER DRIVE	SSW 1/8 - 1/4 (0.224 mi.)	E16	52	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
NINTH STREET ASSOCIATES 9TH STREET AMOCO DURHAM AUTO SERVICE SAM'S QUIK SHOP	720 NINTH STREET 770 9TH STREET 722 IREDELL 1605 ERWIN ROAD	E 0 - 1/8 (0.123 mi.) NE 1/8 - 1/4 (0.175 mi.) E 1/8 - 1/4 (0.193 mi.) SSE 1/8 - 1/4 (0.207 mi.)	A3 B8 C10 12	11 21 27 33	

State and tribal Brownfields sites

BROWNFIELDS: 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 a brownfield agreement for cleanup and liabitly control.

A review of the BROWNFIELDS list, as provided by EDR, and dated 09/30/2010 has revealed that there is

1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ERWIN SQUARE	2211 HILLSBOROUGH ROAD	N 1/8 - 1/4 (0.133 mi.)	5	15

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURLINGTON	2100 W MAIN ST	S 0 - 1/8 (0.123 mi.)	1	7
Lower Elevation	Address	Direction / Distance	Map ID	Daga
	Address	Direction / Distance		Page

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 19 IMD sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEST MAIN BP	1922 WEST MAIN ST.	SE 1/8 - 1/4 (0.221 mi.)	D15	49
PARK RESEARCH CENTER	104 ALEXANDER DR	SSW 1/8 - 1/4 (0.224 mi.)	E17	53
LLOYD'S 66	1802 WEST MAIN ST.	SE 1/4 - 1/2 (0.303 mi.)	25	80
GREENE PROPERTY, DAYLON	1007 HALE ST.	NNW 1/4 - 1/2 (0.413 mi.)	28	91
DUKE - ACCOUNTING	406 SWIFT AVE	SSE 1/4 - 1/2 (0.464 mi.)	133	103
DUKE - PLANT ACCOUNTING	408 SWIFT AVENUE	SSE 1/4 - 1/2 (0.465 mi.)	134	105
MERCHANTS TIRE & AUTO #02003	2720 HILLSBOROUGH RD	NW 1/4 - 1/2 (0.498 mi.)	35	108
Lower Elevation	Address	Direction / Distance	Map ID	Page
REGULATOR BOOK SHOP	720 9TH STREET	E 0 - 1/8 (0.123 mi.)	A2	8
AMOCO, 9TH STREET	770 9TH ST	NE 1/8 - 1/4 (0.175 mi.)	B7	18
NINTH STREET BAKERY	776 NINTH STREET	NE 1/8 - 1/4 (0.187 mi.)	B9	24
SAM'S QUIK SHOP	1605 ERWIN ROAD	SSE 1/8 - 1/4 (0.207 mi.)	12	33
PATTISHALL'S GARAGE (FORMER)	1900 WEST MARKHAM AVEI	NUENE 1/8 - 1/4 (0.220 mi.)	13	40
EXXON - DURHAM	2508 HILLSBOROUGH RD	WNW 1/4 - 1/2 (0.256 mi.)	19	57
EAST CAMPUS BP 215	801 BROAD STREET	ENE 1/4 - 1/2 (0.282 mi.)	G23	66
WHELESS PROPERTY, SYLVIA (FORM	811 BROAD STREET	ENE 1/4 - 1/2 (0.288 mi.)	G24	76
GEORGIA STREET - GTE	GEORGIA ST.	WNW 1/4 - 1/2 (0.350 mi.)	26	83
DURHAM FIRE STATION #2	1001 NINTH ST	NNE 1/4 - 1/2 (0.383 mi.)	27	86
GTE - KNOX	1807 KNOX STREET	NE 1/4 - 1/2 (0.441 mi.)	H30	95

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHGATE & SON INSURANCE (DU	1013 BROAD STREET	NE 1/4 - 1/2 (0.460 mi.)	H32	100

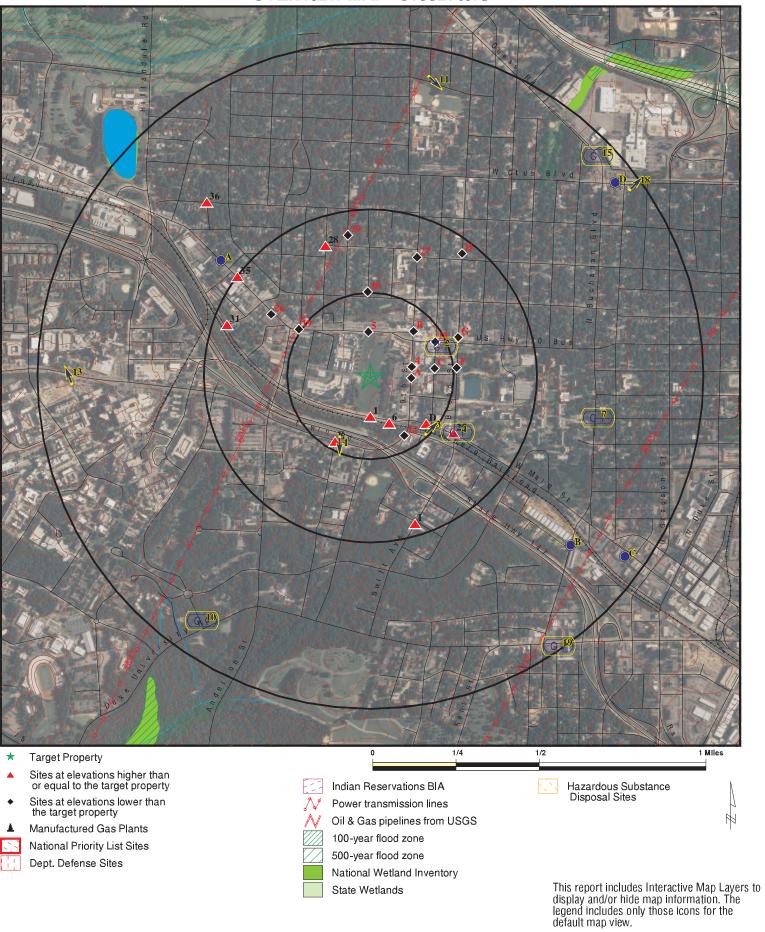
Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name

BLUE CROSS BLUE SHIELD (DURHAM SER GTE - HWY 54 WEST BROTHERS TRANSFER GTE CO. 0-016473 CIRCLE K STORE # 2706330 **PANTRY #3163** CIRCLE K #08205 HEARTLAND FLOWERS BAKING CO OF WEST VIRGINIA **BULL CITY RADIATOR & AUTO SERVICE** DURHAM AUTO BODY INC AMERICAN TOBACCO - NOELL AMERICAN TOBACCO - HILL DALCORSO, DANIEL - RESIDENCE FOGELMAN, F.M. - RESIDENCE **BURLINGTON INDUSTRY - DURHAM PLAN** NADEAU, JAYNE - RESIDENCE HARRY R PHILLIPS - RESIDENCE BLUE CROSS BLUE SHIELD (DURHAM CIRCLE K STORE # 2706312

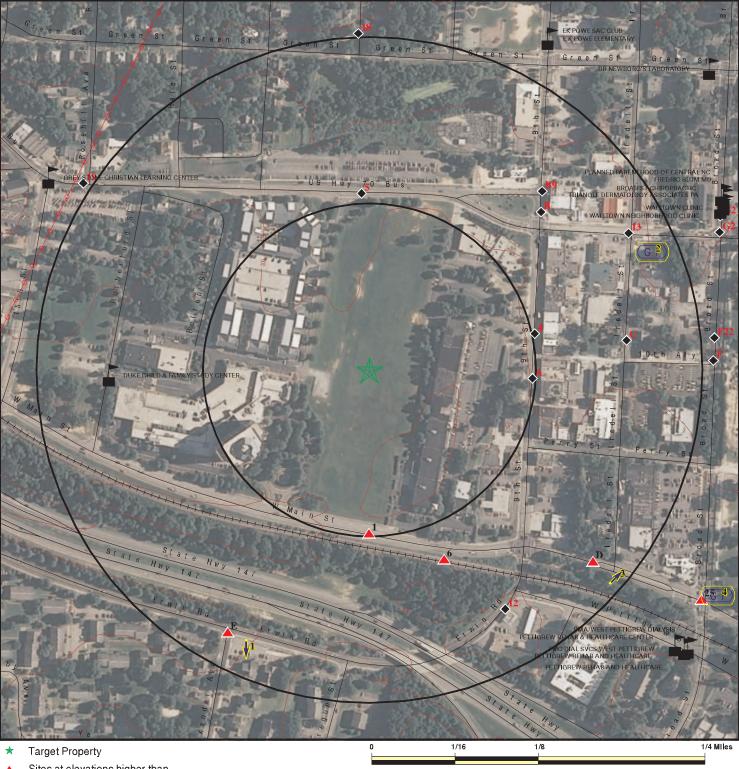
Database(s) HWS IMD,LUST IMD,LUST IMD,LUST IMD,LUST LUST TRUST LUST TRUST LUST TRUST FINDS,RCRA-NLR **RCRA-NLR** RCRA-NLR RCRA-NLR RCRA-NLR FINDS FINDS FINDS FINDS FINDS IMD IMD

OVERVIEW MAP - 3159276.1s



ADDRESS:	Durham NC 27705		S&ME Tom Perez 3159276.1s September 01, 2011 9:43 pm
		Convelation	t © 2011 EDB Inc. © 2010 Tele Atlas Bel. 07/2009

DETAIL MAP - 3159276.1s



- 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

- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

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

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Hazardous Substance Disposal Sites

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generato	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	0 0 1	NR NR NR	NR NR NR	NR NR NR	0 0 1
Federal institutional cor engineering controls re								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent NPL							
NC HSDS		1.000	0	0	0	1	NR	1
State- and tribal - equiva	alent CERCLIS	5						
SHWS		1.000	0	0	0	1	NR	1
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
OLI		0.500	0	0	0	NR	NR	0
State and tribal leaking	storage tank l		-	-		•	•	• -
LUST		0.500	1	6	16	NR	NR	23

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST LAST INDIAN LUST		0.500 0.500 0.500	0 0 0	4 0 0	6 2 0	NR NR NR	NR NR NR	10 2 0
State and tribal register	ed storage tai	nk lists						
UST AST INDIAN UST FEMA UST		0.250 0.250 0.250 0.250	1 0 0 0	6 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	7 0 0 0
State and tribal institution control / engineering co		es						
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntar	ry cleanup site	es						
VCP INDIAN VCP		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfi	elds sites							
BROWNFIELDS		0.500	0	1	0	NR	NR	1
ADDITIONAL ENVIRONME	NTAL RECORD	s						
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
DEBRIS REGION 9 ODI HIST LF INDIAN ODI		0.500 0.500 0.500 0.500	0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Lists of Hazardou Contaminated Sites	s waste /							
US CDL US HIST CDL		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS 2 LUCIS		TP 0.500	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency	Release Repo	orts						
HMIRS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Rec	cords							
RCRA-NonGen DOT OPS DOD FUDS		0.250 TP 1.000 1.000	1 NR 0 0	1 NR 0 0	NR NR 0 0	NR NR 0 0	NR NR NR NR	2 0 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
IMD		0.500	1	6	12	NR	NR	19
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECOR	DS							
EDR Proprietary Records	;							
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID		MAP FINDINGS		
Direction Distance	Ч			EDR ID Number
Elevation	Site		Database(s)	EPA ID Number
		-		
HSDS Region	LIGGETT & MYERS TOBACCO C	0	NC HSDS	S102442265 N/A
SE	, NC			
1/2-1 3228 ft.				
5220 H.	NC HSDS:			
	Site Type: Federal			
	Superfund ID: 097 724 00			
	Lat/Long: 36 0 6.66	9864 78 54 54.024058		
1	BURLINGTON		RCRA-NonGen	1004745339
South	2100 W MAIN ST		FINDS	NCD982093916
< 1/8 0.123 mi.	DURHAM, NC 27705			
647 ft.				
Relative:	RCRA-NonGen:			
Higher	Date form received by agency	y: 12/28/1989 BURLINGTON		
Actual:	Facility name: Facility address:	2100 W MAIN ST		
419 ft.		DURHAM, NC 27705		
	EPA ID: Mailing address:	NCD982093916 PO BOX 21207		
	-	GREENSBORO, NC 27420		
	Contact: Contact address:	NAME NO-CONTACT 2100 W MAIN ST		
	Contact address.	DURHAM, NC 27705		
	Contact country:	US		
	Contact telephone: Contact email:	(919) 286-3790 Not reported		
	EPA Region:	04		
	Classification: Description:	Non-Generator Handler: Non-Generators do not presently generate h	ozordovo wosto	
	Description.	Tandier. Non-Generators do not presently generate in	azaluous waste	
	Owner/Operator Summary:			
	Owner/operator name:	ERWIN SQUARE LIMITED PARTNERSHIP		
	Owner/operator address:	Not reported Not reported		
	Owner/operator country:	Not reported		
	Owner/operator telephone:	Not reported		
	Legal status: Owner/Operator Type:	Private Owner		
	Owner/Op start date:	Not reported		
	Owner/Op end date:	Not reported		
	Handler Activities Summary:			
	U.S. importer of hazardous w	aste: No		
	Mixed waste (haz. and radioa			
	Recycler of hazardous waste Transporter of hazardous was			
	Treater, storer or disposer of	HW: No		
	Underground injection activity			
	On-site burner exemption: Furnace exemption:	No No		
	Used oil fuel burner:	No		
	Used oil processor: User oil refiner:	No No		
	Used oil fuel marketer to burr			

Type: Location:

Facility

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

BURLINGTON (Continued) 1004745339 Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No Hazardous Waste Summary: F001 Waste code: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: Waste name: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. Violation Status: No violations found FINDS: Registry ID: 110006825739 Environmental Interest/Information System RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA. A2 **REGULATOR BOOK SHOP** IMD S102001125 East 720 9TH STREET LUST N/A **DURHAM, NC** < 1/8 0.123 mi. Site 1 of 2 in cluster A 647 ft. IMD: **Relative:** RAL Region: Lower Facility ID: 15077 Actual: Date Occurred: 7/12/1995 400 ft. Submit Date: 2/20/1996 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No GW SAMPLE SHOWED BENZENE 12.7 PPB. Incident Desc: TOM CAMPBELL Operator: Contact Phone: 919-286-2700 **Owner Company: REGULATOR BOOK SHOP** Operator Address:720 9TH STREET Operator City: DURHAM Oper City, St, Zip: DURHAM, NC 27708-Ownership: Unknown Operation: Not reported Material: STANDARD SOLVENT Qty Lost 1: Not reported Qty Recovered 1: Not reported Source: Leak-underground Gasoline/diesel

Database(s)

EDR ID Number EPA ID Number

S102001125

REGULATOR BOOK SHOP (Continued)

Setting:	Urban	-
Risk Site:	L	
Site Priority:	40E	
Priority Code:	L	
Priority Update:	4/16/199	8
Dem Contact:	STF	
Wells Affected:	No	
Num Affected:	0	
Wells Contam:	Not repo	rted
Sampled By:	Other [.]	
Samples Include:	Groundw	ater Samples
7.5 Min Quad:		Not reported
5 Min Quad:		I43U
Latitude:		36.00972222
Longitude:		-78.92166666
Latitude Number:		360035
Longitude Numbe	r:	785518
Latitude Decimal:		36.0097222222222
Longitude Decima	ıl:	78.9216666666667
GPS:		4
Agency:		DWM
Facility ID:		15077
Last Modified:		Not reported
Incident Phase:		RE
NOV Issued:		Not reported
NORR Issued:		Not reported
45 Day Report:		Not reported
Public Meeting He	eld:	Not reported
Corrective Action	Planned:	Not reported
SOC Sighned:		Not reported
Reclassification R	eport:	Not reported
RS Designation:		Not reported
Closure Request I	Date:	Not reported
Close-out Report:		Not reported

LUST:

001.		
Facility ID:	0-015839	
UST Number:	RA-2338	
Incident Number:	15077	
Contamination Type:		Groundwater/Both
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	1995-09-07 00	:00:00
Date Occur:	1995-07-12 00	:00:00
Cleanup:	1995-07-12 00	:00:00
Closure Request:	Not reported	
Close Out:	2008-01-25 00	:00:00
Level Of Soil Cleanup A	Achieved:	Soil to Groundwater
Tank Regulated Status	:	Regulated
# Of Supply Wells:	0	
Commercial/NonComm	ercial UST Site:	COMMERCIAL
Risk Classification:		L
Risk Class Based On F	leview:	L
Corrective Action Plan	Туре:	Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	Not reported	

Database(s)

EDR ID Number EPA ID Number

REGULATOR BOOK SHOP (Continued)

Site Priority: 40E Phase Of LSA Req: Not reported Site Risk Reason: Not reported Land Use: Not reported MTBE: No MTBE1: Unknown Flag: No Flag1: No LUR Filed: Not reported Release Detection: 0 Current Status: File Located in House RBCA GW: Not reported PETOPT: 5 RPL: False CD Num: Not reported Reel Num: Not reported **RPOW:** False RPOP: False Error Flag: 0 Error Code: Ν Valid: False Lat/Long: 36 0 34.98 78 55 17.94 Lat/Long Decimal: 36.009721999999996 78.92166600000002 Testlat: Not reported Regional Officer Project Mgr: STF Raleigh Region: **REGULATOR BOOK SHOP** Company: Contact Person: TOM CAMPBELL Telephone: 919-286-2700 **RP** Address: 720 9TH STREET RP City,St,Zip: DURHAM, NC 27708-**RP** County: Not reported Comments: STF ACCEPTED ON 8/5/96 BUT CLEANUP IS UNLIKELY AT THIS TIME.///Sent to CO on 07-26-2006 .. tw.. //NFA issued by STF Branch 1/25/08. -MRP// Not reported 5 Min Quad: l43u PIRF: Facility Id: 15077 Date Occurred: 1995-07-12 00:00:00 Date Reported: 1996-02-20 00:00:00 Description Of Incident: GW SAMPLE SHOWED BENZENE 12.7 PPB. Owner/Operator: TOM CAMPBELL Ownership: 3 **Operation Type:** Not reported Type: 5 Location: 1 Site Priority: 40E Priority Update: 1998-04-16 00:00:00 Wells Affected Y/N: Ν Samples Include: 0 7#5 Minute Quad: 4 5 Minute Quad: 1 Pirf/Min Soil: Not reported Release Code: 143U Pirf Source Code: Err Type: Not reported Not reported Cause:

S102001125

Database(s)

EDR ID Number EPA ID Number

REGULATOR BOOK SHOP (Continued)

Incident Phase: Cle	ot reported
NOV Issued: No	ot reported
Public Meeting Held:NoCorrective Action Planned:NoSOC Signed:NoReclassification Report:NoRS Designation:NoClosure Request Date:No	t reported osed Out t reported t reported

A3NINTH STREET ASSOCIATESEast720 NINTH STREET< 1/8</td>DURHAM, NC 277050.123 mi.

Site 2 of 2 in cluster A

647 ft.

Relative:	UST:	
Lower	Facility ID:	0-015839
	Region:	5
Actual:	Facility Telephone:	(919) 286-0747
400 ft.	Last Update:	Not reported
	Owner Name:	NINTH STREET ASSOCIATES
	Owner Address:	720 NINTH STREET
	Owner City,St,Zip:	DURHAM, NC 27705
	Owner Phone:	(919) 286-0747
	Latitude:	0
	Latitude 1:	Not reported
	Longitude:	0
	Longitude 1:	Not reported
	GPS String Confirmed:	No
	Initials of Individual Con	firming GPS: Not reported

Tank ID

1	
Not reported	ł
550	
Permanent	Closed
1971-05-05	00:00:00
1995-11-30	00:00:00
Other, Haza	rdous
HAZ	
Unknown	
	No
	No
	Not reported
Unknown	
Unknown	
Unknown	
Not reported	ł
	Not reported 550 Permanent 1971-05-05 1995-11-30 Other, Haza HAZ Unknown Unknown

S102001125

UST U003136181 N/A

Database(s)

EDR ID Number EPA ID Number

NINTH STREET ASSOCIATES (Continued)

Leak Detection Type:	Not reporte	b
Leak Detection Piping 1	:Not reported	b
Corrosn Protec Tank:	Not reporte	d
Corrosn Protec Pipe:	Not reporte	b
Spill and Overfill:	Not reporte	b
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	nk Date:	Not reported
Corrosion Protection Pip	oing Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co	de:	Not reported
Piping System Type De	scription:	Not reported
Comment:	STODDARI	O SOLVENT

Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type:	2 Not reported 550 Permanent 1971-05-05 1995-11-30 Unknown NIU	Closed 00:00:00
Tank Material:	Unknown	
Compartment Tank:	Childhown	No
Main Tank:		No
Tank Last Used Date:		1973-01-01 00:00:00
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number:		Not reported
End Certified Number:		Not reported
Interior Protection:	Unknown	
Exterior Protection:	Unknown	
Piping material:	Unknown	
Certify Type:	Not reported	
Leak Detection Type:	Not reported	
Leak Detection Piping 1	•	
Corrosn Protec Tank:	Not reported	
Corrosn Protec Pipe:	Not reported	
Spill and Overfill:	Not reported	
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta		Not reported
Corrosion Protection Pip	bing Date:	Not reported
Spill Overfill Date:	40.	Not reported
Piping System Type Co		Not reported
Piping System Type Des	scription	Not reported

U003136181

Database(s)

EDR ID Number EPA ID Number

NINTH STREET ASSOCIATES (Continued)

Comment:	Not reported	d
Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material:	3 Not reporter 550 Permanent 1971-05-05 1995-11-30 Fuel Oil HEA Unknown	Closed 00:00:00
Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number		No Not reported Not reported Not reported Not reported
End Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type: Leak Detection Piping 1	Unknown Unknown Unknown Not reporter Not reporter	d
Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill:	Not reported Not reported Not reported	d
Surface Water: Water Supply Well: Leak Detection Piping 2 Leak Detection Type 2: Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Piping System Type Co Piping System Type De Comment:	nk1: nk Date: bing Date: de:	Not reported Not reported

4 ENE 1/8-1/4 0.127 mi. 672 ft.	BERNARD'S FORMAL WEARE 734 NINTH ST DURHAM, NC 27705	EINC		
Relative:	RCRA-CESQG:			
Lower	Date form received by agency: 04/25/1991			
	Facility name:	BERNARD'S FORMAL WEARE INC		
Actual:	Facility address:	734 NINTH ST		
399 ft.		DURHAM, NC 27705		
	EPA ID:	NCD986187243		
	Mailing address:	NINTH ST		
		DURHAM, NC 27705		
	Contact:	JEAN LORENZO		
	Contact address:	734 NINTH ST		

U003136181

RCRA-CESQG 1004745960 FINDS NCD986187243

Database(s)

EDR ID Number EPA ID Number

1004745960

BERNARD'S FORMAL WEARE INC (Continued)

SERNARD'S FORMAL WEARE IN	NC (Continued)	1004745960
	DURHAM, NC 27705	
Contact country:	US	
Contact telephone:	(919) 286-3633	
Contact email:	Not reported	
EPA Region:	04	
Classification:	Conditionally Exempt Small Quantity Generator	
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting	
	from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste	
Owner/Operator Summary:		
Owner/operator name:	JEAN LORENZO	
Owner/operator address:	734 NINTH STREET	
- - - - - -	DURHAM, NC 27705	
Owner/operator country:	Not reported	
Owner/operator telephone:	(919) 286-3633	
Legal status:	Private	
Owner/Operator Type:	Owner	
Owner/Op start date:	Not reported	
Owner/Op end date:	Not reported	
Handler Activities Summary:		
U.S. importer of hazardous w		
Mixed waste (haz. and radioa	uctive): No	
Recycler of hazardous waste	: No	
Transporter of hazardous was		
Treater, storer or disposer of		
Underground injection activity	<i>r</i> : No	
On-site burner exemption:	No	
Furnace exemption:	No	
Used oil fuel burner:	No	
Used oil processor:	No	
User oil refiner:	No	
Used oil fuel marketer to burr		
Used oil Specification market		
Used oil transfer facility:	No	
Used oil transporter:	No	
Hazardous Waste Summary:		
Waste code:	F002	
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOR	

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

Map ID		MAP FINDINGS		
Direction Distance Elevation	Site	ب ا	Database(s)	EDR ID Number EPA ID Number
	BERNARD'S FORMAL WEA	RE INC (Continued) BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (B OF THE ABOVE HALOGENATED SOLVENTS OR THOSE F005, AND STILL BOTTOMS FROM THE RECOVERY OF	LISTED IN FO	001, F004, OR
	Violation Status: FINDS:	SPENT SOLVENT MIXTURES.		NI SOLVENTS AND
		110004043071		
	Cons event and t progr	nformation System Alnfo is a national information system that supports the Resource ervation and Recovery Act (RCRA) program through the tracking of s and activities related to facilities that generate, transport, reat, store, or dispose of hazardous waste. RCRAInfo allows RCRA am staff to track the notification, permit, compliance, and ctive action activities required under RCRA.		
5 North 1/8-1/4 0.133 mi. 701 ft.	ERWIN SQUARE 2211 HILLSBOROUGH ROA DURHAM, NC		 DWNFIELDS	S105838279 N/A
Relative: Lower Actual: 392 ft.	BROWNFIELDS: Project Type: Contact Type: Contact Name: Comments:	FINALIZED BROWNFIELDS AGREEMENTS Not reported WP East Acquisitions, LLC This approximately 6-acre property is a portion of a decommiss former Burlington Industries site, other portions of which have already been redeveloped.There is known chlorinated solvent contamination in groundwater, and these impacts are being add under an approved Division of Water Quality corrective action p intends to redevelop the site in high-density residential use.	dressed	
6 SSE 1/8-1/4 0.153 mi. 807 ft.	BURLINGTON IND DURH CORNER OF NINTH & WES DURHAM, NC 27705		UST	U001196381 N/A
Relative: Higher	UST: Facility ID:	0-016153 5		
Actual: 415 ft.	Region: Facility Telephone: Last Update: Owner Name: Owner Address: Owner City,St,Zip: Owner Phone: Latitude: Latitude 1: Longitude 1: GPS String Confirmed:	(919) 286-1201 1994-12-06 00:00:00 SEHED DEVELOPMENT CORP. 2200 WEST MAIN ST/SUITE 900 DURHAM, NC 27705 (999) 999-9999 0 Not reported 0 Not reported		

Database(s)

EDR ID Number EPA ID Number

BURLINGTON IND. - DURHAM PLAN (Continued)

Initials of Individual Confirming GPS: Not reported

Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type:	NON	Closed 00:00:00
Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number:	Steel	No No Not reported Not reported Not reported Not reported
End Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type:	None None Steel Not reported Not reported	Not reported
Leak Detection Piping 1 Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill: Surface Water: Water Supply Well:	Not reported Not reported Not reported Not reported	t t
Leak Detection Piping 2 Leak Detection Type 2: Corrosion Protection Ta Corrosion Piping: Overfill:	nk1:	Not reported Not reported Not reported Not reported Not reported
Corrosion Protection Ta Corrosion Protection Pip Spill Overfill Date: Piping System Type Coo Piping System Type Des Comment:	oing Date: de:	Not reported Not reported Not reported Not reported Not reported
Tank ID: Tank ID Number: Tank Capacity:	2 Not reported 500	3

Tank ID Number:	Not reported
Tank Capacity:	500
Status:	Permanent Closed
Date installed:	1980-07-05 00:00:00
Date removed:	1988-12-31 00:00:00
Tank Product:	Oil, New/Used/Mixture
Product Type:	NON
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported

U001196381

Database(s)

EDR ID Number EPA ID Number

BURLINGTON IND. - DURHAM PLAN (Continued)

End Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type: Leak Detection Piping 1	None None Steel Not reported Not reported	d
Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill:	Not reported Not reported Not reported	d d
Surface Water: Water Supply Well: Leak Detection Piping 2 Leak Detection Type 2: Corrosion Protection Ta Corrosion Protection Ta	nk1: nk Date: bing Date: de:	Not reported Not reported
Tank ID: Tank ID Number: Tank Capacity:	3 Not reported 250	d

raint ib.	0
Tank ID Number:	Not reported
Tank Capacity:	250
Status:	Permanent Closed
Date installed:	1950-05-15 00:00:00
Date removed:	1988-12-31 00:00:00
Tank Product:	Other, Hazardous
Product Type:	HAZ
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number	Not reported
End Certified Number:	Not reported
Interior Protection:	None
Exterior Protection:	None
Piping material:	Steel
Certify Type:	Not reported
Leak Detection Type:	Not reported
Leak Detection Piping 1	:Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill:	Not reported
Surface Water:	Not reported
Water Supply Well:	Not reported
Leak Detection Piping 2	: Not reported
Leak Detection Type 2:	Not reported
Corrosion Protection Ta	nk1: Not reported
Corrosion Piping:	Not reported
Overfill:	Not reported

U001196381

Map ID		MAP FINDINGS		
Direction Distance Elevation	Site	ч	Database(s)	EDR ID Number EPA ID Number
	BURLINGTON IND D	OURHAM PLAN (Continued)		U001196381
	Corrosion Protect Corrosion Protect Spill Overfill Date	ion Piping Date: Not reported		
	Piping System Ty Piping System Ty Comment:			
B7 NE 1/8-1/4	AMOCO, 9TH STREET 770 9TH ST DURHAM, NC		IMD LUST	S101573697 N/A
0.175 mi. 926 ft.	Site 1 of 3 in cluster B			
Relative:	IMD:			
Lower	Region: Facility ID:	RAL 12580		
Actual: 392 ft.	Date Occurred:	12/3/1993		
392 II.	Submit Date: GW Contam:	8/24/1994 No Groundwater Contamination detected		
	Soil Contam:	Yes		
	Incident Desc:	UPON REMOVAL OF 4 USTS, MINOR SOIL CONTAM. WAS CONF	IRMED.	
	Operator: Contact Phone:	WILLIAM T. NEAL Not reported		
	Owner Company:	Not reported		
	Operator Address			
	Operator City: Oper City St Zip:	DURHAM DURHAM, NC 27705-		
	Ownership:	Private		
	Operation:	Commercial		
	Material: Qty Lost 1:	GASOLINE Not reported		
	Qty Recovered 1:	•		
	Material:	DIESEL		
	Qty Lost:	Not reported		
	Qty Recovered: Source:	Not reported Leak-underground		
	Туре:	Gasoline/diesel		
	Location:	Facility		
	Setting: Risk Site:	Urban Not reported		
	Site Priority:	Not reported		
	Priority Code:	Not reported		
	Priority Update: Dem Contact:	Not reported MRP		
	Wells Affected:	Not reported		
	Num Affected:	0		
	Wells Contam:	Not reported		
	Sampled By: Samples Include:	Not reported		
	7.5 Min Quad:	Not reported		
	5 Min Quad:	Not reported		
	Latitude:	Not reported		
	Longitude: Latitude Number:	Not reported Not reported		
	Longitude Number	•		
	Latitude Decimal:	Not reported		
	Longitude Decima GPS:	al: Not reported 7		

Database(s)

EDR ID Number EPA ID Number

MOCO, 9TH STREET (Con	itinued)	
Agency: Facility ID: Last Modified: Incident Phase: NOV Issued:	DWM 12580 9/21/1994 Closed Out 7/2/2002	
NORR Issued:	Not reported	k
45 Day Report:	Not reported	k
Public Meeting Held:	Not reported	k
Corrective Action Planne	ed: Not reported	k
SOC Sighned:	Not reported	ł
Reclassification Report:	Not reported	
RS Designation:	Not reported	
Closure Request Date:	Not reported	k
Close-out Report:	8/15/1994	
LUST: Facility ID:	0-002991	
UST Number:	RA-2041	
Incident Number:	12580	
Contamination Type:		Soil
Source Type:	Leak-undergrou	und
Product Type:	PETROLEUM	
Date Reported:	1993-12-28 00:	00:00
Date Occur:	1993-12-03 00:	00:00
Cleanup:	Not reported	
Closure Request:	Not reported	
Close Out:	1994-08-16 00:	
Level Of Soil Cleanup A	chieved:	Not reported
Tank Regulated Status:		Regulated
# Of Supply Wells:	0	
Commercial/NonComme	ercial UST Site:	COMMERCIAL
Risk Classification:		Not reported
Risk Class Based On Re		Not reported
Corrective Action Plan T	• •	Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	Not reported	
Site Priority:	0	
Phase Of LSA Req:	Not reported	
Site Risk Reason:	Not reported	
Land Use:	Not reported	
MTBE:	No	
MTBE1:	Unknown	

No

No

0

3

45 105

False

False

False

0

Ν

Not reported

Not reported

File Located in Archives

Flag:

Flag1:

LUR Filed:

PETOPT:

CD Num:

RPOP:

Reel Num: RPOW:

Error Flag:

Error Code:

RPL:

Release Detection:

Current Status: RBCA GW: S101573697

Database(s)

EDR ID Number EPA ID Number

	Continued)	
Valid:	False	
Lat/Long:	Not reported	
Lat/Long Decimal:	00	
Testlat:	Not reported	
Regional Officer Proj	ect Mgr:	MRP
Region:		Raleigh
Company:		Not reported
Contact Person:		WILLIAM T. NEAL
Telephone:		Not reported
RP Address:		9206 NEAL RD.
RP City,St,Zip:		DURHAM, NC 27705-
RP County:		Not reported
Comments:	Not reported	
5 Min Quad:	Not reported	
PIRF:		
Facility Id:		12580
Date Occurred:		1993-12-05 00:00:00
Date Reported:		1994-08-24 00:00:00
Description Of Incide	nt:	UPON REMOVAL OF 4 USTS, MINOR SOIL CONTAM. WAS CONFIRM
Owner/Operator:		WILLIAM T. NEAL
Ownership:		4
Operation Type:		6
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:		Min_Soil
Err Type:		Not reported
Cause:		Not reported
Source:		Not reported
Ust Number:		Not reported
Last Modified:		1994-09-21 00:00:00
Incident Phase:		Closed Out
NOV Issued:		2002-07-02 00:00:00
NORR Issued:		Not reported
45 Day Report:		Not reported
Public Meeting Held:		Not reported
Corrective Action Pla	nned [.]	Not reported
SOC Signed:		Not reported
Reclassification Repo	ort.	Not reported
RS Designation:		Not reported
Closure Request Dat	۵.	Not reported
Close-out Report:	0.	1994-08-15 00:00:00

Database(s)

EDR ID Number EPA ID Number

Owner Name:WILLIAMOwner Address:4206 NE4Owner City,St,Zip:DURHAMOwner Phone:(919) 682Latitude:0Latitude:0Longitude:0Longitude:0Longitude 1:Not reporGPS String Confirmed:NoInitials of Individual Confirming GFTank ID:1Tank ID Number:Not reporTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
1/8-1/4 0.175 mi.DURHAM, NC 27705926 ft.Site 2 of 3 in cluster BRelative: LowerUST: Facility ID: Pagion: Site 2 of 3 in cluster BActual: 392 ft.Facility Telephone: Facility Telephone: Owner Name: Owner Address: Owner Address: UST: DURHAM Owner Address: UST: DURHAM Owner City,St,Zip: DURHAM Owner Phone: Comer City,St,Zip: DURHAM Owner Phone: 	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
0.175 mi. 926 ft.Site 2 of 3 in cluster BRelative: LowerUST: Facility ID: Region: 5Actual: 392 ft.Facility Telephone: Facility Telephone: (919) 682 Last Update: Owner Name: Owner Address: 4206 NEA Owner City,St,Zip: DURHAM Owner Address: 4206 NEA Owner City,St,Zip: DURHAM Owner Phone: Latitude: Latitude: 	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
926 ft.Site 2 of 3 in cluster BRelative: LowerUST: Facility ID: Region: Sactual: 392 ft.0-002991 Region: Sactual: Last Update: Update: Update: Updates: Updates: Updates: Updates: Updates: Updates: Updates: Updates: Updates: Updates: Updates: 	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
LowerFacility ID:0-002991Region:5Actual:Facility Telephone:(919) 682392 ft.Last Update:1992-06-2Owner Name:WILLIAMOwner Address:4206 NEAOwner Address:4206 NEAOwner City,St,Zip:DURHAMOwner Phone:(919) 682Latitude:0Latitude:0Latitude:0Longitude:0Longitude 1:Not reportLongitude 1:Not reportGPS String Confirmed:NotInitials of Individual Confirming GPTank ID:1Tank ID:1Tank ID Number:Not reportTank ID:1Tank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
LowerFacility ID:0-002991Region:5Actual:Facility Telephone:(919) 682392 ft.Last Update:1992-06-2Owner Name:WILLIAMOwner Address:4206 NEAOwner Address:4206 NEAOwner City,St,Zip:DURHAMOwner Phone:(919) 682Latitude:0Latitude:0Latitude:0Longitude:0Longitude:0Longitude:0Initials of Individual Confirming GPTank ID:1Tank ID:1Tank ID Number:Not reporTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
Actual: 392 ft.Region: Facility Telephone: (919) 682 Last Update: Owner Name: Owner Name: WILLIAM Owner Address: 4206 NEA Owner City,St,Zip: DURHAM Owner Phone: (919) 682 Latitude: Latitude: Latitude: Latitude: Latitude: Latitude: Longitude: Image: Out and the second	2-9168 24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted
Actual: 392 ft.Facility Telephone: Last Update: Owner Name: Owner Name: WILLIAM Owner Address: 4206 NEA Owner City,St,Zip: DURHAM Owner Phone: (919) 682 Latitude: Latitude: Latitude: Latitude: Latitude: Latitude: Longitude: Complete: O Longitude: 	24 00:00:00 T. NEAL AL ROAD 1, NC 27705 2-9168 ted ted 2S: Not reported
DistributionWilLliAMOwner Name:WilLliAMOwner Address:4206 NEAOwner City,St,Zip:DURHAMOwner Phone:(919) 682Latitude:0Latitude 1:Not reportLongitude 1:Not reportLongitude 1:Not reportGPS String Confirmed:NotInitials of Individual Confirming GPTank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	T. NEAL AL ROAD 1, NC 27705 -9168 ted ted ?S: Not reported
Owner Address:4206 NEAOwner City,St,Zip:DURHAMOwner Phone:(919) 682Latitude:0Latitude 1:Not reportLongitude 1:Not reportLongitude 1:Not reportGPS String Confirmed:NotInitials of Individual Confirming GPTank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	AL ROAD 1, NC 27705 1-9168 ted ted ?S: Not reported
Owner City,St,Zip:DURHAMOwner Phone:(919) 682Latitude:0Latitude 1:Not reportLongitude 1:Not reportLongitude 1:Not reportGPS String Confirmed:NotInitials of Individual Confirming GPTank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	I, NC 27705 -9168 ted ted ?S: Not reported
Owner Phone:(919) 682Latitude:0Latitude 1:Not reportLongitude 1:0Longitude 1:Not reportGPS String Confirmed:NotInitials of Individual Confirming GPTank ID:1Tank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	-9168 ted ted ?S: Not reported
Latitude:0Latitude 1:Not reportLongitude:0Longitude 1:Not reportGPS String Confirmed:NotInitials of Individual Confirming GPTank ID:1Tank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	ted ted ?S: Not reported
Latitude 1:Not reportLongitude:0Longitude 1:Not reportGPS String Confirmed:NoInitials of Individual Confirming GPTank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	ted ?S: Not reported
Longitude:0Longitude 1:Not reportGPS String Confirmed:NoInitials of Individual Confirming GPTank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	ted ?S: Not reported
Longitude 1: Not repor GPS String Confirmed: No Initials of Individual Confirming GP Tank ID: 1 Tank ID Number: Not repor Tank Capacity: 7000 Status: Permane Date installed: 1964-01-0 Date removed: 1993-12-2 Tank Product: Gasoline,	'S: Not reported
GPS String Confirmed:NoInitials of Individual Confirming GPTank ID:1Tank ID Number:Not reporTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	'S: Not reported
Initials of Individual Confirming GFTank ID:1Tank ID Number:Not reporTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	
Tank ID:1Tank ID Number:Not reportTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	
Tank ID Number:Not reporTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	ted
Tank ID Number:Not reporTank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	ted
Tank Capacity:7000Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	
Status:PermaneDate installed:1964-01-0Date removed:1993-12-2Tank Product:Gasoline,	
Date removed: 1993-12-2 Tank Product: Gasoline,	nt Closed
Tank Product: Gasoline,	01 00:00:00
	25 00:00:00
Braduat Tupot NON	Gasoline Mixture
Product Type: NON	
Tank Material: Steel	
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported
End Certified Number:	Not reported
Interior Protection: None	
Exterior Protection: Paint	
Piping material: Steel	tod
Certify Type: Not repor Leak Detection Type: Not repor	
Leak Detection Type: Not repor Leak Detection Piping 1:Not repor	
Corrosn Protec Tank: Not repor	
Corrosn Protec Pipe: Not repor	
Spill and Overfill: Not report	
Surface Water:	Not reported
Water Supply Well:	Not reported
Leak Detection Piping 2:	Not reported
Leak Detection Type 2:	Not reported
Corrosion Protection Tank1:	Not reported
Corrosion Piping:	Not reported
Overfill:	Not reported
Corrosion Protection Tank Date:	Not reported
Corrosion Protection Piping Date:	Not reported
Spill Overfill Date:	Not reported
Piping System Type Code:	Not reported
Piping System Type Description:	Not reported

Database(s)

EDR ID Number EPA ID Number

9TH STREET AMOCO (Continued)

Tank ID:	2
Tank ID Number:	Not reported
Tank Capacity:	3000
Status:	Permanent Closed
Date installed:	1964-01-01 00:00:00
Date removed:	1993-12-25 00:00:00
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported
End Certified Number:	Not reported
Interior Protection:	None
Exterior Protection:	Paint
Piping material:	Steel
Certify Type:	Not reported
Leak Detection Type:	Not reported
Leak Detection Piping 1:	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill:	Not reported
Surface Water:	Not reported
Water Supply Well:	Not reported
Leak Detection Piping 2	Not reported
Leak Detection Type 2:	Not reported
Corrosion Protection Tar	nk1: Not reported
Corrosion Piping:	Not reported
Overfill:	Not reported
Corrosion Protection Tar	
Corrosion Protection Pip	
Spill Overfill Date:	Not reported
Piping System Type Coo	
Piping System Type Des	
Comment:	Not reported

Not reported

Tank ID:	3
Tank ID Number:	Not reported
Tank Capacity:	2000
Status:	Permanent Closed
Date installed:	1964-01-01 00:00:00
Date removed:	1993-12-25 00:00:00
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported

U001187998

Database(s)

EDR ID Number EPA ID Number

9TH STREET AMOCO (Continued)

Begin Certified Number: End Certified Number:		Not reported Not reported
Interior Protection:	None	
Exterior Protection:	Paint	
Piping material:	Steel	
Certify Type:	Not reported	ł
Leak Detection Type:	Not reported	
Leak Detection Piping 1:	•	
Corrosn Protec Tank:	Not reported	
Corrosn Protec Pipe:	Not reported	1
Spill and Overfill:	Not reported	ł
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2:		Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Tar	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Tar	nk Date:	Not reported
Corrosion Protection Pip	ing Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Cod	de:	Not reported
Piping System Type Des	scription:	Not reported
Comment:	Not reported	ł

Tank ID:	4	
Tank ID Number:	Not reported	ł
Tank Capacity:	550	
Status:	Permanent	
Date installed:	1964-01-01	00:00:00
Date removed:	1993-12-25	00:00:00
Tank Product:	Oil, New/Us	ed/Mixture
Product Type:	NON	
Tank Material:	Steel	
Compartment Tank:		No
Main Tank:		No
Tank Last Used Date:		Not reported
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number:	:	Not reported
End Certified Number:		Not reported
Interior Protection:	None	
Exterior Protection:	Paint	
Piping material:	Steel	
Certify Type:	Not reported	k
Leak Detection Type:	Not reported	k
Leak Detection Piping 1	:Not reported	k
Corrosn Protec Tank:	Not reported	k
Corrosn Protec Pipe:	Not reported	k
Spill and Overfill:	Not reported	ł
Surface Water:	•	Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
		•

U001187998

Map ID	
Direction	
Distance	
Elevation	Site

Database(s)

EDR ID Number EPA ID Number

	9TH STREET AMOCO	(Continued)			U001187998
	Overfill:	(,	Not reported		
	Corrosion Protecti	ion Tank Date [.]	Not reported		
	Corrosion Protecti		Not reported		
	Spill Overfill Date:		Not reported		
	Piping System Typ		Not reported		
	Piping System Typ		Not reported		
	Comment:	Not reporte	ed		
B9	NINTH STREET BAKE	RY		IMD	S102554609
NE	776 NINTH STREET			LUST	N/A
1/8-1/4	DURHAM, NC			LUST TRUST	
0.187 mi.					
986 ft.	Site 3 of 3 in cluster B	1			
Relative:	IMD:				
Lower	Region:	RAL			
	Facility ID:	16846			
Actual:		9/12/1995			
389 ft.	Submit Date:	2/21/1997			
	GW Contam:		Contamination detected		
		Yes	ND 900 GALLON GASOLINE USTS REMOVED. M		
	Incident Desc:		ND 900 GALLON GASOLINE USTS REMOVED. M N FOUND UP TO 2200 PPM TPH.	INON SOIL	
	Operator:	MR. LEE S. BAR			
		919-489-9791			
	Owner Company:	Not reported			
	Operator Address	:1211 ANDERSO	N STREET		
	Operator City:	DURHAM			
	Oper City,St,Zip:		7705-		
	Ownership:	Private			
	Operation: Material:	Commercial GASOLINE			
		Not reported			
	Qty Recovered 1:				
		Leak-undergroun	ıd		
		Gasoline/diesel			
	Location:	Facility			
	Setting:	Urban			
	Risk Site:	L			
	Site Priority: Priority Code:	30E L			
		L 4/16/1998			
	Dem Contact:	STF			
	Wells Affected:	Not reported			
	Num Affected:	0			
	Wells Contam:	Not reported			
		Not reported			
	Samples Include:		a sha al		
	7.5 Min Quad:	Not rep			
	5 Min Quad: Latitude:	Not rep 36.0102			
	Longitude:	-78.921			
	Latitude Number:	360037			
	Longitude Numbe				
	Latitude Decimal:		277777778		
	Longitude Decima		944444444		
	GPS:	NOD			
	Agency:	DWM			

Database(s)

EDR ID Number EPA ID Number

NINTH STREET BAKERY (Continued)

Facility ID:	16846
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 Sighned:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

LUST:

•	551.		
	Facility ID:	Not reported	
	UST Number:	RA-2681	
	Incident Number:	16846	
	Contamination Type:		Soil
	Source Type:	Leak-undergro	und
	Product Type:	PETROLEUM	
	Date Reported:	1995-09-28 00	:00:00
	Date Occur:	1995-09-12 00	:00:00
	Cleanup:	1995-09-12 00	:00:00
	Closure Request:	Not reported	
	Close Out:	Not reported	
	Level Of Soil Cleanup A	chieved:	Not reported
	Tank Regulated Status:		Regulated
	# Of Supply Wells:	0	
	Commercial/NonComme	ercial UST Site:	COMMERCIAL
	Risk Classification:		L
	Risk Class Based On Re	eview:	L
	Corrective Action Plan T	ype:	Not reported
	NOV Issue Date:	Not reported	
	NORR Issue Date:	Not reported	
	Site Priority:	30E	
	Phase Of LSA Req:	1	
	Site Risk Reason:	Not reported	
	Land Use:	Not reported	
	MTBE:	No	
	MTBE1:	Unknown	
	Flag:	No	
	Flag1:	No	
	LUR Filed:	Not reported	
	Release Detection:	0	
	Current Status:	File Located in	House
	RBCA GW:	Not reported	
	PETOPT:	3	
	RPL:	False	
	CD Num:	Not reported	
	Reel Num:	Not reported	
	RPOW:	False	
	RPOP:	False	
	Error Flag:	0	
	Error Code:	Ν	
	Valid:	False	

S102554609

Database(s)

EDR ID Number EPA ID Number

NINTH STREET BAKERY (Continued) S102554609 Lat/Long: 36 0 37.68 78 55 19.2 36.010473099999999 78.922017600000004 Lat/Long Decimal: Not reported Testlat: Regional Officer Project Mgr: STF Region: Raleigh Not reported Company: Contact Person: MR. LEE S. BARNES, SR. Telephone: 919-489-9791 **RP** Address: **1211 ANDERSON STREET** RP City,St,Zip: DURHAM, NC 27705-**RP County:** Not reported Signed Recommendation for State Lead form on 2/15/05, RKD. No viable Comments: RP. // Received notice from STF on 3/4/05 that they are reviewing file for inclusion in State Lead program, RKD. // Accepted as State Lead site 3/18/05, RKD. 5 Min Quad: Not reported PIRF: Facility Id: 16846 Date Occurred: 1995-09-12 00:00:00 Date Reported: 1997-02-21 00:00:00 **Description Of Incident:** 5000 GALLON AND 900 GALLON GASOLINE USTS REMOVED. MINOR SOIL CONTAMINATION FOUND UP TO 2200 PPM TPH. Owner/Operator: MR. LEE S. BARNES, SR. Ownership: 4 Operation Type: 6 Type: 3 Location: 1 Site Priority: 30E 1998-04-16 00:00:00 Priority Update: 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 Not reported Release Code: Min_Soil Source Code: Err Type: Not reported Cause: Not reported Not reported Source: Not reported Ust Number: Last Modified: Not reported Incident Phase: Response Not reported NOV Issued: NORR Issued: Not reported Not reported 45 Day Report: 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

Database(s)

EDR ID Number EPA ID Number

S102554609

NINTH STREET BAKERY (Continued)

Site ID:16846Site Note:Not reportedSite Eligible?:TrueCommercial Find:100% CommercialPriority Rank:LowDeductable Amount:03rd Party Deductable Amt:0Sum 3rd Party Amt Applied:0

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

US21 ft. Site 1 of 2 in cluster C Relative: Lower Facility ID: Over Facility ID: Over Facility ID: Facility I	C10 East 1/8-1/4 0 193 mi	DURHAM AUTO SERVICE 722 IREDELL DURHAM, NC 27700		UST	U001195845 N/A
Lower Facility ID: 0-015393 Actual: Facility Telephone: S Actual: Facility Telephone: (XX) XXX-XXX 389 ft. Last Update: 1996-08-05 00:00:00 Owner Address: 170 SOUTH LA FAYETTE BOULEVARD Owner Address: 170 SOUTH LA FAYETTE BOULEVARD Owner City,SLZip: SUMTER, SC 29150 Owner City,SLZip: Not reported Lastitude: 0 Lastitude: Not reported Tank ID: A Tank ID: A Tank Capacity: 120 Status: Permanent Closed Date installed:		Site 1 of 2 in cluster C			
Certify Type: Not reported Leak Detection Type: Not reported Leak Detection Piping 1:Not reported Corrosn Protec Tank: Not reported	1/8-1/4 0.193 mi. 1021 ft. Relative: Lower Actual:	DURHAM, NC 27700 Site 1 of 2 in cluster C UST: Facility ID: Region: Facility Telephone: Last Update: Owner Name: Owner Address: Owner City,St,Zip: Owner Phone: Latitude 1: Longitude 1: Longitude 1: GPS String Confirmed: Initials of Individual Cor Tank ID: Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection:	5 (XXX) XXX-XXX 1996-08-05 00:00 SOUTHEASTERN CHEMICAL & SOLVENT 170 SOUTH LA FAYETTE BOULEVARD SUMTER, SC 29150 (803) 778-7436 0 Not reported 0 Not reported 0 Not reported No firming GPS: Not reported 120 Permanent Closed 1976-02-05 00:00:00 1988-12-13 00:00:00 Other, Hazardous HAZ Steel No Not reported Not reported		
Corrosn Protec Tank: Not reported		Certify Type: Leak Detection Type:	Not reported Not reported		
		Corrosn Protec Tank:	Not reported		

Database(s)

EDR ID Number EPA ID Number

U001195845

DURHAM AUTO SERVICE (Continued)

Spill and Overfill: Not reported Surface Water: Not reported Water Supply Well: Not reported Leak Detection Piping 2: Not reported Leak Detection Type 2: Not reported Corrosion Protection Tank1: Not reported Corrosion Piping: Not reported Overfill: Not reported Corrosion Protection Tank Date: Not reported Corrosion Protection Piping Date: Not reported Spill Overfill Date: Not reported . Piping System Type Code: Not reported Piping System Type Description: Not reported PAINT THINNER Comment:

Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material:	B Not reported 162 Permanent 1976-02-05 1988-12-13 Other, Haza HAZ Steel	Closed 00:00:00 00:00:00
Compartment Tank:	Oleci	No
Main Tank:		No
Tank Last Used Date:		Not reported
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number	:	Not reported
End Certified Number:		Not reported
Interior Protection:	None	
Exterior Protection:	Paint	
Piping material:	Steel	
Certify Type:	Not reported	b
Leak Detection Type:	Not reported	
Leak Detection Piping 1		
Corrosn Protec Tank:	Not reported	
Corrosn Protec Pipe:	Not reported	
Spill and Overfill:	Not reported	
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2		Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta		Not reported
Corrosion Protection Pip	oing Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co		Not reported
Piping System Type De		Not reported
Comment:	PAINT THIN	NER

С

Tank ID:

Database(s)

EDR ID Number EPA ID Number

DURHAM AUTO SERVICE (Continued)

Tank ID Number:	Not reported	l
Tank Capacity:	120	. .
Status:	Permanent	
Date installed:	1976-02-05	
Date removed:	1988-12-13	
Tank Product:	Other, Haza	rdous
Product Type:	HAZ	
Tank Material:	Steel	
Compartment Tank:		No
Main Tank:		No
Tank Last Used Date:		Not reported
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number:		Not reported
End Certified Number:		Not reported
Interior Protection:	None	
Exterior Protection:	Paint	
Piping material:	Steel	
Certify Type:	Not reported	l
Leak Detection Type:	Not reported	l
Leak Detection Piping 1	Not reported	ł
Corrosn Protec Tank:	Not reported	ł
Corrosn Protec Pipe:	Not reported	ł
Spill and Overfill:	Not reported	i i i i i i i i i i i i i i i i i i i
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	nk Date:	Not reported
Corrosion Protection Pip	oing Date:	Not reported
Spill Overfill Date:	5	Not reported
Piping System Type Cod	de:	Not reported
Piping System Type Des		Not reported
Comment:	PAINT THIN	

Tank ID:	D
Tank ID Number:	Not reported
Tank Capacity:	120
Status:	Permanent Closed
Date installed:	1976-02-05 00:00:00
Date removed:	1988-12-13 00:00:00
Tank Product:	Other, Hazardous
Product Type:	HAZ
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported
End Certified Number:	Not reported
Interior Protection:	None
Exterior Protection:	Paint

U001195845

Database(s)

EDR ID Number EPA ID Number

U001195845

DURHAM AUTO SERVICE (Continued)

Piping material:	Steel	
Certify Type:	Not reported	
Leak Detection Type:	Not reported	
Leak Detection Piping 1	Not reported	
Corrosn Protec Tank:	Not reported	
Corrosn Protec Pipe:	Not reported	
Spill and Overfill:	Not reported	
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	nk Date:	Not reported
Corrosion Protection Pip	oing Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co	de:	Not reported
Piping System Type Des	scription:	Not reported
Comment:	PAINT THIN	NER
TaulaiD	-	
Tank ID:	E	

Tank ID:	E	
Tank ID Number:	Not reporte	d
Tank Capacity:	162	
Status:	Permanent	Closed
Date installed:	1976-02-05	00:00:00
Date removed:	1988-12-13	00:00:00
Tank Product:	Other, Haza	ardous
Product Type:	HAZ	
Tank Material:	Steel	
Compartment Tank:		No
Main Tank:		No
Tank Last Used Date:		Not reported
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number	:	Not reported
End Certified Number:		Not reported
Interior Protection:	None	
Exterior Protection:	Paint	
Piping material:	Steel	
Certify Type:	Not reporte	d
Leak Detection Type:	Not reporte	d
Leak Detection Piping 1	:Not reporte	d
Corrosn Protec Tank:	Not reporte	d
Corrosn Protec Pipe:	Not reporte	d
Spill and Overfill:	Not reporte	d
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	ınk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta		Not reported
Corrosion Protection Pi	ping Date:	Not reported
Spill Overfill Date:		Not reported

Map ID			MAP FINDINGS		
Direction Distance Elevation	Site			Database(s)	EDR ID Number EPA ID Number
	DURHAM AUTO SERVICE (Cont	inued))		U001195845
	Piping System Type Code: Piping System Type Descript	ion:	Not reported Not reported		
		NT THI			
C11 East 1/8-1/4	DURHAM AUTO BODY INC 722 IREDELL ST DURHAM, NC 27705			RCRA-NonGen FINDS	1000841845 NCD055358923
0.194 mi. 1026 ft.	Site 2 of 2 in cluster C				
Relative: Lower	RCRA-NonGen: Date form received by agenc	-			
Actual:	Facility name: Facility address:		HAM AUTO BODY INC IREDELL ST		
388 ft.	EPA ID:		HAM, NC 27705 055358923		
	Mailing address:	-	DELL ST		
	Contact:		HAM, NC 27705 NETH MARTIN		
	Contact address:		IREDELL ST		
	-		HAM, NC 27705		
	Contact country: Contact telephone:	US (010)) 286-4166		
	Contact email:		reported		
	EPA Region:	04			
	Land type:	Priva			
	Classification: Description:		Generator der: Non-Generators do not presently generat	e hazardous waste	
	Owner/Operator Summary:				
	Owner/operator name:	KEN	NETH MARTINP.		
	Owner/operator address:		reported		
	Owner/operator country:		reported reported		
	Owner/operator telephone:		reported		
	Legal status:	Priva			
	Owner/Operator Type: Owner/Op start date:	Own Not r	er æported		
	Owner/Op end date:		reported		
	Handler Activities Summary:				
	U.S. importer of hazardous w	aste:	No		
	Mixed waste (haz. and radioa				
	Recycler of hazardous waste Transporter of hazardous wa		No No		
	Treater, storer or disposer of		No		
	Underground injection activity		No		
	On-site burner exemption:		No		
	Furnace exemption: Used oil fuel burner:		No No		
	Used oil processor:		No		
	User oil refiner:		No		
	Used oil fuel marketer to burr Used oil Specification market		No No		
	Used oil transfer facility:		No		
	Used oil transporter:		No		

Database(s)

EDR ID Number EPA ID Number

DURHAM AUTO BODY INC (Con	inued)	1000841845
Hazardous Waste Summary: Waste code: Waste name:	LESS THAN 140 DEGREES FAHRENHEIT. CLOSED CUP FLASH POINT TESTER. AN FLASH POINT OF A WASTE IS TO REVIEW WHICH CAN BE OBTAINED FROM THE MA	V THE MATERIAL SAFETY DATA SHEET, ANUFACTURER OR DISTRIBUTOR OF THE (AMPLE OF A COMMONLY USED SOLVENT
Facility Has Received Notices of Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 130A-294-1 Generators - General 11/23/1994 01/25/1995 State WRITTEN INFORMAL 11/23/1994 Not reported Not reported State	
Evaluation Action Summary: Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	01/25/1995 COMPLIANCE SCHEDULE EVALUATION Generators - General 01/25/1995 State	
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	11/23/1994 FOLLOW-UP INSPECTION Generators - General 01/25/1995 State	
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	12/03/1990 FOCUSED COMPLIANCE INSPECTION Not reported Not reported State	
FINDS:		
Registry ID: 11000	4019222	
Conservation events and and treat, s	ation System s a national information system that supports on and Recovery Act (RCRA) program through activities related to facilities that generate, tra core, or dispose of hazardous waste. RCRAInt off to track the notification, permit, compliance,	n the tracking of nsport, fo allows RCRA

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Database(s)

EDR ID Number EPA ID Number

12 SSE 1/8-1/4 0.207 mi. 1090 ft.	SAM'S QUIK SHOP 1605 ERWIN ROAD DURHAM, NC 27705			FINANCIA	IMD LUST LUST TRUST UST L ASSURANCE	U001187412 N/A
	IMD:					
Relative: Lower	Region:	RAL				
Lower	Facility ID:	12160				
Actual:	Date Occurred:	3/9/1994				
397 ft.	Submit Date:	5/18/199	1			
	GW Contam:		undwater Contamination has been detected	d		
	Soil Contam:	No				
	Incident Desc:	DURING	REMOVAL OF 4 USTS, SOIL AND GW CO	ONTAM. WERE	CONFIRMED.	
	Operator:	J. SAMU	EL BOY			
	Contact Phone:	919-489-	0429			
	Owner Company:	•				
	Operator Address					
	Operator City:	DURHAN				
	Oper City,St,Zip:		I, NC 27705-			
	Ownership:	Private				
	Operation: Material:	Commer				
	Qty Lost 1:	Not repo Not repo				
	Qty Recovered 1:					
	Source:		erground			
	Type:	Gasoline	0			
	Location:	Facility				
	Setting:	Urban				
	Risk Site:	L				
	Site Priority:	70E				
	Priority Code:	L				
	Priority Update:	12/4/199	3			
	Dem Contact:	MRP				
	Wells Affected:	No				
	Num Affected:	0				
	Wells Contam:	Not repo				
	Sampled By:	•	ble Parties			
	Samples Include:	Groundw	•			
	7.5 Min Quad: 5 Min Quad:		Not reported H43U			
	Latitude:		36.00638888			
	Longitude:		-78.92277777			
	Latitude Number:		360023			
	Longitude Numbe		785522			
	Latitude Decimal:		36.00638888888889			
	Longitude Decima	al:	78.9227777777778			
	GPS:		7			
	Agency:		DWM			
	Facility ID:		12160			
	Last Modified:		8/11/1994			
	Incident Phase:		Closed Out			
	NOV Issued:		Not reported			
	NORR Issued:		Not reported			
	45 Day Report: Public Meeting He	ald	Not reported Not reported			
	Corrective Action					
	SOC Sighned:	i lailleu.	Not reported			
	Reclassification F	Report.	Not reported			
	residentioutofff					

Database(s)

EDR ID Number EPA ID Number

SAM'S QUIK SHOP (Continued)

RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	6/14/1994

LUST:

UST:		
Facility ID:	0-002118	
UST Number:	RA-1975	
Incident Number:	12160	
Contamination Type:		Groundwater/Both
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	1994-03-09 00	:00:00
Date Occur:	1994-03-09 00	:00:00
Cleanup:	1994-02-17 00	:00:00
Closure Request:	Not reported	
Close Out:	1994-06-14 00	:00:00
Level Of Soil Cleanup A	chieved:	Not reported
Tank Regulated Status:		Regulated
# Of Supply Wells:	0	5
Commercial/NonComm	ercial UST Site:	COMMERCIAL
Risk Classification:		L
Risk Class Based On R	eview:	L
Corrective Action Plan	Гуре:	Not reported
NOV Issue Date:	Not reported	·
NORR Issue Date:	Not reported	
Site Priority:	70E	
Phase Of LSA Req:	Not reported	
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:	3	
RPL:	False	
CD Num:	Not reported	
Reel Num:	Not reported	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	Ν	
Valid:	False	
Lat/Long:	360023 785522	2
Lat/Long Decimal:	36.0063889999	999999 78.9227779999999994
Testlat:	Not reported	
Regional Officer Project	t Mgr:	WER
Region:		Raleigh
Company:		Not reported
Contact Person:		J. SAMUEL BOY
Telephone:		919-489-0429
RP Address:		1605 ERWIN ROAD
RP City,St,Zip:		DURHAM, NC 27705-
-		

Database(s) E

EDR ID Number EPA ID Number

U001187412

SAM'S QUIK SHOP (Continued)

AI	S QUIK SHOP (COILING	eu)		000118/412
	RP County:		Not reported	
	-	lot reported		
		143u		
		1400		
Ρ	IRF:			
	Facility Id:		12160	
	Date Occurred:		1994-03-09 00:00:00	
	Date Reported:		1994-05-18 00:00:00	
	Description Of Incident:		DURING REMOVAL OF 4 USTS, SOIL AND GW CONTAM. WE	BE CONFIRMED
	Owner/Operator:		J. SAMUEL BOY	
	Ownership:		4	
	•			
	Operation Type:		6	
	Type:		3	
	Location:		1	
	Site Priority:		70E	
	Priority Update:		1998-12-04 00:00:00	
	Wells Affected Y/N:		Ν	
	Samples Include:		0	
	7#5 Minute Quad:		3	
	5 Minute Quad:		1	
	Pirf/Min Soil:		Not reported	
	Release Code:		H43U	
	Source Code:		Pirf	
	Err Type:		Not reported	
	Cause:		Not reported	
	Source:		Not reported	
	Ust Number:			
	Ust Number.		Not reported	
	Last Madified		1004 08 11 00:00:00	
	Last Modified:		1994-08-11 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:		1994-06-14 00:00:00	
L	UST TRUST:	Nature		
	Facility ID:	Not repor	ted	
	Site ID:	12160		
	Site Note:		nas two RPs. Bull City Oil Company claims carry a \$20,000.00	
			e. Sam Boy claims carry a \$157,500 deductible (\$20K plus	
			im 200 was not entered in the database when recieved-entered	
		1/13/97. 9	Site closed.	
	Site Eligible?:	True		
	Commercial Find:	100% Co	mmercial	
	Priority Rank:	Low		
	Deductable Amount:	20000		
	3rd Party Deductable Amt			
	Sum 3rd Party Amt Applie			

Database(s)

EDR ID Number EPA ID Number

SAM'S QUIK SHOP (Continued)

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

LICT.		
UST:	0-002118	
Facility ID: Region:	0-002118 5	
U	-	10
Facility Telephone: Last Update:	(919) 286-41 2010-08-06 (
Owner Name:	SAMS QUIK	
Owner Address:	1605 ERWIN	
Owner City,St,Zip:	DURHAM, N	
Owner Phone:		
Latitude:	(919) 286-41 36.00575	10
Latitude 1:	36 00 20.70	
Longitude:	78.92237	
Longitude 1:	78 55 20.55	
GPS String Confirmed:		
Initials of Individual Cor		ПАМ
Initials of marriadal oor	initiality of 0.	DAM
Tank ID:	001	
Tank ID Number:	Not reported	
Tank Capacity:	4000	
Status:	Permanent (Closed
Date installed:	1974-06-11 (
Date removed:	1994-02-24 (
Tank Product:		asoline Mixture
Product Type:	NON	
Tank Material:	Steel	
Compartment Tank:		No
Main Tank:		No
Tank Last Used Date:		Not reported
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number		Not reported
End Certified Number:		Not reported
Interior Protection:	None	
Exterior Protection:	None	
Piping material:	Steel	
Certify Type:	Not reported	
Leak Detection Type:	Not reported	
Leak Detection Piping 1		
Corrosn Protec Tank: Corrosn Protec Pipe:	Not reported	
Spill and Overfill:	Not reported	
Surface Water:	Not reported	Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2		Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta		Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta		Not reported
Corrosion Protection Pi		Not reported
Spill Overfill Date:		Not reported
Piping System Type Co		Not reported
Piping System Type De		Not reported
Comment:	Not reported	•

Database(s)

EDR ID Number EPA ID Number

SAM'S QUIK SHOP (Continued)

Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank:	002 Not reported 8000 Permanent 1974-06-11 1994-02-24 Gasoline, G NON Steel	Closed 00:00:00 00:00:00 asoline Mixture No
Main Tank: Tank Last Used Date:		No Not reported
Tank Certified Number:		Not reported
Date Last Certified: Begin Certified Number:		Not reported Not reported
End Certified Number:		Not reported
Interior Protection:	None	Not reported
Exterior Protection:	None	
Piping material:	Steel	
Certify Type:	Not reported	d
Leak Detection Type:	Not reported	
Leak Detection Piping 1		
Corrosn Protec Tank:	Not reported	
Corrosn Protec Pipe:	Not reported	b
Spill and Overfill:	Not reported	b
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	nk Date:	Not reported
Corrosion Protection Pip	oing Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co		Not reported
Piping System Type De		Not reported
Comment:	Not reported	d l

Tank ID:	003
Tank ID Number:	Not reported
Tank Capacity:	8000
Status:	Permanent Closed
Date installed:	1974-06-11 00:00:00
Date removed:	1994-02-24 00:00:00
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported
End Certified Number:	Not reported
Interior Protection:	None

Database(s)

EDR ID Number EPA ID Number

SAM'S QUIK SHOP (Continued)

Exterior Protection: Piping material: Certify Type: Leak Detection Type:	None Steel Not reporte Not reporte	
Leak Detection Piping 1	•	
Corrosn Protec Tank:	Not reporte	
Corrosn Protec Pipe:	Not reporte	d
Spill and Overfill:	Not reporte	d
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	ank1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	ank Date:	Not reported
Corrosion Protection Pi	ping Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co	de:	Not reported
Piping System Type De	scription:	Not reported
Comment:	Not reporte	d

Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product:	,	t Closed 00:00:00
Product Type:	NON	
Tank Material:	Steel	Na
Compartment Tank: Main Tank:		No No
Tank Last Used Date:		Not reported
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number		Not reported
End Certified Number:	•	Not reported
Interior Protection:	None	
Exterior Protection:	None	
Piping material:	Steel	
Certify Type:	Not reporte	d
Leak Detection Type:	Not reporte	d
Leak Detection Piping 1	:Not reporte	d
Corrosn Protec Tank:	Not reporte	d
Corrosn Protec Pipe:	Not reporte	
Spill and Overfill:	Not reporte	
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2		Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Tank1:		Not reported
Corrosion Piping: Overfill:		Not reported
Corrosion Protection Ta	nk Doto:	Not reported
Corrosion Protection Ta		Not reported Not reported
Conosion Protection Pi	ping Date.	Not reported

Database(s)

EDR ID Number EPA ID Number

U001187412

SAM'S QUIK SHOP (Continued)

Spill Overfill Date: Piping System Type Co	Not reported de: Not reported
1 0 7 71	•
Piping System Type De	
Comment:	Not reported
Tank ID:	1
Tank ID Number:	1
Tank Capacity:	12000
Status:	Currently In Use
Date installed:	1994-02-04 00:00:00
Date removed:	Not reported
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Fiberglass Reinforced Plastic
Compartment Tank:	Yes
Main Tank:	Yes
Tank Last Used Date:	Not reported
Tank Certified Number:	2011000300

otatus.	ouncilly	11 030
Date installed:	1994-02-04	00:00:00
Date removed:	Not reporte	d
Tank Product:	Gasoline, C	Basoline Mixture
Product Type:	NON	
Tank Material:	Fiberglass	Reinforced Plastic
Compartment Tank:		Yes
Main Tank:		Yes
Tank Last Used Date:		Not reported
Tank Certified Number:		2011000300
Date Last Certified:		2010-11-24 00:00:00
Begin Certified Number	:	2011-01-01 00:00:00
End Certified Number:		Not reported
Interior Protection:	FRP	
Exterior Protection:	FRP	
Piping material:	FRP	
Certify Type:	Installer ce	rtified by tank and piping manufacturers
Leak Detection Type:	Automatic	ank guaging
Leak Detection Piping 1	:Automatic	ine leak detectors
Corrosn Protec Tank:	FRP tank/p	iping
Corrosn Protec Pipe:	FRP tank/p	iping
Spill and Overfill:	Automatic	shutoff devices
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	ank1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Catchment basins
Corrosion Protection Ta	ank Date:	1994-02-04 00:00:00
Corrosion Protection Pi	ping Date:	1994-02-04 00:00:00
Spill Overfill Date:		1994-02-04 00:00:00
Piping System Type Co	de:	Not reported
Piping System Type De	scription:	Not reported
Comment:	Not reporte	d

Tank ID:	1B
Tank ID Number:	1
Tank Capacity:	8000
Status:	Currently In Use
Date installed:	1994-02-04 00:00:00
Date removed:	Not reported
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Fiberglass Reinforced Plastic
Compartment Tank:	Yes
Main Tank:	No

Database(s)

EDR ID Number EPA ID Number

SAM'S QUIK SHOP (Continued)

Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: End Certified Number: Interior Protection: FRP	Not reported 201100030O 2010-11-24 00:00:00 2011-01-01 00:00:00 Not reported
Exterior Protection: FRP	
Piping material: FRP	
1 0	certified by tank and piping manufacturers
Leak Detection Type: Automat	ic tank guaging
Leak Detection Piping 1: Automat	c line leak detectors
Corrosn Protec Tank: FRP tan	
Corrosn Protec Pipe: FRP tan	
	ic shutoff devices
Surface Water:	Not reported
Water Supply Well:	Not reported
Leak Detection Piping 2:	Not reported
Leak Detection Type 2:	Not reported
Corrosion Protection Tank1:	Not reported
Corrosion Piping:	Not reported
Overfill:	Catchment basins
Corrosion Protection Tank Date:	1994-02-04 00:00:00
Corrosion Protection Piping Date:	
Spill Overfill Date:	1994-02-04 00:00:00
Piping System Type Code:	Not reported
Piping System Type Description:	Not reported
Comment: Not repo	rted

FINASS:

Facility ID:	0-002118
Region:	1
Financial Responsibility Code	: Not reported
Financial Responsibility Desc	STATE FUND

13PATTISHALL'S GARAGE (FORMER)ENE1900 WEST MARKHAM AVENUE1/8-1/4DURHAM, NC

0.220 mi. 1161 ft.

IMD: **Relative:** RAL Region: Lower Facility ID: 16365 Actual: Date Occurred: 1/3/1996 382 ft. Submit Date: 10/10/1996 GW Contam: No Groundwater Contamination detected Soil Contam: Yes Incident Desc: CONSTITUENTS OF GASOLINE AS HIGH AS 349 PPM AND WASTE OIL BETWEEN 219 TO 282 PPM WOODROW W. PATTISHALL Operator: Contact Phone: 919-732-9961 Owner Company: MR. PATTISHALL Operator Address:3725 US HWY 70 EAST Operator City: HILLSBOROUGH Oper City, St, Zip: HILLSBOROUGH, NC 27278-Ownership: Private Operation: Commercial

U001187412

IMD

LUST

LUST TRUST

S102443385

N/A

Database(s)

EDR ID Number EPA ID Number

PATTISHALL'S GARAGE (FORMER) (Continued)

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 Gasoline/diesel Type: Location: Facility Setting: Urban Risk Site: L Site Priority: 30E Priority Code: L Priority Update: 4/16/1998 Dem Contact: MRP 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: 36.00972222 Longitude: -78.92083333 Latitude Number: 360035 Longitude Number: 785515 Latitude Decimal: 36.009722222222 Longitude Decimal: 78.92083333333333 GPS: 7 DWM Agency: Facility ID: 16365 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 Sighned: Not reported Reclassification Report: Not reported **RS** Designation: Not reported Closure Request Date: Not reported Close-out Report: Not reported

LUST:

Facility ID:	Not reported
UST Number:	RA-2629
Incident Number:	16365
Contamination Type:	Soil
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	1996-01-02 00:00:00
Date Occur:	1996-01-03 00:00:00
Cleanup:	1996-01-03 00:00:00
Closure Request:	Not reported
Close Out:	Not reported

Database(s)

EDR ID Number EPA ID Number

S102443385

Level Of Soil Cleanup Achieved: Not reported Tank Regulated Status: Regulated # Of Supply Wells: 0 Commercial/NonCommercial UST Site: BOTH **Risk Classification:** L Risk Class Based On Review: U Corrective Action Plan Type: Not reported NOV Issue Date: Not reported NORR Issue Date: Not reported Site Priority: 30E Phase Of LSA Req: 1 Site Risk Reason: Not reported Land Use: Not reported MTBE: No MTBE1: Unknown Flag: No Flag1: No LUR Filed: Not reported Release Detection: 0 File Located in House Current Status: **RBCA GW:** Not reported PETOPT: 3 RPL: False CD Num: Not reported Not reported Reel Num: **RPOW:** False RPOP: False Error Flag: 0 Error Code: Ν Valid: False Lat/Long: 360035 785515 Lat/Long Decimal: 36.009721999999996 78.92083300000002 Testlat: Not reported Regional Officer Project Mgr: WER Region: Raleigh Company: MR. PATTISHALL Contact Person: WOODROW W. PATTISHALL Telephone: 919-732-9961 **RP Address:** 3725 US HWY 70 EAST RP City,St,Zip: HILLSBOROUGH, NC 27278-**RP** County: Not reported Comments: Not reported 5 Min Quad: l43u PIRF: Facility Id: 16365 Date Occurred: 1996-01-02 00:00:00 Date Reported: 1996-10-10 00:00:00 **Description Of Incident:** CONSTITUENTS OF GASOLINE AS HIGH AS 349 PPM AND WASTE OIL BETWEEN 219 **TO 282 PPM** Owner/Operator: WOODROW W. PATTISHALL Ownership: 4 **Operation Type:** 6 Type: 3 Location: 1 Site Priority: 30E Priority Update: 1998-04-16 00:00:00 Wells Affected Y/N: Not reported

Database(s)

EDR ID Number EPA ID Number

PATTISHALL'S GARAGE (FORMER) (Continued)

Samples Include: 0 7#5 Minute Quad: Not reported 5 Minute Quad: Not reported Pirf/Min Soil: Not reported Not reported Release Code: Min_Soil Source Code: Not reported Err Type: Not reported Cause: Source: Not reported Ust Number: Not reported

5	Last Modified: Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held: Corrective Action Planned: SOC Signed: Reclassification Report:	Not reported Response Not reported Not reported Not reported Not reported Not reported Not reported
	Reclassification Report: RS Designation: Closure Request Date:	

LUST TRUST:

Facility ID: Not reported Site ID: 16365 Site Note: Not reported Site Eligible?: True 100% Non-Commercial Commercial Find: Priority Rank: Low Deductable Amount: 0 3rd Party Deductable Amt: 100000 Sum 3rd Party Amt Applied: 0

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

D14 SE 1/8-1/4 0.221 mi. 1167 ft.	WEST DURHAM BP SERVICE 450 1922 W MAIN STREET DURHAM, NC 27705 Site 1 of 2 in cluster D		UST FINANCIAL ASSURANCE
Relative: Higher Actual: 413 ft.	UST: Facility ID: Region: Facility Telephone: Last Update: Owner Name: Owner Address: Owner City,St,Zip: Owner Phone: Latitude: Latitude 1: Longitude 1:	0-016379 5 (919) 416-1069 2004-06-22 00:00:00 M M FOWLER INC 4220 NEAL RD DURHAM, NC 27705 (919) 309-2925 36.00684 36 00 24.63 78.92192 78 55 18.90	

S102443385

U003144874

N/A

Database(s)

EDR ID Number EPA ID Number

WEST DURHAM BP SERVICE 450 (Continued)

GPS String Confirmed: Yes Initials of Individual Confirming GPS: DAM

Tank ID: Tank ID Number:	1 Not reported
Tank Capacity:	10000
Status:	Permanent Closed
Date installed:	1977-03-23 00:00:00
Date removed:	1993-06-28 00:00:00
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number	
End Certified Number:	Not reported
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material:	Steel
Certify Type:	Not reported
Leak Detection Type:	Not reported
Leak Detection Piping	I:Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill:	Not reported
Surface Water:	Not reported
Water Supply Well:	Not reported
Leak Detection Piping 2	2: Not reported
Leak Detection Type 2:	Not reported
Corrosion Protection Ta	ank1: Not reported
Corrosion Piping:	Not reported
Overfill:	Not reported
Corrosion Protection Ta	ank Date: Not reported
Corrosion Protection Pi	ping Date: Not reported
Spill Overfill Date:	Not reported
Piping System Type Co	de: Not reported
Piping System Type De	escription: Not reported
Comment:	Not reported

Tank ID:	2
Tank ID Number:	Not reported
Tank Capacity:	6000
Status:	Permanent Closed
Date installed:	1985-03-21 00:00:00
Date removed:	2003-11-03 00:00:00
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Steel
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	200206064O
Date Last Certified:	2002-06-18 00:00:00

Database(s)

EDR ID Number EPA ID Number

WEST DURHAM BP SERVICE 450 (Continued)

Begin Certified Number: 2002-01-07 00:00:00 End Certified Number: Not reported Internal Lining Interior Protection: **Exterior Protection:** Paint FRP Piping material: Certify Type: Installer certified by tank and piping manufacturers Leak Detection Type: Periodic tank tightness testing Leak Detection Piping 1: Line tightness testingg Corrosn Protec Tank: Interior lining Corrosn Protec Pipe: FRP tank/piping Spill and Overfill: Ball float valves Surface Water: Not reported Water Supply Well: Not reported Leak Detection Piping 2: Leak Detection Type 2: Automatic tank guaging Corrosion Protection Tank1: Not reported Corrosion Piping: Not reported Overfill: Catchment basins Corrosion Protection Tank Date: 1995-09-30 00:00:00 Corrosion Protection Piping Date: 1995-09-30 00:00:00 Spill Overfill Date: 1995-09-30 00:00:00 Piping System Type Code: Not reported Not reported Piping System Type Description: Comment: Not reported Tank ID: 3 Tank ID Number: Not reported Tank Capacity: 6000 Permanent Closed Status: 1985-03-21 00:00:00 Date installed: Date removed: 2003-11-03 00:00:00 Tank Product: Gasoline, Gasoline Mixture Product Type: NON Tank Material: Steel Compartment Tank: No Main Tank: No Tank Last Used Date: Not reported 2002060640 Tank Certified Number: Date Last Certified: 2002-06-18 00:00:00 Begin Certified Number: 2002-01-07 00:00:00 End Certified Number: Not reported Interior Protection: Internal Lining Exterior Protection: Paint FRP Piping material: Certify Type: Installer certified by tank and piping manufacturers Leak Detection Type: Periodic tank tightness testing Leak Detection Piping 1: Line tightness testingg Corrosn Protec Tank: Interior lining FRP tank/piping Corrosn Protec Pipe: Spill and Overfill: Ball float valves Surface Water: Not reported Not reported Water Supply Well: Leak Detection Piping 2: Leak Detection Type 2: Automatic tank guaging Corrosion Protection Tank1: Not reported Corrosion Piping: Not reported

Database(s)

EDR ID Number EPA ID Number

WEST DURHAM BP SERVICE 450 (Continued)

Overfill:		Catchment basins
Corrosion Protection Tank Date:		1995-09-30 00:00:00
Corrosion Protection Piping Date:		1995-09-30 00:00:00
Spill Overfill Date:		1995-09-30 00:00:00
Piping System Type Code:		Not reported
Piping System Type Description:		Not reported
Comment: Not reported		d
Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: End Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type: Leak Detection Piping 1 Corrosn Protec Tank: Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill: Surface Water: Water Supply Well: Leak Detection Type 2: Corrosion Protection Ta Corrosion Protection Pip Spill Overfill Date: Piping System Type Des Comment:	NON Steel Internal Lini Paint FRP Installer cer Periodic tan Line tightne Interior linin FRP tank/pi Ball float va : nk1: nk Date: bing Date: de:	Closed 00:00:00 00:00:00 asoline Mixture No No No Not reported 2002060640 2002-06-18 00:00:00 2002-01-07 00:00:00 Not reported ng tified by tank and piping manufacturers ak tightness testing ss testingg g jping lves Not reported Not reported Not reported I Automatic tank guaging Not reported Not reported

5 Not reported 550 Permanent Closed 1967-03-26 00:00:00 1988-07-12 00:00:00 Oil, New/Used/Mixture
Oil, New/Used/Mixture NON

Database(s)

EDR ID Number EPA ID Number

WEST DURHAM BP SERVICE 450 (Continued)

Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number End Certified Number:		No Not reported Not reported Not reported Not reported Not reported
Interior Protection: Exterior Protection:	Unknown Paint	
Piping material:	Steel	
Certify Type:	Not reporte	
Leak Detection Type: Leak Detection Piping 1	Not reporte	
Corrosn Protec Tank:	Not reporte	
Corrosn Protec Pipe:	Not reporte	
Spill and Overfill: Surface Water:	Not reporte	d Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta Corrosion Piping:	ink1:	Not reported Not reported
Overfill:		Not reported
Corrosion Protection Ta	ink Date:	Not reported
Corrosion Protection Pi	ping Date:	Not reported
Spill Overfill Date:	do	Not reported
Piping System Type Co Piping System Type De		Not reported Not reported
Comment:	Not reporte	
Tank ID:	А	
Tank ID: Tank ID Number:	A Not reporte	d
Tank ID Number: Tank Capacity:	Not reported 10000	
Tank ID Number: Tank Capacity: Status:	Not reported 10000 Currently I	n Use
Tank ID Number: Tank Capacity:	Not reported 10000 Currently l 2003-12-03	n Use 00:00:00
Tank ID Number: Tank Capacity: Status: Date installed:	Not reported 10000 Currently la 2003-12-03 Not reported	n Use 00:00:00
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type:	Not reported 10000 Currently II 2003-12-03 Not reported Gasoline, G NON	n Use 00:00:00 d asoline Mixture
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material:	Not reported 10000 Currently II 2003-12-03 Not reported Gasoline, G NON	n Use 00:00:00 d asoline Mixture Reinforced Plastic
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank:	Not reported 10000 Currently II 2003-12-03 Not reported Gasoline, G NON	n Use 00:00:00 d asoline Mixture Reinforced Plastic No
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material:	Not reported 10000 Currently II 2003-12-03 Not reported Gasoline, G NON	n Use 00:00:00 d asoline Mixture Reinforced Plastic
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number:	Not reported 10000 Currently II 2003-12-03 Not reported Gasoline, G NON	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified:	Not reporter 10000 Currently I 2003-12-03 Not reporter Gasoline, G NON Fiberglass F	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:00:00
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number	Not reporter 10000 Currently I 2003-12-03 Not reporter Gasoline, G NON Fiberglass F	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:00:00 2010-01-07 00:00:00
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified:	Not reporter 10000 Currently I 2003-12-03 Not reporter Gasoline, G NON Fiberglass F	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:000 2010-01-07 00:000 Not reported
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection:	Not reporter 10000 Currently II 2003-12-03 Not reporter Gasoline, G NON Fiberglass F	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:000 2010-01-07 00:000 Not reported
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Piping material:	Not reporter 10000 Currently li 2003-12-03 Not reporter Gasoline, G NON Fiberglass F : Double Wall FRP 13	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:000 2010-01-07 00:0000 Not reported
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type:	Not reporter 10000 Currently II 2003-12-03 Not reporter Gasoline, G NON Fiberglass I Fiberglass I Double Wall FRP 13 Installer cer	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:00:00 2010-01-07 00:00:00 Not reported I tified by tank and piping manufacturers
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type:	Not reporter 10000 Currently II 2003-12-03 Not reporter Gasoline, G NON Fiberglass I Fiberglass I Double Wall FRP 13 Installer cer Automatic ta	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:000 2010-01-07 00:0000 Not reported
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type:	Not reporter 10000 Currently II 2003-12-03 Not reporter Gasoline, G NON Fiberglass I Fiberglass I Double Wall FRP 13 Installer cer Automatic ta	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:00:00 2010-01-07 00:00:00 Not reported I tified by tank and piping manufacturers ank guaging
Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Piping T	Not reporter 10000 Currently II 2003-12-03 Not reporter Gasoline, G NON Fiberglass F : Double Wal FRP 13 Installer cer Automatic ta :L FRP tank/pi FRP tank/pi	n Use 00:00:00 d asoline Mixture Reinforced Plastic No No Not reported 201005563O 2010-06-22 00:00:00 2010-01-07 00:00:00 Not reported I tified by tank and piping manufacturers ank guaging ping

Database(s) E

EDR ID Number EPA ID Number

WEST DURHAM BP SERVICE 450 (Continued)

Surface Water: Not reported Water Supply Well: Not reported Leak Detection Piping 2: Not reported Leak Detection Type 2: Interstitial monitoring/double-walled tank and/or piping Corrosion Protection Tank1: **Corrosion Piping:** Overfill: Catchment basins Corrosion Protection Tank Date: 2003-12-03 00:00:00 Corrosion Protection Piping Date: 2003-12-03 00:00:00 Spill Overfill Date: 2003-03-14 00:00:00 Piping System Type Code: Ρ Piping System Type Description: Not reported Comment: Not reported Tank ID: в Tank ID Number: Not reported Tank Capacity: 8000 Status: **Currently In Use** Date installed: 2003-12-03 00:00:00 Date removed: Not reported Tank Product: Gasoline, Gasoline Mixture NON Product Type: Tank Material: Fiberglass Reinforced Plastic Compartment Tank: No Main Tank: No Tank Last Used Date: Not reported Tank Certified Number: 201005563O Date Last Certified: 2010-06-22 00:00:00 Begin Certified Number: 2010-01-07 00:00:00 End Certified Number: Not reported Double Wall Interior Protection: Exterior Protection: FRP Piping material: 13 Installer certified by tank and piping manufacturers Certify Type: Leak Detection Type: Automatic tank guaging Leak Detection Piping 1:L Corrosn Protec Tank: FRP tank/piping Corrosn Protec Pipe: FRP tank/piping Spill and Overfill: Automatic shutoff devices Surface Water: Not reported Water Supply Well: Not reported Leak Detection Piping 2: Not reported Leak Detection Type 2: Interstitial monitoring/double-walled tank and/or piping Corrosion Protection Tank1: 1 Corrosion Piping: Overfill: Catchment basins Corrosion Protection Tank Date: 2003-12-03 00:00:00 Corrosion Protection Piping Date: 2003-12-03 00:00:00 Spill Overfill Date: 2003-03-14 00:00:00 Piping System Type Code: P Piping System Type Description: Not reported Comment: Not reported FINASS:

Facility ID:	0-016379
Region:	1

Map ID			MAP FINDINGS		
Direction Distance Elevation	Site	۲		Database(s)	EDR ID Number EPA ID Number
	WEST DURHAM BP S		450 (Continued)		U003144874
	Financial Respon		. ,		0003144074
			sc: CORP GUARANTEE		
D15	WEST MAIN BP			IMD	S101524294
SE	1922 WEST MAIN ST.			LUST	N/A
1/8-1/4 0.221 mi.	DURHAM, NC			LUST TRUST	
1167 ft.	Site 2 of 2 in cluster I)			
Relative: Higher	IMD: Region:	RAL			
-	Facility ID:	10971			
Actual: 413 ft.	Date Occurred: Submit Date:	7/10/199			
	GW Contam:	Yes, Gro	oundwater Contamination has been detected		
	Soil Contam: Incident Desc:	No THE GR	OUNDWATER CONTAINED BENZENE AT 81 PPB.		
	Operator:	TOM LIN			
	Contact Phone: Owner Company:	919-309 M M FO :			
	Operator Address	s:4220 NE DURHAI			
	Operator City: Oper City,St,Zip:				
	Ownership: Operation:	Private Comme	cial		
	Material:	GASOLI			
	Qty Lost 1: Qty Recovered 1:	Not repo	rted		
	Source:	Leak-un	derground		
	Type: Location:	Gasoline Facility	/diesel		
	Setting:	Urban			
	Risk Site: Site Priority:	L 40E			
	Priority Code:	L	_		
	Priority Update: Dem Contact:	4/16/199 MRP	8		
	Wells Affected:	Not repo	rted		
	Num Affected: Wells Contam:	0 Not repo	rted		
	Sampled By:		sible Parties		
	Samples Include: 7.5 Min Quad:	Groundy	Not reported		
	5 Min Quad: Latitude:		I43U 35.99166666		
	Longitude:		-78.8375		
	Latitude Number: Longitude Numbe		355930 785015		
	Latitude Decimal:		35.99166666666667		
	Longitude Decima GPS:	al:	78.8375 7		
	Agency:		DWM		
	Facility ID: Last Modified:		10971 Not reported		
	Incident Phase:		RE		
	NOV Issued: NORR Issued:		Not reported Not reported		
	45 Day Report:		Not reported		

Database(s)

EDR ID Number EPA ID Number

WEST MAIN BP (Continued)

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

LUST:

JST:		
Facility ID:	0-016379	
UST Number:	RA-1797	
Incident Number:	10971	
Contamination Type:		Groundwater/Both
Source Type:	Leak-undergro	
Product Type:	PETROLEUM	
	1993-08-19 00	.00.00
Date Reported:		
Date Occur:	1993-07-10 00	
Cleanup:	1993-07-10 00	:00:00
Closure Request:	Not reported	
Close Out:	Not reported	
Level Of Soil Cleanup A	chieved:	Not reported
Tank Regulated Status:		Regulated
# Of Supply Wells:	0	
Commercial/NonComm	ercial UST Site:	COMMERCIAL
Risk Classification:		L
Risk Class Based On R	eview:	1
Corrective Action Plan 1		Not reported
NOV Issue Date:	Not reported	Notroponou
NORR Issue Date:	Not reported	
Site Priority:	40E	
•		
Phase Of LSA Req:	Not reported	
Site Risk Reason:	FG	
Land Use:	Not reported	
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:	Not reported	
Reel Num:	Not reported	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	N	
	••	
Valid:	False	_
Lat/Long:	355930 78501	
Lat/Long Decimal:		337500000000006
Testlat:	Not reported	
Regional Officer Project	Mgr:	WER
Region:		Raleigh
Company:		M M FOWLER, INC.

Database(s) EPA I

EDR ID Number EPA ID Number

WEST MAIN BP (Continued)

WEST MAIN BP (Continued)		S10152
Contact Person:		TOM LINDLEY	
Telephone:		919-309-2925	
RP Address:		4220 NEAL RD.	
RP City,St,Zip:		DURHAM, NC 27705-	
RP County:		Not reported	
Comments:		,10/3/96monthly FP reports:latest 10/30/96.Now hand	
		plan skimmer.KAH //6/19/02: System	
		ecommendation rpt recommends replacing P&T w/ AS on RW1	
		kimmer on RW4. AS will added to RW3 & RW4 wh	
5 Min Quad:	l43u		
PIRF:			
Facility Id:		10971	
Date Occurred:		1993-07-10 00:00:00	
Date Reported:		1993-09-28 00:00:00	
Description Of Incident:		THE GROUNDWATER CONTAINED BENZENE AT 81 PPB.	
Owner/Operator:		TOM LINDLEY	
Ownership:		4	
Operation Type:		6	
Type:		3	
Location:		1	
Site Priority:		40E	
Priority Update:		1998-04-16 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:		I43U	
Source Code:		Pirf	
Err Type:		Not reported	
Cause:		Not reported	
Source:		Not reported	
Ust Number:		Not reported	
Last Modified:		Not reported	
Incident Phase:		Response	
NOV Issued:		Not reported	
NORR Issued:		Not reported	
45 Day Report:		Not reported	
Public Meeting Held:		Not reported	
Corrective Action Planne		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:	0-016379		
Site ID:	10971		
Site Note:	Not reporte	d	
Site Eligible?:	True	<u>u</u>	
Commercial Find:	100% Com	mercial	
Priority Rank:	Low		
Deductable Amount:	20000		
3rd Party Deductable Ar			

Database(s)

EDR ID Number EPA ID Number

WEST MAIN BP (Continued)

Sum 3rd Party Amt Applied: 0

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

E16 SSW 1/8-1/4 0 224 mi	PARK RESEARCH CENTER 104 ALEXANDER DRIVE RESEARCH TRIANGLE PK, NC 27709		US [.]
1181 ft.	Site 1 of 2 in cluster E		
1/8-1/4 0.224 mi.	RESEARCH TRIANGLE PK, Site 1 of 2 in cluster E UST: Facility ID: Region: Facility Telephone: Last Update: Owner Name: Owner Address: Owner City,St,Zip: Owner Phone: Latitude: Latitude: Latitude 1: Longitude 1: GPS String Confirmed: Initials of Individual Con Tank ID: Tank ID: Tank ID Number: Tank ID Number: Tank Capacity: Status: Date installed: Date removed:	0-035898 5 (919) 485-8321 1998-12-10 00:00:00 TRIANGLE SERVICE CENTER 104 ALEXANDER DRIVE RESEARCH TRIANGLE PK, NC 27709 (919) 549-8181 0 Not reported 0 Not reported 1 Not reported 1 Not reported 20000 Permanent Closed 1968-01-01 00:00:00 1998-12-17 00:00:00	
	Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Piping material: Certify Type: Leak Detection Type: Leak Detection Piping 1 Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill: Surface Water: Water Supply Well: Leak Detection Type 2: Corrosion Protection Ta Corrosion Piping:	Not reported r: Not reported None Paint Unknown Not reported Periodic tank tightness testing 1:None None None None Not reported Not reported	

S101524294

JST U003698173 N/A

Map ID	
Direction	
Distance	
Elevation	Site

Database(s)

EDR ID Number EPA ID Number

	PARK RESEARCH CENTER (Continued)				U003698173
	Overfill: Corrosion Protec Corrosion Protec Spill Overfill Date Piping System Ty Piping System Ty Comment:	tion Piping Date: e: /pe Code:	None Not reported Not reported Not reported Not reported Not reported ed		
E17 SSW 1/8-1/4 0.224 mi. 1181 ft.	PARK RESEARCH CE 104 ALEXANDER DR DURHAM, NC Site 2 of 2 in cluster E			IMD LUST	S104157275 N/A
		-			
Relative: Higher	IMD: Region:	RAL			
Ingliei	Facility ID:	20477			
Actual:	Date Occurred:	12/17/1998			
425 ft.	Submit Date: GW Contam:	8/23/1999	Contamination detected		
	Soil Contam:	Yes	Contamination detected		
	Incident Desc:		N HEATING OIL TANK REMOVED. CONTAMINATED C	ONCENTR	ATIONS
		WERE LESS TH	AN SOIL-TO-GROUNDWATER. CLOSED OUT ON 8-23	-1999.	
	Operator:	DAVID TELEFOR	RD		
	Contact Phone:	919-485-8321			
			VICE CENTER INC		
	Operator Address:PO BOX 12255 Operator City: DURHAM Oper City,St,Zip: DURHAM, NC 27709-				
			7709-		
	Ownership:	Private			
	Operation:	Not Reported			
	Material:	HEATING OIL			
	Qty Lost 1:	Not reported			
	Qty Recovered 1 Source:	Leak-undergroun	d		
	Type:	Gasoline/diesel			
	Location:	Facility			
	Setting:	Industrial			
	Risk Site:	Not reported			
	Site Priority: Priority Code:	L			
	Priority Update:	8/23/1999			
	Dem Contact:	EFP			
	Wells Affected:	Not reported			
	Num Affected:	Not reported			
	Wells Contam: Sampled By:	Not reported Not reported			
	Samples Include:				
	7.5 Min Quad:	Not repo	orted		
	5 Min Quad:	Not repo			
	Latitude:	35.9516			
	Longitude: Latitude Number:	-78.970 : 355706			
	Longitude Number				
	Latitude Decimal		666666667		
	Longitude Decim		3333333333		
	GPS:	NOD			
	Agency:	DWM			

DWM

Agency:

Database(s)

EDR ID Number EPA ID Number

PARK RESEARCH CENTER (Continued)

Facility ID:	20477
Last Modified:	10/11/1999
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:	8/23/1999

LUST:

١			
	Facility ID:	0-035898	
	UST Number:	RA-3026	
	Incident Number:	20477	
	Contamination Type:		Soil
	Source Type:	Leak-undergro	und
	Product Type:	PETROLEUM	
	Date Reported:	1999-02-19 00	:00:00
	Date Occur:	1998-12-17 00	:00:00
	Cleanup:	1998-12-14 00	:00:00
	Closure Request:	Not reported	
	Close Out:	1999-08-23 00	:00:00
	Level Of Soil Cleanup A	chieved:	Not reported
	Tank Regulated Status:		Non Regulated
	# Of Supply Wells:	0	
	Commercial/NonComme	ercial UST Site:	COMMERCIAL
	Risk Classification:		Not reported
	Risk Class Based On Re	eview:	L
	Corrective Action Plan T	ype:	Not reported
	NOV Issue Date:	Not reported	
	NORR Issue Date:	Not reported	
	Site Priority:	E	
	Phase Of LSA Req:	Not reported	
	Site Risk Reason:	Not reported	
	Land Use:	Not reported	
	MTBE:	No	
	MTBE1:	Unknown	
	Flag:	No	
	Flag1:	No	
	LUR Filed:	Not reported	
	Release Detection:	0	
	Current Status:	File Located in	Archives
	RBCA GW:	Not reported	
	PETOPT:	5	
	RPL:	False	
	CD Num:	168	
	Reel Num:	172	
	RPOW:	False	
	RPOP:	False	
	Error Flag:	0	
	Error Code:	Ν	
	Valid:	False	

		MAP FINDINGS		
Site			Database(s)	EDR ID Number EPA ID Number
PARK RESEARCH CENTER	(Continued)			S104157275
	. ,	FR 15 00		
Lat/Long: Lat/Long Decimal: Testlat: Regional Officer Project Region: Company: Contact Person: Telephone: RP Address: RP City,St,Zip: RP County: Comments: 5 Min Quad: PIRF: Facility Id: Date Occurred: Date Reported: Description Of Incident: Owner/Operator: Ownership: Operation Type: Type: Location: Site Priority: Priority Update: Wells Affected Y/N: Samples Include: 7#5 Minute Quad: 5 Minute Q	35 57 6.84 78 35.951900000 Not reported	2000002 78.9711029999999999999999999999999999999999		
Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held:		Closed Out Not reported Not reported Not reported Not reported		
Corrective Action Planne SOC Signed: Reclassification Report: RS Designation: Closure Request Date: Close-out Report:	ed:	Not reported Not reported Not reported Not reported Not reported 1999-08-23 00:00:00		
	PARK RESEARCH CENTER Lat/Long: Lat/Long Decimal: Testlat: Regional Officer Project Region: Company: Contact Person: Telephone: RP Address: RP City,St,Zip: RP County: Comments: 5 Min Quad: PIRF: Facility Id: Date Occurred: Date Reported: Description Of Incident: Owner/Operator: Ownership: Operation Type: Type: Location: Site Priority: Priority Update: Wells Affected Y/N: Samples Include: 7#5 Minute Quad: 5 Minute Quad: 7#5 Minute Quad: 5 Minute Quad: 5 Minute Quad: 5 Minute Quad: 7#5 Minute Quad: 7#5 Minute Quad: 5 Minute Quad: 7#5 Minute Quad: 5 Minute Quad: 7#5 Minute Quad: 5 Minute Quad: 7#5	PARK RESEARCH CENTER (Continued) Lat/Long: 35 57 6.84 78 Lat/Long Decimal: 35.951900000 Testlat: Not reported Regional Officer Project Mgr: Region: Company: Contact Person: Telephone: RP Address: RP City,St,Zip: RP County: Comments: Not reported 5 Min Quad: Not reported 5 Min Quad: Not reported PIRF: Facility Id: Date Occurred: Date Reported: Description Of Incident: Owner/Operator: Ownership: Operation Type: Type: Location: Site Priority: Priority Update: Wells Affected Y/N: Samples Include: 7#5 Minute Quad: 5 Minute Quad: 7 Minute Quad: 5 Minute Quad: 7 Minute Quad	Site PARK RESEARCH CENTER (Continued) Lat/Long: 35 55 76.84 78 58 15.96 Lat/Long Decimal: 35 55 10000000002 78.971102999999999 Testiat: Not reported Regional Officer Project Mgr: EFP Regional Officer Project Mgr: FIP Company: TRIANGLE SERVICE CENTER INC Contact Person: DAVID TELEFORD Telephone: 919-485-8321 RP Address: PO BOX 12255 RP County: Not reported Sing Contry, SI, Zip: DURHAM, NC 27709- RP County: Not reported FIRF: Facility Id: 20477 Date Occurred: 1998-12-17 00:00:00 Date Reported: 1999-08-23 00:00:00 Date Reported: 1999-08-23 00:00:00 Ownership: 4 Operation Type: 0 Type: 4 Operation Type: 0 Type: 4 Location: 1 Site Priority Update: Not reported Samples Include: Not reported Samples Include: Not reported	Site Database(s) PARK RESEARCH CENTER (Continued) Lat/Long :: 35 55 76.84 78 58 15.96 Lat/Long Decimal: 35 55 190000000002 78.971 102999999999 Testat: Not reported Regional Officer Project Mgr: EPP Regional Officer Project Mgr: FIAMNOLE SERVICE CENTER INC. Company: THANALE SERVICE CENTER INC. Company: DURHAM, NC 27709- RP County: Not reported Sition Counts: Not reported Comments: Not reported PIRI: Factor 1999-08-23 00:00:0 Date Occurred: 1 999-08-23 00:00:0 Description Of Incident: 1 20:000 GALLON HEATING OIL TANK REMOVED. CONTAM WERE LESS THAN SOIL-TO-GROUNDWATER. CLOSED OU Ownership: Ownership: 4 Operation: 1 20:000 GALLON HEATING OIL TANK REMOVED. CONTAM WERE LESS THAN SOIL-TO-GROUNDWATER. CLOSED OU Ownership: 4 Operation: 1 20:000 GALLON HEATING OIL TANK REMOVED. CONTAM Were LESS THAN SOIL-TO-GROUNDWATER. CLOSED OU Ownership: 4 Operation: 1 10:000.000 Typ

Database(s)

EDR ID Number EPA ID Number

18	JOHNSON PROPERTY			LAST	S110629390
North	909 VIRGIE STREET				N/A
1/4-1/2 0.253 mi.	DURHAM, NC 27705				
1335 ft.					
Relative:	LAST: Facility ID:	Not reported			
Lower	UST Number:	RA-92090			
Actual:	Incident Number:	92083			
377 ft.	Contamination Type:		SL		
	Source Type:	14			
	Product Type:	Р			
	Date Reported:	2008-10-23 00			
	Date Occur:	2008-08-27 00			
	Cleanup: Closure Request:	2008-09-23 00 Not reported			
	Close Out:	2008-10-27 00	0.00.00		
	Level Of Soil Cleanup A		S3		
	Tank Regulated Status:		N		
	# Of Supply Wells:	0			
	Commercial/NonComm	ercial UST Site:			
	Risk Classification:		Not reported		
	Risk Class Based On R		U		
	Corrective Action Plan		Not reported		
	NORR Issue Date:	Not reported Not reported			
	Site Priority:	Not reported			
	Phase Of LSA Reg:	Not reported			
	Site Risk Reason:	Not reported			
	Land Use:	Not reported			
	MTBE:	No			
	MTBE1:	Unknown			
	Flag:	No			
	Flag1: LUR Filed:	No 2008-09-23 00	0.00.00		
	Release Detection:	0			
	Current Status:	C			
	RBCA GW:	Not reported			
	PETOPT:	4			
	RPL:	False			
	CD Num:	0			
	Reel Num: RPOW:	0 False			
	RPOP:	False			
	Error Flag:	0			
	Error Code:	N			
	Valid:	False			
	Lat/Long:	36 0 45.36 78			
	Lat/Long Decimal:		999999 78.92470000000001		
	Testlat:	Not reported			
	Regional Officer Project	ivigr:	WER RAL		
	Region: Company:		Not reported		
	Contact Person:		Ryan Johnson		
	Telephone:		9195240394		
	RP Address:		909 Virgie Street		
	RP City,St,Zip:		Durham, NC 27705		
	RP County:		Not reported		

Map ID Direction		MAP FINDINGS		
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number
	JOHNSON PROPERT	Y (Continued)		S110629390
	Comments:	10/27/2008 - Initial Abatement Report - stained soil under an AS	ст.	0110023330
	5 Min Quad:	Soil sample reported TPH-DRO at 2,200 ppm from under AST. 3.47 tons of soil, confirmation sample from bottom of excavation reported BQL for DRO and GRO. NFA issued. WER// Not reported	Removed	
	5 Mill Quad.	Notreponed		
19 WNW 1/4-1/2 0.256 mi. 1353 ft.	EXXON - DURHAM 2508 HILLSBOROUGI DURHAM, NC	H RD	IMD LUST	S104157277 N/A
Relative:	IMD:			
Lower	Region: Facility ID:	RAL 20479		
Actual:	Date Occurred:	4/13/1999		
393 ft.	Submit Date:	9/9/1999		
	GW Contam: Soil Contam:	No Groundwater Contamination detected Yes		
	Incident Desc:	7 USTS REMOVED FREE PRODUCT ENCOUNTERED IN PIT.		
	Operator:	Not reported		
	Contact Phone:	Not reported		
	Operator City:	5:213 ORANGE HIGHSCHOOL HILLSBOUGH		
		HILLSBOUGH, NC 27278-		
	Ownership:	Private		
	Operation:	Commercial		
	Material: Qty Lost 1:	GASOLINE Not reported		
	Qty Recovered 1			
	Material:	KEROSENE		
	Qty Lost:	Not reported		
	Qty Recovered: Material:	HEATING OIL		
	Qty Lost:	Not reported		
	Qty Recovered 3	Not reported		
	Source:	Leak-underground		
	Type: Location:	Gasoline/diesel Facility		
	Setting:	Residential		
	Risk Site:	Not reported		
	Site Priority:	Not reported		
	Priority Code: Priority Update:	Not reported 9/9/1999		
	Dem Contact:	JFM		
	Wells Affected:	Not reported		
	Num Affected:	Not reported		
	Wells Contam: Sampled By:	Not reported Responsible Parties		
	Samples Include:			
	7.5 Min Quad:	Not reported		
	5 Min Quad:	Not reported		
	Latitude:	36.00361111		
	Longitude: Latitude Number:	-78.55388888 360013		
	Longitude Number			
	Latitude Decimal:			

Database(s)

EDR ID Number EPA ID Number

EXXON - DURHAM (Continued)

LUST:

JST:		
Facility ID:	0-002115	
UST Number:	RA-3028	
Incident Number:	20479	
Contamination Type:		Soil
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	1999-08-20 00	:00:00
Date Occur:	1999-04-13 00	:00:00
Cleanup:	1999-07-12 00	:00:00
Closure Request:	Not reported	
Close Out:	Not reported	
Level Of Soil Cleanup A	chieved:	Not reported
Tank Regulated Status:		Regulated
# Of Supply Wells:	0	
Commercial/NonComme	ercial UST Site:	COMMERCIAL
Risk Classification:		Not reported
Risk Class Based On Re	eview:	U
Corrective Action Plan 1		Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	Not reported	
Site Priority:	E	
Phase Of LSA Req:	1	
Site Risk Reason:	Not reported	
Land Use:	Not reported	
MTBE:	No	
MTBE1:	Unknown	
Flag:	No	
Flag1:	No	
LUR Filed:	Not reported	
Release Detection:	0	
Current Status:	File Located in	House
RBCA GW:	Not reported	
PETOPT:	3	
RPL:	False	
CD Num:	Not reported	
Reel Num:	Not reported	
RPOW:	False	
RPOP:	False	

Database(s)

EDR ID Number EPA ID Number

EXXON - DURHAM (Continued)

	Jeuj		010
Error Flag:	0		
Error Code:	N		
Valid:	False		
Lat/Long:	36 0 13.68 78 3	33 14.4	
Lat/Long Decimal:	36.0037999999	999998 78.55400000000002	
Testlat:	Not reported		
Regional Officer Project	Mgr:	JFM	
Region:		Raleigh	
Company:		MARVIN DURHAM	
Contact Person:		Not reported	
Telephone:		Not reported	
RP Address:		213 ORANGE HIGHSCHOOL	
RP City,St,Zip:		HILLSBOUGH, NC 27278-	
RP County:		Not reported	
Comments:		SW seen. 08/25/2005, JFM///MARVIN DURHAM called	
		tated that he never seen any of the NORRS issued for	
	this site. 04/21/	2011, JFM///	
5 Min Quad:	Not reported		
PIRF:			
Facility Id:		20479	
Date Occurred:		1999-04-13 00:00:00	
Date Reported:		1999-09-09 00:00:00	
Description Of Incident:		7 USTS REMOVED FREE PRODUCT ENCOUNTERED IN PIT	
Owner/Operator:		MARVIN DURHAM	
Ownership:		4	
Operation Type:		6	
Туре:		3	
Location:		1	
Site Priority:		Not reported	
Priority Update:		1999-09-09 00:00:00	
Wells Affected Y/N:		Not reported	
Samples Include:		Not reported	
7#5 Minute Quad:		3	
5 Minute Quad:		2	
Pirf/Min Soil:		Not reported	
Release Code:		Not reported	
Source Code:		PIRF	
Err Type:		Not reported	
Cause:		Not reported	
Source:		Not reported	
Ust Number:		Not reported	
Loot Modified		Nationated	
Last Modified: Incident Phase:		Not reported	
NOV Issued:		Response Not reported	
NORR Issued:		Not reported	
45 Day Report:		Not reported	
Public Meeting Held:		Not reported	
Corrective Action Planne	ed.	Not reported	
SOC Signed:	50.	Not reported	
Reclassification Report:		Not reported	
RS Designation:		Not reported	
Closure Request Date:		Not reported	
Close-out Report:		Not reported	
ciose out rieport.			

Database(s)

EDR ID Number EPA ID Number

F20	DUKE UNIV AM DANCE F	ESTIVAL		LUST	S109164542
East 1/4-1/2	715 BROAD STREET DURHAM, NC			LUST TRUST	N/A
0.258 mi.	DORHAM, NC				
1364 ft.	Site 1 of 3 in cluster F				
Relative:	LUST:				
Lower	Facility ID:	Not reported			
	UST Number:	RA-5986			
Actual:	Incident Number:	33539			
386 ft.	Contamination Type:		Soil		
	Source Type:	Leak-undergro			
	Product Type:	PETROLEUM			
	Date Reported:	2008-05-15 00			
	Date Occur: Cleanup:	2008-05-14 00			
	Closure Request:	2008-05-14 00 Not reported			
	Close Out:	2009-09-02 00	0.00.00		
	Level Of Soil Cleanup A		Residential		
	Tank Regulated Status		Non Regulated		
	# Of Supply Wells:	0			
	Commercial/NonComm	ercial UST Site:	NON COMMERCIAL		
	Risk Classification:		L		
	Risk Class Based On R		L		
	Corrective Action Plan		Not reported		
	NOV Issue Date:	Not reported			
	NORR Issue Date:	Not reported			
	Site Priority:	Not reported			
	Phase Of LSA Req: Site Risk Reason:	Not reported Not reported			
	Land Use:	Residential			
	MTBE:	No			
	MTBE1:	Yes			
	Flag:	No			
	Flag1:	No			
	LUR Filed:	2009-08-18 00	0:00:00		
	Release Detection:	0			
	Current Status:	File Located in			
	RBCA GW:	•	Iternate standards		
	PETOPT: RPL:	4 False			
	CD Num:	0			
	Reel Num:	0			
	RPOW:	False			
	RPOP:	False			
	Error Flag:	0			
	Error Code:	Ν			
	Valid:	False			
	Lat/Long:	36 0 40.74 78			
	Lat/Long Decimal:		999998 78.92062		
	Testlat:	Not reported			
	Regional Officer Projec	t ivigr:	wer		
	Region: Company:		Raleigh Duke University		
	Contact Person:		Bill Brewer, PhD		
	Telephone:		9196842794		
	RP Address:		402 Oregon Street		
	RP City,St,Zip:		durham, NC 27705		
	RP County:		Not reported		

Site	Database(s)	EDR ID Num EPA ID Num
DUKE UNIV AM DANCE FE	ESTIVAL (Continued)	S109164542
	One 1,127-gallon heating oil UST removed. Soil above Soil to GW, approx 38 tons of soil removed. NORR sent for LSA. WER//Low Risk. Confirmation samples collected in tank pit/over excavated area and along product lines. Only 2 soil samples above S-to-GW, S1 located in base of pit (at refusal) and S5 located along the west side wall. Groundwater above 2L but below GCLs. Most COCs are gasoline related. A sheen of free product was observed during purging of the well. Sent a NORR for NRP. WER// 10.1.2008 - Received a letter from the Duke requesting a delay regarding submission of the NRP. Instead, Duke has agreed to conduct soil sampling to delineate the extent of contamination in the soil and submit a report of the findings. WER//	
5 Min Quad:	Not reported	
PIRF:	22522	
Facility Id:	33539 2008 0F 14 00:00:00	
Date Occurred:	2008-05-14 00:00:00 2008-07-21 00:00:00	
Date Reported: Description Of Incident:	Heating oil UST - soil samples indicated above soil to gw.	
Owner/Operator:	Not reported	
Ownership:	4	
Operation Type:	4	
Туре:	4	
Location:	1	
Site Priority:	Not reported	
Priority Update:	Not reported	
Wells Affected Y/N:	Not reported	
Samples Include: 7#5 Minute Quad:	Not reported Y	
5 Minute Quad:	Not reported	
Pirf/Min Soil:	Not reported	
Release Code:	Not reported	
Source Code:	Not reported	
Err Type:	2	
Cause:	7	
Source:	A P	
Ust Number:	F	
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 Planne SOC Signed:	d: Not reported 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:	33539	
Site Note:	Noncommercial; 100% eligible; \$0 deductible.[CGS 10/20/09]	
Site Eligible?:	True	
Commercial Find:	100% Non-Commercial	
Priority Rank:	Not reported	

Database(s)

EDR ID Number EPA ID Number

S109164542

DUKE UNIV. - AM DANCE FESTIVAL (Continued)

Deductable Amount:03rd Party Deductable Amt:0Sum 3rd Party Amt Applied:0

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

F21 East 1/4-1/2 0.258 mi.	DUKE UNV. AMERICAN DA 715 BROAD STREET DURHAM, NC 27705	ANCE		LUST	S109164515 N/A
1364 ft.	Site 2 of 3 in cluster F				
1/4-1/2 0.258 mi.	715 BROAD STREET DURHAM, NC 27705 Site 2 of 3 in cluster F LUST: Facility ID: UST Number: Incident Number: Contamination Type: Source Type: Product Type: Date Reported: Date Occur: Cleanup: Closure Request: Close Out: Level Of Soil Cleanup Tank Regulated Status # Of Supply Wells:	Not reported RA-5987 33532 Leak-undergr PETROLEUM 2008-05-15 0 2008-05-14 0 2008-05-14 0 2008-05-14 0 Not reported 2011-02-25 0 Achieved: Construction Serview:	1 0:00:00 0:00:00 0:00:00 Not reported Non Regulated e: NON COMMERCIAL Not reported L Not reported		
	Error Flag:	0			
	Error Code: Valid: Lat/Long: Lat/Long Decimal: Testlat:	N False 36 0 40.74 78 36.011319999 Not reported	9 55 14.22 9999998 78.92062		

Database(s)

EDR ID Number EPA ID Number

DUKE UNV. AMERICAN DA	NCE (Continu	led)	S109164515
Regional Officer Projec	t Mar:	wer	
Region:		Raleigh	
Company:		Duke University	
Contact Person:		Bill Brewer	
Telephone:		9196683218	
RP Address:		Box 3914 DUMC	
RP City,St,Zip:		Durham, NC 27710	
RP County:		Not reported	
Comments:	6.26.	·	
	2008 24-hour	release reported 5/15/2008. Approx. 1,127-gallon UST r	
		ox 38 tons of contaminated soil excavated. Closure	
	samples repor	rted above soil to groundwater MCC?s. In the process of	
	submitting a L		
5 Min Quad:	Not reported		
PIRF:			
Facility Id:		33532	
Date Occurred:		2008-05-14 00:00:00	
Date Reported:		2008-05-15 00:00:00	
Description Of Incident	:	1,127-gallon UST removed. Approx 38 tons ontaminated s	soil removed.
		closure samples above soil to groundwater MCC's	,
Owner/Operator:		Not reported	
Ownership:		4	
Operation Type:		4	
Type:		4	
Location:		1	
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:		3	
Source: Ust Number:		A P	
Ust Number.		F	
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 Planr	ned:	Not reported	
SOC Signed:		Not reported	
Reclassification Report	:	Not reported	
RS Designation:		Not reported	
Closure Request Date:		Not reported	
Close-out Report:		Not reported	

Database(s)

EDR ID Number EPA ID Number

F22 East 1/4-1/2 0.260 mi.	731 BROAD STREET 731 BROAD STREET DURHAM, NC			LUST LUST TRUST	S109836865 N/A
1373 ft.	Site 3 of 3 in cluster F				
0.260 mi.		: 0 ercial UST Site: Review: Type: Not reported Not reported Not reported Residential No Unknown No No Not reported 0 File Located in Not reported 0 File Located in Not reported 4 False 0 0 False False 5 0 No False 5 36 0 33.42 78 36.00929 78.9 Not reported	2:00:00 2:00:0		
	RP Address: RP City,St,Zip:		731 Broad Street Durham, NC 27705		
	RP County:		Not reported		

Database(s)

EDR ID Number EPA ID Number

731 BROAD STREET (Continued)

	•		
	Comments: 5 Min Quad:	Not reported Not reported	
	o win Quad.	Notreponed	
Ρ	IRF:		
	Facility Id:		33674
	Date Occurred:		2009-05-18 00:00:00
	Date Reported:		2009-05-19 00:00:00
	Description Of Incident:		Not reported
	Owner/Operator:		Not reported
	Ownership:		4
	Operation Type:		6 4
	Type:		4
	Location:		
	Site Priority:		Not reported
	Priority Update: Wells Affected Y/N:		Not reported
	Samples Include:		Not reported
	7#5 Minute Quad:		Not reported 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:		Р
	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 Plann	ed:	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:	33674
Site Note:	Noncommercial; 100% eligible; \$0 deductible.[CGS 10/7/09]
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

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

Database(s)

EDR ID Number EPA ID Number

U003136124

N/A

G23 ENE 1/4-1/2 0.282 mi.	EAST CAMPUS BP 215 801 BROAD STREET DURHAM, NC 27705		IMD LUST LUST TRUST UST	l
1491 ft.	Site 1 of 2 in cluster G			
0.282 mi.	Site 1 of 2 in cluster G IMD: Region: RAL Facility ID: 22619 Date Occurred: 7/11/200 Submit Date: 12/11/200 GW Contam: Yes, Gro Soil Contam: No Incident Desc: SOIL CO Operator: THOMA Contact Phone: 9193092 Owner Company: M.M. FC Operator Address: 4220 NE Operator Address: 4220 NE Operator City: DURHAI Oper City,St,Zip: DURHAI Ownership: Private Operation: Commen Material: Not repo Qty Lost 1: Not repo	200 pundwater Contamination has been detected DNTAMINATION DISCOVERED UPON UST REMOVAL S LINDLEY 2925 WUER, INC. EAL ROAD M M, NC 27705- rcial pried pried pried derground s/diesel wrted 00 pried Not reported Not reported Not reported Not reported 12/11/2000 Closed Out Not reported Not reported Not reported 12/11/2000 Closed Out Not reported Not reported		
	Reclassification Report:	Not reported		

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

LUST:

UST:		
Facility ID:	0-015622	
UST Number:	RA-3672	
Incident Number:	22619	
Contamination Type:		Groundwater/Both
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	2000-08-22 00	:00:00
Date Occur:	2000-07-11 00	:00:00
Cleanup:	2002-05-03 00	:00:00
Closure Request:	Not reported	
Close Out:	2003-04-14 00	:00:00
Level Of Soil Cleanup A	chieved:	Industrial/Commercial
Tank Regulated Status:		Regulated
# Of Supply Wells:	0	0
Commercial/NonComm	ercial UST Site:	COMMERCIAL
Risk Classification:		L
Risk Class Based On R	eview:	L
Corrective Action Plan	Type:	Not reported
NOV Issue Date:	Not reported	·
NORR Issue Date:	2002-03-12 00	:00:00
Site Priority:	Not reported	
Phase Of LSA Reg:	1	
Site Risk Reason:	Not reported	
Land Use:	Residential	
MTBE:	No	
MTBE1:	Yes	
Flag:	No	
Flag1:	No	
LUR Filed:	2003-05-08 00	:00:00
Release Detection:	0	
Current Status:	File Located in	Archives
RBCA GW:		ernate standards
PETOPT:	3	
RPL:	False	
CD Num:	224	
Reel Num:	76	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	Ň	
Valid:	False	
Lat/Long:	36 0 34.98 78 5	55 9 96
Lat/Long Decimal:		999996 78.9194439999999999
Testlat:	Not reported	
Regional Officer Project		MRP
Region:		Raleigh
Company:		M.M. FOWLER, INC.
Contact Person:		THOMAS LINDLEY
Telephone:		9193092925
RP Address:		4220 NEAL ROAD
RP City,St,Zip:		DURHAM, NC 27705-
···· •··, ·•·, -·p·		

EDR ID Number Database(s)

EPA ID Number

RP County:	Durham
Comments:	LSA Addendum rec'd 11/19/01.////// A new SAR NORR was sent out 11/30/2001. 11/30/2001, JFM/////SAR Refused for natural attenuation statement. C03/06/2002, JFM /////SAR Addendum rec'd 3/5/02, RKD// Soil Assessment Report Addendum was accepted. 03/08/
	Not reported
PIRF:	
Facility Id:	22619
Date Occurred:	2000-07-11 00:00:00
Date Reported:	2000-12-11 00:00:00
Description Of Incident:	SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL
Owner/Operator:	THOMAS LINDLEY
Ownership:	4
Operation Type:	6
Туре:	3
Location:	1
Site Priority:	U
Priority Update:	2000-12-12 00:00:00
Wells Affected Y/N:	Ν
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:	Not reported
Ust Number:	Not reported
Last Modified:	2000-12-11 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 Planne	d: 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 TRUST:	
Facility ID:	0-015622
Site ID:	22619
Site Note:	Not reported
Site Eligible?:	True
Commercial Find:	100% Commercial
Priority Rank:	Not reported
Deductable Amount:	20000
3rd Party Deductable Am	
Sum 3rd Party Amt Appli	

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

UST:			
Facility ID:	0-015622		
Region:	5		
Facility Telephone:	(919) 416-8853		
Last Update:	2010-08-10 00:00:00		
Owner Name:	M M FOWLER INC		
Owner Address:	4220 NEAL RD		
Owner City,St,Zip:	DURHAM, NC 27705		
Owner Phone:	(919) 309-2925		
Latitude:	36.01006		
Latitude 1:	36 00 36.22	36 00 36.22	
Longitude:	78.91984		
Longitude 1:	78 55 11.43		
GPS String Confirmed:			
Initials of Individual Confirming GPS: DAM			
Tank ID:	1		
Tank ID Number:	Not reported		
Tank Capacity:	6000		
Status:	Permanent Closed		
Date installed:	1971-04-14	1971-04-14 00:00:00	
Date removed:	2000-07-14 00:00:00		
Tank Product:	Gasoline, Gasoline Mixture		
Product Type:	NON		
Tank Material:	Steel		
Compartment Tank:		No	
Main Tank:		No	
Tank Last Used Date:		Not reported	
Tank Certified Number:		2000066470	
Date Last Certified:		2000-06-23 00:00:00	
Begin Certified Number End Certified Number:	:	2000-01-07 00:00:00	
Interior Protection:	None	Not reported	
Exterior Protection:	FRP		
Piping material:	FRP		
Certify Type:		rtified by tank and piping manufacturers	
Leak Detection Type:	Inventory control		
Leak Detection Piping 1:Automatic line leak detectors			
Corrosn Protec Tank: Interior lining			
Corrosn Protec Pipe:	FRP tank/piping		
Spill and Overfill:	Automatic s	shutoff devices	
Surface Water:		Not reported	
Water Supply Well:		Not reported	
Leak Detection Piping 2:		1	
Leak Detection Type 2:		Automatic tank guaging	
Corrosion Protection Tank1:		Not reported	
Corrosion Piping:		Not reported	
Overfill:		Catchment basins	
Corrosion Protection Tank Date:		Not reported Not reported	
Corrosion Protection Piping Date: Spill Overfill Date:		Not reported	
Piping System Type Code:		Not reported	
Piping System Type Description:		Not reported	
Comment: Not reported		•	

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

Tank ID: 2 Not reported Tank ID Number: 6000 Tank Capacity: Status: Permanent Closed Date installed: 1971-04-14 00:00:00 2000-07-14 00:00:00 Date removed: Gasoline, Gasoline Mixture Tank Product: Product Type: NON Tank Material: Steel Compartment Tank: No Main Tank: No Tank Last Used Date: Not reported Tank Certified Number: 2000066470 Date Last Certified: 2000-06-23 00:00:00 2000-01-07 00:00:00 Begin Certified Number: End Certified Number: Not reported Interior Protection: None FRP Exterior Protection: Piping material: FRP Installer certified by tank and piping manufacturers Certify Type: Leak Detection Type: Inventory control Leak Detection Piping 1: Automatic line leak detectors Corrosn Protec Tank: Interior lining Corrosn Protec Pipe: FRP tank/piping Spill and Overfill: Automatic shutoff devices Surface Water: Not reported Water Supply Well: Not reported Leak Detection Piping 2: Leak Detection Type 2: Automatic tank guaging Corrosion Protection Tank1: Not reported Corrosion Piping: Not reported Overfill: Catchment basins Corrosion Protection Tank Date: Not reported Corrosion Protection Piping Date: Not reported Spill Overfill Date: Not reported Piping System Type Code: Not reported Piping System Type Description: Not reported Comment: Not reported

Tank ID:	3
Tank ID Number:	Not reported
Tank Capacity:	6000
Status:	Permanent Closed
Date installed:	1971-04-14 00:00:00
Date removed:	2000-07-14 00:00:00
Tank Product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank Material:	Fiberglass Reinforced Plastic
Compartment Tank:	No
Main Tank:	No
Tank Last Used Date:	Not reported
Tank Certified Number:	2000066470
Date Last Certified:	2000-06-23 00:00:00
Begin Certified Number:	2000-01-07 00:00:00
End Certified Number:	Not reported
Interior Protection:	FRP

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

	, , ,	
Exterior Protection:	FRP	
Piping material:	FRP	
Certify Type:	Installer ce	rtified by tank and piping manufacturers
Leak Detection Type:	Inventory of	ontrol
Leak Detection Piping	1:Automatic	line leak detectors
Corrosn Protec Tank:	FRP tank/p	biping
Corrosn Protec Pipe:	FRP tank/p	piping
Spill and Overfill:	Automatic	shutoff devices
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	1
Leak Detection Type 2:		Automatic tank guaging
Corrosion Protection Ta	ank1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Catchment basins
Corrosion Protection Ta	ank Date:	Not reported
Corrosion Protection P	ping Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co	ode:	Not reported
Piping System Type De	escription:	Not reported
Comment:	Not reporte	ed

Tank ID:	ЗA	
Tank ID Number:	ЗA	
Tank Capacity:	12000	
Status:	Currently	In Use
Date installed:	2000-07-14	4 00:00:00
Date removed:	Not reporte	d
Tank Product:	Gasoline, C	Gasoline Mixture
Product Type:	NON	
Tank Material:	Fiberglass	Reinforced Plastic
Compartment Tank:		Yes
Main Tank:		Yes
Tank Last Used Date:		Not reported
Tank Certified Number:		201005546O
Date Last Certified:		2010-06-22 00:00:00
Begin Certified Number	:	2010-01-07 00:00:00
End Certified Number:		Not reported
Interior Protection:	FRP	
Exterior Protection:	FRP	
Piping material:	10	
Certify Type:	Installer ce	rtified by tank and piping manufacturers
Leak Detection Type:	Statistical in	nventory reconciliation
Leak Detection Piping 1		
Corrosn Protec Tank:	FRP tank/p	
Corrosn Protec Pipe:	Flexible Pip	5
Spill and Overfill:	Automatic :	shutoff devices
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2		Not reported
Leak Detection Type 2:		Interstitial monitoring/double-walled tank and/or piping
Corrosion Protection Tank1:		Not reported
Corrosion Piping:		Not reported
Overfill:		Catchment basins
Corrosion Protection Tank Date:		2000-07-14 00:00:00
Corrosion Protection Pi	ping Date:	2000-07-14 00:00:00

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

Tank Product:

Product Type:

Tank Material:

Main Tank:

Compartment Tank:

	Spill Overfill Date:		2000-07-14 00:00:00	
Piping System Type Code:		de:	Р	
	Piping System Type De	scription:	Not reported	
	Comment:	Not reported	d	
	Tank ID:	3B		
	Tank ID Number:	3D 3A		
	Tank Capacity:	8000		
	Status:	Currently I	n llse	
	Date installed:	2000-07-14		
	Date removed:	Not reported		
	Tank Product:	•	asoline Mixture	
	Product Type:	NON		
	Tank Material:	-	Reinforced Plastic	
	Compartment Tank:	. is engineer	Yes	
	Main Tank:		No	
	Tank Last Used Date:		Not reported	
	Tank Certified Number:		201005546O	
	Date Last Certified:		2010-06-22 00:00:00	
	Begin Certified Number:		2010-01-07 00:00:00	
	End Certified Number:		Not reported	
	Interior Protection:	FRP		
	Exterior Protection:	FRP		
	Piping material:	10		
	Certify Type:	Installer cer	tified by tank and piping manufacturers	
	Leak Detection Type:		ventory reconciliation	
	Leak Detection Piping 1			
	Corrosn Protec Tank:	FRP tank/pi		
	Corrosn Protec Pipe:	Flexible Pip	0	
	Spill and Overfill:	Automatic s	hutoff devices	
	Surface Water:		Not reported	
	Water Supply Well:		Not reported	
	Leak Detection Piping 2	:	Not reported	
	Leak Detection Type 2:	بهاره .	Interstitial monitoring/double-walled tank and/or piping	
	Corrosion Protection Ta	пкт:	Not reported	
	Corrosion Piping:		Not reported	
	Overfill: Corrosion Protection Ta	nk Data:	Catchment basins 2000-07-14 00:00:00	
	Corrosion Protection Pig		2000-07-14 00:00:00	
	Spill Overfill Date:	Ding Date.	2000-07-14 00:00:00	
	Piping System Type Co	do.	P	
	Piping System Type De		Not reported	
	Comment:	Not reported	•	
	oomment.	Notreporte	ч	
	Tank ID:	4		
	Tank ID Number:	Not reported	d	
	Tank Capacity:	550		
	Status:	Permanent	Closed	
	Date installed:	1971-04-14	00:00:00	
	Date removed:	1988-01-12		
	Taple Draduate	Oil Now/Lla	od/Mixturo	

Oil, New/Used/Mixture

No

No

NON

Steel

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type: Leak Detection Type: Leak Detection Piping 1 Corrosn Protec Tank: Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill: Surface Water: Water Supply Well: Leak Detection Piping 2 Leak Detection Type 2: Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Ta Corrosion Protection Pip Spill Overfill Date: Piping System Type Co Piping System Type De Comment:	Unknown Paint Steel Not reporte Not reporte Not reporte Not reporte Not reporte	d d d d d Not reported Not reported
Tank ID: Tank ID Number: Tank Capacity: Status: Date installed: Date removed: Tank Product: Product Type: Tank Material: Compartment Tank: Main Tank: Tank Last Used Date: Tank Certified Number: Date Last Certified: Begin Certified Number: Interior Protection: Exterior Protection: Exterior Protection: Piping material: Certify Type: Leak Detection Type: Leak Detection Piping 1 Corrosn Protec Tank: Corrosn Protec Pipe: Spill and Overfill: Surface Water: Water Supply Well: Leak Detection Piping 2	Unknown Unknown Not reporte Not reporte Not reporte Not reporte Not reporte	t Closed 00:00:00 00:00:00 oleum No 1971-12-31 00:00:00 Not reported Not reported Not reported Not reported Not reported d d d d d

Database(s)

EDR ID Number EPA ID Number

	,	
Leak Detection Type 2:		Not reported
Corrosion Protection Tank1:		Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	ank Date:	Not reported
Corrosion Protection Pi		Not reported
Spill Overfill Date:	ping Date.	Not reported
Piping System Type Co	do.	Not reported
Piping System Type De		Not reported
Comment:	Not reporte	
Comment.	Not reporte	u .
Tank ID:	6	
Tank ID Number:	Not reporte	d
Tank Capacity:	1000	4
Status:	Permanen	t Closed
Date installed:	1949-01-01	
Date removed:	2000-07-14	
Tank Product:	Other, Petr	
Product Type:	NIU	oleum
Tank Material:	Unknown	
	UNKNOWN	No
Compartment Tank:		No
Main Tank:		
Tank Last Used Date:		1971-12-31 00:00:00
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Begin Certified Number		Not reported
End Certified Number:		Not reported
Interior Protection:	Unknown	
Exterior Protection:	Unknown	
Piping material:	Unknown	
Certify Type:	Not reporte	
Leak Detection Type:	Not reporte	
Leak Detection Piping 1	I:Not reporte	d
Corrosn Protec Tank:	Not reporte	
Corrosn Protec Pipe:	Not reporte	d
Spill and Overfill:	Not reporte	d
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	ank1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	ank Date:	Not reported
Corrosion Protection Pi	ping Date:	Not reported
Spill Overfill Date:	-	Not reported
Piping System Type Co	de:	Not reported
Piping System Type De		Not reported
Comment:	Not reporte	•
	•	
	-	

Tank ID:	7
Tank ID Number:	Not reported
Tank Capacity:	1000
Status:	Permanent Closed
Date installed:	1949-01-01 00:00:00

Database(s)

EDR ID Number EPA ID Number

EAST CAMPUS BP 215 (Continued)

•		
Date removed:	2000-07-14	00:00:00
Tank Product:	Other, Petro	oleum
Product Type:	NIU	
Tank Material:	Unknown	
Compartment Tank:	0	No
Main Tank:		No
Tank Last Used Date:		1971-12-31 00:00:00
Tank Certified Number:		
		Not reported
Date Last Certified:		Not reported
Begin Certified Number	:	Not reported
End Certified Number:		Not reported
Interior Protection:	Unknown	
Exterior Protection:	Unknown	
Piping material:	Unknown	
Certify Type:	Not reporte	d
Leak Detection Type:	Not reporte	d
Leak Detection Piping 1	:Not reporte	d
Corrosn Protec Tank:	Not reporte	d
Corrosn Protec Pipe:	Not reporte	d
Spill and Overfill:	Not reporte	d
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2		Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	nk1	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	nk Data:	Not reported
		•
Corrosion Protection Pi	ping Date.	Not reported
Spill Overfill Date:	- I	Not reported
Piping System Type Co	de:	Not reported
Piping System Type De		Not reported
Comment:	Not reporte	d
TauluiD		
Tank ID:	8	-1
Tank ID Number:	Not reporte	a
Tank Capacity:	1000	
Status:	Permanent	
Date installed:	1949-01-01	
Date removed:	2000-07-14	00:00:00
Tank Product:	Other, Petro	oleum
Product Type:	NIU	
Tank Material:	Unknown	
Compartment Tank:		No
Main Tank:		No
Tank Last Used Date:		1971-12-31 00:00:00
Tank Certified Number:		Not reported
Date Last Certified:		Not reported
Desig Contified Number		Net reported

Not reported

Not reported

Unknown

Unknown

Unknown

Not reported

Not reported

Begin Certified Number:

End Certified Number:

Leak Detection Type:

Leak Detection Piping 1:Not reported

Interior Protection:

Exterior Protection:

Piping material:

Certify Type:

Database(s)

EDR ID Number EPA ID Number

Corrosn Protec Tank: Corrosn Protec Pipe:	Not report Not report	
Spill and Overfill:	Not report	
Surface Water:		Not reported
Water Supply Well:		Not reported
Leak Detection Piping 2	2:	Not reported
Leak Detection Type 2:		Not reported
Corrosion Protection Ta	ank1:	Not reported
Corrosion Piping:		Not reported
Overfill:		Not reported
Corrosion Protection Ta	ank Date:	Not reported
Corrosion Protection Pi	ping Date:	Not reported
Spill Overfill Date:		Not reported
Piping System Type Co	ode:	Not reported
Piping System Type De	escription:	Not reported
Comment:	Not report	ed

G24WHELESS PROPERTY, SYLVIA (FORMIMDSENE811 BROAD STREETLUST1/4-1/2DURHAM, NCLUST TRUST0.288 mi.1519 ft.Site 2 of 2 in cluster G	S105120212 N/A
Relative: IMD:	
Lower Region: RAL	
Facility ID: 22973	
Actual: Date Occurred: 11/26/2000	
379 ft. Submit Date: 2/28/2001	
GW Contam: Yes, Groundwater Contamination has been detected	
Soil Contam: No	
Incident Desc: GROUNDWATER AND SOIL CONTAMINATION DISCOVERED UPON UST INVESTIGA	ATION
Operator: HERBERT & SYLVIA WHELESS	
Contact Phone: Not reported	
Owner Company: Not reported	
Operator Address:P.O. BOX 7124	
Operator City: GREENVILLE	
Oper City,St,Zip: GREENVILLE, NC 27835-	
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: U	
Priority Code: Not reported	
Priority Update: 2/28/2001	
Dem Contact: MRP	
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	

Database(s)

EDR ID Number EPA ID Number

WHELESS PROPERTY, SYLVIA (FORM (Continued)

Latitude: Longitude: Latitude Number: Longitude Number: Latitude Decimal: Longitude Decimal: GPS: Agency: Facility ID: Last Modified: Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held: Corrective Action Planned: SOC Sighned: Reclassification Report: RS Designation: Closure Request Date:	36.01 -78.88694444 360036 785313 36.01 78.886944444444 NOD DWM 22973 2/28/2001 RE Not reported Not reported
RS Designation: Closure Request Date: Close-out Report:	Not reported Not reported Not reported

Region: Facility ID: Date Occurred:	RAL 23184 11/26/2000
Submit Date:	5/23/2001
GW Contam:	No Groundwater Contamination detected
Soil Contam:	Yes
Incident Desc:	GROUNDWATER AND SOIL CONTAMINATION DISCOVERED DURING UST CLOSURE
Operator:	HERBERT AND SYLVIA WHELESS
Contact Phone:	Not reported
Owner Company: Operator Address	•
Operator City:	GREENVILLE
	GREENVILLE, NC 27835
Ownership:	Private
Operation:	Commercial
Material:	Not reported
Qty Lost 1:	Not reported
Qty Recovered 1:	•
Source:	Leak-underground
Туре:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Risk Site:	Not reported
Site Priority:	U
Priority Code:	Not reported
Priority Update:	10/2/2001
Dem Contact:	JFM
Wells Affected:	No
Num Affected:	Not reported
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	
7.5 Min Quad: 5 Min Quad:	Not reported
	Not reported

Database(s)

EDR ID Number EPA ID Number

WHELESS PROPERTY, SYLVIA (FORM (Continued)

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:	23184
Last Modified:	5/21/2001
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

LUST:

JST:		
Facility ID:	Not reported	
UST Number:	RA-3811	
Incident Number:	22973	
Contamination Type:		Groundwater/Both
Source Type:	Leak-undergrou	und
Product Type:	PETROLEUM	
Date Reported:	2001-01-29 00:	00:00
Date Occur:	2000-11-26 00:	00:00
Cleanup:	1992-01-01 00:	00:00
Closure Request:	Not reported	
Close Out:	Not reported	
Level Of Soil Cleanup A	chieved:	Not reported
Tank Regulated Status:		Regulated
# Of Supply Wells:	0	
Commercial/NonComme	ercial UST Site:	COMMERCIAL
Risk Classification:		I
Risk Class Based On Re	eview:	I
Corrective Action Plan T	ype:	Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	2001-03-07 00:	00:00
Site Priority:	Not reported	
Phase Of LSA Req:	2	
Site Risk Reason:	Gross contamir	nant levels
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	

Database(s)

EDR ID Number EPA ID Number

RPL:	alse	
	lot reported	
	lot reported	
RPOW:	alse	
RPOP:		
-	alse	
Error Flag:		
Error Code:		
	alse	
Lat/Long:	60036 785313	
Lat/Long Decimal:	6.0099999999999998 78.886944	
Testlat:	lot reported	
Regional Officer Project	lgr: WER	
Region:	Raleigh	
Company:	Not reported	
Contact Person:	HERBERT & SYLVIA WHELESS	
Telephone:	Not reported	
RP Address:	P.O. BOX 7124	
RP City,St,Zip:	GREENVILLE, NC 27835-	
RP County:		
Comments:	SA II SUBMITTED ON 05/17/2001 INDICATES GROUND	
	CONTAMINTED ABOVE GCL LIMITS. NEED TO CSA. NO)RR SENT ON 10/16/2001.
	ZMB) MTBE 10,000PPB, BENZENE 7000PPB,	
5 Min Quad:	lot reported	
PIRF:		
Facility Id:	22973	
Date Occurred:	2000-12-05 00:00:00	
Date Reported:	2001-02-28 00:00:00	
Description Of Incident:		ATION DISCOVERED UPON UST INVESTIGA
Owner/Operator:	BUD WHELESS	
Ownership:	4	
Operation Type:	6	
Type:	3	
Location:	1	
Site Priority:	U	
Priority Update:	2001-02-28 00:00:00	
Wells Affected Y/N:	Ν	
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:	3	
Cause:	Not reported	
	· · · · · · · · · · · · · · · · · · ·	
Source:	C	
Ust Number:	С	
Last Modified:	2001-02-28 00:00:00	
Incident Phase:	Response	
NOV Issued:	Not reported	
NORR Issued:	Not reported	
45 Day Report:	Not reported	
Public Meeting Held:	Not reported	
Corrective Action Planne	l: Not reported	
SOC Signed:	Not reported	
Reclassification Report:	Not reported	

Database(s)

EDR ID Number EPA ID Number

S105120212

Closure Request Date:	
Close-out Report:	

Not reported Not reported

LUST TRUST: Facility ID: Not reported 22973 Site ID: Site Note: Not reported Site Eligible?: True 100% Commercial Commercial Find: Priority Rank: Not reported Deductable Amount: 20000 3rd Party Deductable Amt: 0 Sum 3rd Party Amt Applied: 0

<u>Click this hyperlink</u> while viewing on your computer to access additional NC LUST TRUST: detail in the EDR Site Report.

25 SE 1/4-1/2 0.303 mi. 1600 ft.	LLOYD'S 66 1802 WEST MAIN ST. DURHAM, NC		IMD LUST LUST TRUST	S102868056 N/A
Relative:	IMD:			
Higher	Region:	RAL		
J	Facility ID:	6031		
Actual:	Date Occurred:	11/9/1990		
411 ft.	Submit Date:	11/15/1990		
	GW Contam:	Yes, Groundwater Contamination has been detected		
	Soil Contam:	No		
	Incident Desc:	GASOLINE FOUND IN MAN-HOLE; PIPING LEAK FOUND.		
	Operator:	EDWARD HOLMES, JR.		
	Contact Phone:	Not reported		
		: KENAN OIL CO.		
	Operator City:	s:100 EUROPA DR., SUITE 450 CHAPEL HILL		
		CHAPEL HILL, NC 27514-		
	Ownership:	Private		
	Operation:	Commercial		
	Material:	GASOLINE		
	Qty Lost 1:	Not reported		
	Qty Recovered 1	•		
	Source:	Leak-underground		
	Type:	Gasoline/diesel		
	Location:	Facility		
	Setting:	Urban		
	Risk Site:	L		
	Site Priority:	80E		
	Priority Code:	L		
	Priority Update:	4/16/1998		
	Dem Contact:	MRP		
	Wells Affected:	No		
	Num Affected: Wells Contam:	0 Not reported		
	Sampled By:	Not reported Responsible Parties		
	1 1	Groundwater Samples		
	7.5 Min Quad:	Not reported		

Database(s)

EDR ID Number EPA ID Number

S102868056

LLOYD'S 66 (Continued)

5 Min Quad: Latitude: Longitude: Latitude Number: Longitude Number: Latitude Decimal: Longitude Decimal: GPS: Agency: Facility ID: Last Modified: Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held: Corrective Action Planne SOC Sighned: Reclassification Report: RS Designation: Closure Request Date: Close-out Report:	Not reported	13 22 1333333 12222222 d d d d d d d d d d d d d d d
LUST: Facility ID: UST Number: Incident Number: Contamination Type: Source Type: Product Type: Date Reported: Date Occur: Cleanup: Closure Request: Close Out: Level Of Soil Cleanup A Tank Regulated Status: # Of Supply Wells: Commercial/NonComme Risk Classification: Bick Class Based On Pa	0 ercial UST Site:	:00:00 :00:00 :00:00 Not reported Regulated COMMERCIAL L
Risk Class Based On Re Corrective Action Plan T NOV Issue Date: NORR Issue Date: Site Priority: Phase Of LSA Req: Site Risk Reason: Land Use: MTBE: MTBE1: Flag: Flag1: LUR Filed: Release Detection: Current Status: RBCA GW:	ype:	L Not reported House

Database(s)

EDR ID Number **EPA ID Number**

LLOYD'S 66 (Continued) S102868056 3 False Not reported Not reported False False 0 Ν False 36 0 21.84 78 55 11.4 36.006079 78.919844999999995 Lat/Long Decimal: Not reported Regional Officer Project Mgr: MRP Raleigh KENAN OIL CO. Contact Person: EDWARD HOLMES, JR. Not reported 100 EUROPA DR., SUITE 450 RP City,St,Zip: CHAPEL HILL, NC 27514-Not reported VAPORS A HAZARD IN '90...VOCS=79,340PPB(MW9) SO ACT.REM.MAY BE NEC.TO CONTROL PLUME...RERANK?//// Site visit 02/10/2005, no WSW [Durham H2O]. 02/11/2005, JFM/// //10-21-05 Monitoring Report Review: RBCA GW sampling & receptor s H43u

5 Min Quad:

PETOPT:

Reel Num:

Error Flag:

Lat/Long:

Testlat:

Region: Company:

Telephone:

RP Address:

RP County:

Comments:

Error Code:

RPOW:

RPOP:

Valid:

RPL: CD Num:

ΡI

5 Min Quad.	H43U	
PIRF:		
Facility Id:		6031
Date Occurred:		1985-06-01 00:00:00
Date Reported:		1990-11-15 00:00:00
Description Of Incident:		GASOLINE FOUND IN MAN-HOLE; PIPING LEAK FOUND.
Owner/Operator:		EDWARD HOLMES, JR.
Ownership:		4
Operation Type:		6
Type:		3
Location:		1
Site Priority:		80E
Priority Update:		1998-04-16 00:00:00
Wells Affected Y/N:		Ν
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:		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 Planne	ed:	Not reported
SOC Signed:		Not reported

Not reported

Not reported

Not reported

Not reported

Database(s)

EDR ID Number **EPA ID Number**

S102868056

LLOYD'S 66 (Continued)

Reclassification Report:
RS Designation:
Closure Request Date:
Close-out Report:

LUST TRUST:

Facility ID: Not reported Site ID: 6031 Site Note: Not reported Site Eligible?: True Commercial Find: 100% Commercial Priority Rank: Low Deductable Amount: 50000 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.

26 WNW 1/4-1/2 0.350 mi. 1851 ft.	GEORGIA STREET - (GEORGIA ST. DURHAM, NC	GTE	IMD LUST	S10140412 N/A
1851 ft. Relative: Lower Actual: 404 ft.	IMD: Region: Facility ID: Date Occurred: Submit Date: GW Contam: Soil Contam: Incident Desc: Operator: Contact Phone: Owner Company Operator Addres: Operator City: Oper City,St,Zip: Ownership: Operation: Material: Qty Lost 1: Qty Recovered 1 Source: Type: Location: Setting: Risk Site: Site Priority: Priority Code: Priority Update: Dem Contact: Wells Affected:	s:Not reported Not reported Not reported Not reported GASOLINE Not reported) GASOL	INE
	Wells Affected: Wells Contam:	No 0 Not reported		

128

Database(s)

EDR ID Number EPA ID Number

GEORGIA STREET - GTE (Continued)

Sampled By: Resp Samples Include: Grou 7.5 Min Quad: 5 Min Quad: Latitude: Longitude: Latitude Number: Latitude Number: Latitude Decimal: Longitude Decimal: GPS: Agency: Facility ID: Last Modified: Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held: Corrective Action Plann SOC Sighned: Reclassification Report RS Designation: Closure Request Date: Close-out Report:	Not reported Not reported 36.01805555 -78.93472222 360105 785605 36.0180555555556 78.9347222222222 7 DWM 5458 5/3/2001 Closed Out Not reported Not reported
LUST: Facility ID: UST Number: Incident Number: Contamination Type: Source Type: Product Type: Date Reported: Date Occur: Cleanup: Closure Request: Close Out: Level Of Soil Cleanup / Tank Regulated Status # Of Supply Wells: Commercial/NonComm Risk Classification: Risk Classification: Risk Classification: Risk Classification: Risk Class Based On F Corrective Action Plan NOV Issue Date: NORR Issue Date: Site Priority: Phase Of LSA Req: Site Risk Reason: Land Use: MTBE: MTBE1: Flag: Flag1: LUR Filed:	s: Regulated 0 nercial UST Site: COMMERCIAL L Review: L

Database(s)

EDR ID Number EPA ID Number

Pelease Detection: 0 Current Status: File Located in Achives RBCA GW: Not reported PETO FO: 3 RPL: False Part: False RDN: 64 ROW: False RPOP: False RPOP: False Error Fag: 0 Error Fag: 0 LatLong: 30105 795065 LatLong: Not reported Region: Rateigh Company: Not reported Region: Rateigh Company: Not reported Prof: Statight Region: Not reported Company: Not reported Prof: Not reported Comments: Not reported Prof: Statight Test Advisor Not reported Data Occurred: 1989-0425 000 00 Data Occurred: 1989-0425 000 00 Description Of Inceptong: Not reported Ownership: Not reported Ownership: Stati reported Ownership: Not reported Ownership: Not reported Ownership: Not reported Own	GEORGIA STREET - GTE	(Continued)	S101404128
BRCA GW: Not reported PETCOTF: 3 PRD: False CD Num: 44 Reel Num: 103 BROW: False BroN: False Error Code: N Valid: False Error Code: N Valid: False Error Code: Not reported Testis: Not reported Regional Officer Project Mg: MP Regional Officer Project Mg: MIP Regional Officer Project Mg: MIP Regional Officer Project Mg: Not reported Company: Not reported Company: Not reported Reference: State Mathematica Not reported: 199:02:26 00:00:00 Date Reported: 199:02:26 00:00:00 Date Reported: 199:02:26 00:00:00 Desceription Of Inciden: Contade Ninteo	Release Detection:	0	
BRCA GW: Not reported PETCOTF: 3 PRD: False CD Num: 44 Reel Num: 103 BROW: False BroN: False Error Code: N Valid: False Error Code: N Valid: False Error Code: Not reported Testis: Not reported Regional Officer Project Mg: MP Regional Officer Project Mg: MIP Regional Officer Project Mg: MIP Regional Officer Project Mg: Not reported Company: Not reported Company: Not reported Reference: State Mathematica Not reported: 199:02:26 00:00:00 Date Reported: 199:02:26 00:00:00 Date Reported: 199:02:26 00:00:00 Desceription Of Inciden: Contade Ninteo	Current Status:	File Located in	Archives
PETOPT: 3 Ret False CD Num: 44 Ret Num: 103 RPOW: False PROV: False PROV: False Error Cade: N Valid: False Error Code: N Valid: 0 Error Code: N Valid: False Error Code: N Valid: 0 Error Code: Nor reported Error Code: Nor reported Contact Person: Nor reported Contact Person: Nor reported RP City, SLZp: Nor reported RP Cody, SLZp: Nor reported PR Codorte: Nor reported Date Occurred: 1989-0425 00:00:00 Date Scourse: 10 Nor reported 00 <tr< th=""><th></th><th></th><th></th></tr<>			
PPL: False CD Num: 44 Real Num: 103 PROP: False PROP: False Error Code: N Vald: False Error Code: N Vald: False LatLong: 36016785605 LatLong: 36016785605 LatLong: Not reported Regional Officer Project Mgr: MRP Regional Officer Project Mgr: Not reported Company: Not reported Company: Not reported Contact Person: UNKNOWN Telephone: Not reported RP Chy; SLZjp: Not reported RP Course: Not reported RP Course: Not reported RP Course: Not reported RP Course: Not reported Not coursed: 1980-04-25 00:00:00 Date Coursed: 1980-04-25 00:00:00 Date Coursed: 1980-04-25 00:00:00 Date Coursed: 1980-04-25 00:00:00 Date Reported: CONTAMINATION. Ownership: Not reported Operation Type: Not reported Profit 1980-04-25 00:00:00 Date Reported: 100 reported <th></th> <th></th> <th></th>			
CD Num: 44 Real Num: 103 RPOW: False PROV: False Error Code: N Valat Selo 105 785605 Laubong: 360105 785605 Laubong: 360105 785605 Laubong: 0 Testiat: Not reported Region: Releigh Contact Person: Not reported RP Address: Not reported RP County: Not reported S Min Quad: 1989-04-25 00:00:00 Date Reported: 109:00-22:60 00:00:00 Date		-	
Real Num: 103 RPOP: False Pror Fiag: 0 Error Code: N Valid: False Latt.ong: 300105 785405 Latt.ong: 300105 785405 Latt.ong: 300105 785405 Latt.ong: 0 Testlat Not reported Regional Officer Project My: MP Regional Officer Project My: MP Contact Preson: Not reported Contact Preson: Not reported RP Address: Not reported S Min Quad: H43V PIF: Facility Id: 5458 Date Occurred: 1989-0-2-26 00:0:0:0 Date Accurred: 1989-0-2-26 00:0:0:0 Date Accurred: 1989-0-2-26 00:0:0:0 Date Accurred: 199-0-2-26 00:0:0:0 Date Accurred: 10 Not reported Contact NINATION. Ownership:			
BPOW: Failse BPOC: Find: Error Filag: 0 Error Code: N Valid: Se0105 785605 LatLong: 360105 785605 LatLong Decimal: 0 Testiat: Not reported Region: Raleigh Compart: Not reported Region: Not reported Contact Person: Vot reported RP Address: Not reported RP County: Statt Person: Facility Id: 5458 Date Occurred: 1989-04-25 00:00:00 Date Reported: CONTRAMINATION. Owner/Operator: Not reported Owner/Operator: Not reported Type: 3 Sine Priority: 65 Priority Update: <			
PPOP: Faise Error Code: N Valid: Paise LatLong: 360105 785605 LatLong: 360105 785605 LatLong: Not reported Testila: Not reported Testila: Not reported Company: Not reported Company: Not reported Contact Person: Not reported RP Adjress: Not reported RP City,SLZp: Not reported Comments: MULTPLE SOURCES IMPACTED CTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 6333, S331, COUCH OIL S 5 Min Quad: H43v PIFF: Facility Id: Facility Id: S458 Date Occurred: 1994-02-26 00:00:00 Date Reported: 1994-02-26 00:00:00 Ownership: Not reported Ownership: Not reported Ownership: Not reported Samples Include: 1 <t< th=""><th></th><th></th><th></th></t<>			
Error Flag: 0 Error Code:: N Valid: Faisa LatLong: 360105 786005 LatLong: 360105 786005 LatLong: 360105 786005 LatLong: 360105 786005 LatLong: 360105 786005 LatLong: 360105 786005 Testiat: Not reported Regional Officer Project Company: Not reported Contact Person: UNKNOWN Telephone: Not reported RP County: Not reported NC-#S S333, S31, COUCH OL 5 Min Quad: H43V FIRF- Facility Id: SUBS S33, S33, COUCH OL Description Of Incident: 1990-02-28 00:00:00 Data Reported: 1990-02-28 00:00:00 Data Reported: UNKNOWN Owner/Operator: UNKNOWN Owner/Operator: UNKNOWN Owner/Operator: Not reported Operation Type: Not reported Outrie Site Priority: Not reported Not reported Velis Affected Y/N: N Samples Include: 3 S Minute Quad: 3 S Minute Quad: 3 S Minute Quad: 4 Heines Not reported Last Modified: Not reported NOR Issued: Not reported Source Code: Not reported NOR Issued: Not reported NOR Issued: Not reported NOR Issued: Not reported Source Not Not reported NOR Issued: Not reported NOR Issued: Not reported NOR Issued: Not reported Source Not Not reported NOR Issued: Not reported NO			
Error Code: N Valid: Failse Lat/Long: 360105 785605 Lat/Long Decimal: 0 Testila: Not reported Regional Officer Projeect Mg: MRP Regional Officer Projeect Mg: MRP Company: Not reported Company: Not reported Contact Person: VolktNOWN Telephone: Not reported RP Address: Not reported RP City,SLZpi: Not reported Connuer: MULTPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC: #S 3533, S31, COUCH OIL S 5 Min Quad: H43v PIF: Facility Id: Facility Id: S458 Date Occurred: 1994-02-28 00:00:00 Date Reported: 1994-02-28 00:00:00 Owmer/Operator: UNKNOWN Owmer/Operator: Not reported Operation: 1 Stile Priority:			
Valid:FalseLat/Long Decimal:0Testiat:NotreportedRegional Officer Prejoce Wg::NaTeportedRegional Officer Prejoce Wg::NatreportedCompany:Valt ReportedContact Person:UNKNOWNTelephone:Not reportedRP County:Not reportedRP County:Not reportedRP County:Not reportedRP County:Not reportedRP County:Not reportedComments:MULTPLES COURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEENot.#S 5333, 5331, COUCH OILNot reportedS Min Quad:H45/*PIRF:1989-04-26 00:00:00Date Reported:1989-02-26 00:00:00Date Reported:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operation:100002-00Owner/Operatio:100002-00Own	5		
Lat/Long:300'bLat/Long Decima:0Testia:Not reportedRegional Officer Project Mg:RaheighCompany:Not reportedCompany:VinteportedCompany:Not reportedCompany:Not reportedRef Address:Not reportedRP Address:Not reportedRP County:Not reportedRP County:Not reportedRP County:Not reportedComments:MULTIPLE SULINCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 5333, 5331, COUCH OIL5 Min Quad:H43vPIRF:1989-04-25 00:00:00Date Reported:1989-04-25 00:00:00Date Reported:1989-04-25 00:00:00Date Reported:1989-04-25 00:00:00Description Of Incident:1989-04-25 00:00:00Ownership:Vint reportedOwnership:Vint reportedOwnership:Not reportedSi			
Lat/Log Decimal: 0 Testlat: Not reported Regional Officer Project Mgr: MRP Region: Raleigh Company: Not reported Company: Not reported Contact Person: UNKNOWN Telephone: Not reported RP City,St,Zip: Not reported RP County: Not reported Comments: MULTIPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE InC.#5 S333, S331, COUCH OIL 5458 Date Occurred: 1989-04-25 00:00:00 Date Reported: 1989-04-25 00:00:00 Description Of Incident: TELEPHONE CO, UNCOVERED STORM SEWER LINE JOINT AND FOUND GASOLINE CONTAMINATION. Owner/Operator: Owner/Operator: UNKNOWN Ownership: Not reported Type: 3 Location: 1 Site Priority: 65 Priority Update: Not reported Weils Affected V/N: N Samples Include: 0 Ownership: Not reported Coccorred: 1 Site Pr			-
Testiat: Not reported Regional Officer Project Mgr. MRP Regional Officer Project Mgr. Not reported Cornay: Not reported Contact Person: UNKNOWN Telephone: Not reported RP Address: Not reported RP Address: Not reported RP City,SLZIp: Not reported RP County: Not reported Comments: MULTIPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 5333, 5331, COUCH OIL Not reported Comments: MULTIPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 5333, 5331, COUCH OIL Not reported PIRF: Facility Id: Facility Id: 5458 Date Occurred: 1989-04-25 00:00:00 Date Reported: 1989-04-25 00:00:00 Date Reported: 1989-04-25 00:00:00 Description Of Incident: TELEPHONE COUNTAINNATION. Ownership: VINKNOWN Ownership: Not reported Ownership: Not reported Priority Update: Not reported Priority Update: Not reported Priority Update: Not reported Samples Include: 3 Source Code: Not reported <th>•</th> <th></th> <th>5</th>	•		5
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Telephone: Not reported RP Address: Not reported RP County: Not reported Comments: MULTIPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 5333, 5331, COUCH OIL INC 5 Min Quad: H43* PIRF: Facility Id: 5458 Date Occurred: 1989-04-25 00:00:00 Date Reported: 1989-04-25 00:00:00 Description Of Incident: TELEPHONE CO. UNCOVERED STORM SEWER LINE JOINT AND FOUND GASOLINE Conver/Operator: UNKNOWN Owner/Operator: UNKNOWN Owner/Ship: Not reported Owner/Dipte: Not reported Type: 3 Location: 1 Stile Priority: 65 Priority Update: Not reported Weils Affected Y/N: Not reported Weils Affected Y/N: Not reported Succe Code: Pri Priority Update: Not reported Source Code: Pri Er Type: Not reported Source Code: Pri Last Modified: 201-05-03 00:00:00 Incident Phase: Cols-03 00:00:00 Incident Phase: Cols-03 00:00:00 Incident Phase: </th <th></th> <th></th> <th>•</th>			•
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RP County: Not reported Comments: MULTIPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 533, 533, 533, 533, 500000 5 Min Quad: H43v PIRF: Facility Id: 5458 Date Occurred: 1989-04-25 00:00:00 Date Occurred: 1999-04-26 00:00:00 Date Peported: 1999-04-26 00:00:00 Description Of Incident: TELEPHONE CO. UNCOVERED STORM SEWER LINE JOINT AND FOUND GASOLINE CONTAMINATION. Owner/Operator: UNKNOWN Ownership: Not reported Operation Type: Not reported Type: 3 Loccation: 1 Ste Priority: Not reported Wells Affected Y/N: N Samples Include: 0 Surce Code: Not reported Release Code: Not reported Source Code: Not reported Source Code: Not reported Cause: Not reported Source: Not reported Last Modified: 2001-05-03 00:00.00 Incident Phase: Coded Out NOV Issued: Not reported NORP Issued: Not reported As Day Report: Not reported	RP Address:		Not reported
Comments: MULTIPLE SOURCES IMPACTED GTE PHONE LINE AT CREEK UNDER STREET, SEE INC.#S 533, 5331, COUCH OIL 5 Min Quad: H43v PIRF: Facility Id: 5458 Date Occurred: 1989-04-25 00:00:00 Date Reported: 1990-02-26 00:00:00 Description Of Incident: TELEPHONE CO. UNCOVERED STORM SEWER LINE JOINT AND FOUND GASOLINE CONTAMINATION. Owner/Operator: UNKNOWN Ownership: Not reported Type: 3 Location: 1 Site Priority: 65 Priority Update: Not reported Wells Affected Y/N: N Samples Include: 0 7#5 Minute Quad: 1 Site Priority: 65 Priority Update: Not reported Release Code: Not reported Release Code: Not reported Source Code: Pirf Err Type: Not reported Gause: Not reported Source Code: Not reported Cource: Not reported Source: Not reported Source: Not reported	RP City,St,Zip:		Not reported
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NORR Issued:Not reported45 Day Report:Not reported			
45 Day Report: Not reported			•
Public weeting Hela: Not reported			
	Public Meeting Held:		

Database(s)

EDR ID Number EPA ID Number

S101404128

GEORGIA STREET - GTE (Continued)

Corrective Action Planned:
SOC Signed:
Reclassification Report:
RS Designation:
Closure Request Date:
Close-out Report:

Not reported
Not reported
Not reported
Not reported
Not reported
1989-06-06 00:00:00

IMD:

2023 ft.

Relative: Lower

Actual:

385 ft.

Region:	RAL
Facility ID:	12651
Date Occurred:	8/23/1993
Submit Date:	8/15/1994
GW Contam:	No Groundwater Contamination detected
Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF UST, SOIL CONTAM. WAS CONFIRMED.
Operator:	Not reported
Contact Phone:	Not reported
Owner Company:	THE CITY OF DURHAM
	:101 CITY HALL PLAZA
Operator City:	DURHAM
	DURHAM, NC 27701-
Ownership:	Municipal
Operation:	Public Service
Material:	DIESEL
Qty Lost 1:	Not reported
Qty Recovered 1:	
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Risk Site:	Not reported
Site Priority:	Not reported
Priority Code:	Not reported
Priority Update: Dem Contact:	Not reported MRP
Wells Affected:	
Num Affected:	Not reported 0
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	•
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Latitude Number:	Not reported
Longitude Numbe	r: Not reported
Latitude Decimal:	Not reported
Longitude Decima	al: Not reported
GPS:	NOD
Agency:	DWM
Facility ID:	12651
Last Modified:	9/14/1994

IMD S101524830 LUST N/A

Database(s)

EDR ID Number EPA ID Number

DURHAM FIRE STATION #2 (Continued)

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:	8/4/1994

Region:	BAL
Facility ID:	8225
Date Occurred:	12/29/1989
Submit Date:	6/16/1992
GW Contam:	No Groundwater Contamination detected
Soil Contam:	Yes
Incident Desc:	CONTAMINATION FOUND AFTER UST REMOVAL
Operator:	CITY OF DURHAM
Contact Phone:	9195604132
	PURCHASING DIVISION
	S:101 CITY HALL PLAZA
Operator City:	DURHAM
Oper City,St,Zip:	
Ownership:	Municipal
Operation:	Public Service
Material:	DIESEL
Qty Lost 1:	Not reported
Qty Recovered 1:	
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:	STA
Wells Affected:	Not reported
Num Affected:	0
Wells Contam:	Not reported
Sampled By:	Not reported
Samples Include:	
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Latitude Number:	
Longitude Numbe	•
Latitude Decimal:	•
Longitude Decima	1
GPS:	NOD
Agency:	DWM
Facility ID:	8225
Last Modified:	3/3/1999

Database(s)

EDR ID Number EPA ID Number

DURHAM FIRE STATION #2 (Continued)

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:	6/5/1992

LUST:

031.		
Facility ID:	0-015879	
UST Number:	RA-2090	
Incident Number:	12651	
Contamination Type:		Soil
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	1994-02-09 00	:00:00
Date Occur:	1993-08-23 00	:00:00
Cleanup:	Not reported	
Closure Request:	Not reported	
Close Out:	1994-08-05 00	:00:00
Level Of Soil Cleanup A	Achieved:	Not reported
Tank Regulated Status		Regulated
# Of Supply Wells:	0	0
Commercial/NonComm	ercial UST Site:	COMMERCIAL
Risk Classification:		Not reported
Risk Class Based On F	leview:	Not reported
Corrective Action Plan	Type:	Not reported
NOV Issue Date:	Not reported	·
NORR Issue Date:	Not reported	
Site Priority:	0	
Phase Of LSA Reg:	Not reported	
Site Risk Reason:	Not reported	
Land Use:	Not reported	
MTBE:	No	
MTBE1:	No	
Flag:	No	
Flag1:	No	
LUR Filed:	Not reported	
Release Detection:	0	
Current Status:	File Located in	Archives
RBCA GW:	Not reported	
PETOPT:	3	
RPL:	False	
CD Num:	45	
Reel Num:	105	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	N	
Valid:	False	
Lat/Long:	Not reported	
Lat/Long Decimal:	00	
3		

Cleanup:

Not reported

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

DURHAM FIRE STATION #2	(Continued)	s
Testlat: Regional Officer Project Region: Company: Contact Person: Telephone: RP Address: RP City,St,Zip: RP County: Comments: 5 Min Quad:	Not reported Mgr: Not reported Not reported	MRP Raleigh THE CITY OF DURHAM Not reported Not reported 101 CITY HALL PLAZA DURHAM, NC 27701- Not reported
PIRF:		
Facility Id: Date Occurred: Date Reported: Description Of Incident: Owner/Operator: Ownership: Operation Type: Type: Location:		12651 1993-08-23 00:00:00 1994-08-15 00:00:00 UPON REMOVAL OF UST, SOIL CONTAM. WAS CONFIRMED. Not reported 1 1 3 1
Site Priority:		Not reported
Priority Update:		Not reported
Wells Affected Y/N:		Not reported
Samples Include: 7#5 Minute Quad:		0 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:		1994-09-14 00:00:00
Incident Phase:		Closed Out
NOV Issued:		Not reported
NORR Issued:		Not reported
45 Day Report: Public Meeting Held:		Not reported Not reported
Corrective Action Plann	ed [.]	Not reported
SOC Signed:	cu.	Not reported
Reclassification Report:		Not reported
RS Designation:		Not reported
Closure Request Date:		Not reported
Close-out Report:		1994-08-04 00:00:00
Facility ID: UST Number: Incident Number: Contamination Type:	0-015879 RA-1290 8225	Soil
Source Type:	Leak-undergro	
Product Type:	PETROLEUM	
Date Reported:	1990-01-18 00	
Date Occur:	1989-12-29 00	
	NI - A	

Database(s)

EDR ID Number EPA ID Number

DURHAM FIRE STATION #2 (Continued)

Closure Request: Close Out: Level Of Soil Cleanup A Tank Regulated Status:	Not reported 1992-06-05 00: chieved:	00:00 Not reported Regulated
# Of Supply Wells: Commercial/NonComme Risk Classification: Risk Class Based On Re Corrective Action Plan T NOV Issue Date:	eview:	COMMERCIAL Not reported Not reported Not reported
NORR Issue Date: Site Priority: Phase Of LSA Req: Site Risk Reason:	Not reported 0 Not reported Not reported	
Land Use: MTBE: MTBE1:	Not reported No Unknown	
Flag: Flag1: LUR Filed: Release Detection:	No No Not reported 0	
Current Status: RBCA GW: PETOPT:	File Located in Not reported 3	Archives
RPL: CD Num: Reel Num:	False 44 103	
RPOW: RPOP: Error Flag: Error Code:	False False 0 N	
Valid: Lat/Long: Lat/Long Decimal:	False Not reported 0 0	
Testlat: Regional Officer Project Region: Company:	Not reported Mgr:	STA Raleigh PURCHASING DIVISION
Contact Person: Telephone: RP Address: RP City,St,Zip:		CITY OF DURHAM 9195604132 101 CITY HALL PLAZA DURHAM, NC 27701-
RP County: Comments: 5 Min Quad:	Not reported Not reported	Not reported
RF: Facility Id: Date Occurred:		8225 1989-12-29 00:00:00
Date Reported: Description Of Incident: Owner/Operator: Ownership:		1992-06-16 00:00:00 CONTAMINATION FOUND AFTER UST REMOVAL CITY OF DURHAM
Operation Type: Type: Location: Site Priority:		1 3 1 Not reported
Priority Update:		Not reported

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

DURHAM FIRE STATION #2 (Continued)

Not reported 0 Not reported Not reported Not reported Min_Soil Not reported
Not reported Not reported Not reported
1999-03-03 00 Closed Out Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported 1992-06-05 00

Not reported
Not reported
Not reported
1999-03-03 00:00:00
Closed Out
Not reported
1992-06-05 00:00:00

S101524830

IMD \$103131698

28 NNW 1/4-1/2 0.413 mi. 2182 ft.	GREENE PROPERTY, 1007 HALE ST. DURHAM, NC	DAYLON	IMD LAST	S10313169 N/A
Relative:	IMD:			
Higher	Region:	RAL		
Actual:	Facility ID: Date Occurred:	16714 12/19/1996		
412 ft.	Submit Date:	6/13/2003		
	GW Contam:	No data entered (data entry person submitted a blank field		
	Soil Contam:	Not reported		
	Incident Desc:	HUSBAND:DAYLON GREENE(910)789-9051, OTHER OWNER:7 SAGE ST., NY 14830	CORNI	۱G,
	Operator:	GREENE & DALTON CATES, CAROLYN		
	Contact Phone:	919-786-1426		
	Owner Company:			
		:317 HERING ST.		
	Operator City:	MT. AIRY		
		MT. AIRY, NC 919-786-1426		
	Ownership:	Federal		
	Operation:	Industrial		
	Material:	Not reported		
	Qty Lost 1: Qty Recovered 1:	Not reported		
	Source:	Dredge Spoil		
	Type:	Heating Oil		
	Location:	Not reported		
	Setting:	Not reported		
	Risk Site:	Not reported		
	Site Priority:	10		
	Priority Code:	E		

Database(s)

EDR ID Number EPA ID Number

LAST:

Facility ID:	N/A	
UST Number:	RA-16714	
Incident Number:	16714	
Contamination Type:		SL
Source Type:	14	
Product Type:	Р	
Date Reported:	1996-12-19 00	:00:00
Date Occur:	1996-12-09 00	:00:00
Cleanup:	1996-12-19 00	:00:00
Closure Request:	Not reported	
Close Out:	Not reported	
Level Of Soil Cleanup A	chieved:	Not reported
Tank Regulated Status:		Ν
# Of Supply Wells:	0	
Commercial/NonCo	ercial UST Site:	Ν
Risk Classification:		Not reported
Risk Class Based On R	eview:	U
Corrective Action Plan	Гуре:	Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	Not reported	
Site Priority:	10	
Phase Of LSA Req:	Not reported	
Site Risk Reason:	Not reported	
Land Use:	Not reported	

Database(s)

EDR ID Number **EPA ID Number**

S103131698

GREENE PROPERTY, DAYLON (Continued)

MTBE: No MTBE1: No Flag: No Flag1: No LUR Filed: Not reported Release Detection: 0 Current Status: С **RBCA GW:** Not reported PETOPT: 4 RPL: False CD Num: 0 Reel Num: 0 **RPOW:** False RPOP: False Error Flag: 0 Error Code: Not reported Valid: False Lat/Long: 36 0 49.92 78 55 36.96 Lat/Long Decimal: 36.01388800000001 78.92694400000006 Testlat: Not reported Regional Officer Project Mgr: JFM RAL Region: Company: Not reported Contact Person: **CAROLYN GREENE & DALTON CATES** Telephone: 9194191200 RP Address: 317 HERING ST. RP City,St,Zip: MT. AIRY, NC 27030 **RP** County: Not reported HUSBAND: DAYLON GREENE(910)789-9051, OTHER OWNER:7 SAGE ST., CORNING, Comments: NY 14830 5 Min Quad: Not reported

29 **HIGHSMITH TRUST** North **1028 CAROLINA AVENUE** 1/4-1/2 **DURHAM, NC**

0.428 mi. 2261 ft.

Relative:	LUST:		
Lower	Facility ID:	N/A	
	UST Number:	RA-5916	
Actual:	Incident Number:	33468	
405 ft.	Contamination Type:		Soil
	Source Type:	Leak-undergro	ound
	Product Type:	PETROLEUM	
	Date Reported:	2008-02-22 00	0:00:00
	Date Occur:	2008-02-18 00	0:00:00
	Cleanup:	Not reported	
	Closure Request:	Not reported	
	Close Out:	2008-02-28 00):00:00
	Level Of Soil Cleanup	Achieved:	Soil to Groundwater
	Tank Regulated Status	:	Non Regulated
	# Of Supply Wells:	0	•
	Commercial/NonComm	nercial UST Site:	NON COMMERCIAL
	Risk Classification:		L
	Risk Class Based On F	Review:	L
	Corrective Action Plan	Type:	Not reported
	NOV Issue Date:	Not reported	•

LUST S108966485 LUST TRUST N/A

Database(s)

EDR ID Number EPA ID Number

HIGHSMITH TRUST (Continued)

NORR Issue Date:	Not reported	
Site Priority:	Not reported	
Phase Of LSA Req:	Not reported	
Site Risk Reason:	Not reported	
Land Use: MTBE:	Residential No	
MTBE: 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:	False	
CD Num:	0	
Reel Num:	0	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	N	
Valid:	False	EE 20.70
Lat/Long: Lat/Long Decimal:	36 0 52.56 78	000002 78.925201000000001
Testlat:	Not reported	000002 70.92320 100000000 1
Regional Officer Projec	•	CED
Region:		Raleigh
Company:		G. R. Highsmith Trust
Contact Person:		George S. Highsmith
Telephone:		2298947333
RP Address:		374 Church Street NE
RP City,St,Zip:		Dawson, GA 39842
RP County:		Not reported
Comments:		Hour release reporting form submitted CED ////
	Not reported	
		Day rpt submitted by SSE: Release discovered following
)-gal HO UST on 02/18/08. Approx. 25 tons impacted soil ding Data CED ////
		al Abatement action rpt
		SE: 26.96 tons impacted soil removed. No Bedrock or GW
		Sidewall samples BDL. Recommends NFA CED ////
	02/28/08 -	•
	NFA issued	CED ////
5 Min Quad:	Not reported	
PIRF:		
Facility Id:		33468
Date Occurred:		2008-02-18 00:00:00
Date Reported:		2008-02-22 00:00:00
Description Of Incident		Release discovered following removal of 560-gal HO UST on 02/18/08.
		Approx. 25 tons impacted soil removed.
Owner/Operator:		Not reported
Ownership:		4
Operation Type:		3
Type:		4
Location: Site Priority:		7 Not reported
Priority Update:		Not reported
i nonty opuale.		Not reported

Database(s)

EDR ID Number **EPA ID Number**

S108966485

HIGHSMITH TRUST (Continued)

Wells Affected Y/N: Samples Include: 7#5 Minute Quad: 5 Minute Quad: Pirf/Min Soil: Release Code:	N Not reported Y Not reported Not reported Not reported
Source Code:	Not reported
Err Type:	2
Cause:	3
Source:	Α
Ust Number:	Р
Last Modified: Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held: Corrective Action Planned: SOC Signed: Reclassification Report: RS Designation: Closure Request Date: Close-out Report:	2008-02-28 00:00:00 Closed Out Not reported Not reported

LUST TRUST: Facility ID:

Site ID:

Site Note:

Site Eligible?:

Priority Rank:

Commercial Find:

Deductable Amount:

Not reported 33468 Noncommercial; 100% eligible; \$0 deductible.[CGS 7/15/08] True 100% Non-Commercial Not reported 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.

H30 NE 1/4-1/2 0.441 mi. 2328 ft.	GTE - KNOX 1807 KNOX STREET DURHAM, NC Site 1 of 2 in cluster H	I
Relative:	IMD:	
Lower	Region:	RAL
	Facility ID:	8219
Actual:	Date Occurred:	2/17/1992
368 ft.	Submit Date:	6/16/1992
	GW Contam:	No Groundwater Contamination detected
	Soil Contam:	Yes
	Incident Desc:	CONTAMINATION FOUND AFTER UST REMOVAL
	Operator:	KAREN VANN
	Contact Phone:	8132244721
	Owner Company:	GTE-SOUTH
	Operator Address	:PO BOX 110 MC 711

IMD S105895456 LUST N/A

Database(s)

EDR ID Number EPA ID Number

GTE - KNOX (Continued)

Operator City: TAMPA Oper City, St, Zip: TAMPA, FL 33601-Ownership: Private Operation: Commercial Material: DIESEL Not reported Qty Lost 1: Qty Recovered 1: Not reported Source: Leak-underground Type: Gasoline/diesel Location: Facility Urban Setting: Risk Site: Not reported Site Priority: Not reported Priority Code: Not reported Priority Update: Not reported Dem Contact: STA Not reported Wells Affected: 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 36.01361111 Latitude: -78.91944444 Longitude: Latitude Number: 360049 Longitude Number: 785510 Latitude Decimal: 36.013611111111 Longitude Decimal: 78.919444444445 GPS: NOD Agency: DWM Facility ID: 8219 Last Modified: 3/3/1999 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 6/5/1992 Close-out Report:

LUST:

Facility ID:	0-031622
UST Number:	RA-1284
Incident Number:	8219
Contamination Type:	Soil
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	1992-04-14 00:00:00
Date Occur:	1992-02-17 00:00:00
Cleanup:	Not reported
Closure Request:	Not reported

Database(s)

EDR ID Number EPA ID Number

GTE - KNOX (Continued)

	. ,		
	Close Out:	1992-06-05 00	:00:00
	Level Of Soil Cleanup A	chieved:	Not reported
	Tank Regulated Status:		Regulated
	# Of Supply Wells:	0	Ŭ
	Commercial/NonComme	ercial UST Site:	COMMERCIAL
	Risk Classification:		Not reported
	Risk Class Based On Re	aviow.	Not reported
	Corrective Action Plan T		Not reported
			Not reponed
	NOV Issue Date:	Not reported	
	NORR Issue Date:	Not reported	
	Site Priority:	0	
	Phase Of LSA Req:	Not reported	
	Site Risk Reason:	Not reported	
	Land Use:	Not reported	
	MTBE:	No	
	MTBE1:	Unknown	
	Flag:	No	
	Flag1:	No	
	LUR Filed:	Not reported	
	Release Detection:	0	
	Current Status:	File Located in	Archives
	RBCA GW:	Not reported	
	PETOPT:	3	
	RPL:	False	
	CD Num:	44	
	Reel Num:	103	
	RPOW:	False	
	RPOP:	False	
	Error Flag:	0	
	Error Code:	N	
	Valid:	False	
	Lat/Long:	360049 78551	0
	Lat/Long Decimal:	00	
	Testlat:	Not reported	
	Regional Officer Project	Mgr:	STA
	Region:		Raleigh
	Company:		GTE-SOUTH
	Contact Person:		KAREN VANN
	Telephone:		8132244721
	RP Address:		PO BOX 110 MC 711
	RP City,St,Zip:		TAMPA, FL 33601-
	RP County:		Not reported
	Comments:	Not reported	
	5 Min Quad:	Not reported	
		·	
Ы	RF:		
	Facility Id:		8219
	Date Occurred:		1992-02-17 00:00:00
	Date Reported:		1992-06-16 00:00:00
	Description Of Incident:		CONTAMINATION FOUND AFTER UST REMOVAL
	Owner/Operator:		Not reported
	Ownership:		4
	Operation Type:		6
	Туре:		3
	Location:		1
	Site Priority:		Not reported
	Priority Update:		Not reported
	Wells Affected Y/N:		Not reported
			and the second

Database(s)

EDR ID Number EPA ID Number

S105895456

GTE - KNOX (Continued)

Samples Include: 7#5 Minute Quad: 5 Minute Quad: Pirf/Min Soil: Release Code: Source Code: Err Type: Cause: Source: Ust Number:

Last Modified: Incident Phase: NOV Issued: NORR Issued: 45 Day Report: Public Meeting Held: Corrective Action Planned: SOC Signed: Reclassification Report: RS Designation: Closure Request Date: Close-out Report:

Not reported Not reported Not reported Min_Soil Not reported Not reported Not reported Not reported 1999-03-03 00:00:00 **Closed Out** Not reported Not reported Not reported Not reported

0

Not reported 1992-06-05 00:00:00

31 SEVEN ELEVEN STORE PROPERTY # 1054-11944 WNW 609 TRENT DRIVE 1/4-1/2 DURHAM, NC 27705 0.457 mi. 2413 ft.

Relative:	LUST:		
Higher	Facility ID:	0-015486	
•	UST Number:	RA-5912	
Actual:	Incident Number:	33466	
419 ft.	Contamination Type:		Groundwater/Both
	Source Type:	Leak-undergro	ound
	Product Type:	PETROLEUM	
	Date Reported:	2008-02-20 00):00:00
	Date Occur:	2006-06-28 00):00:00
	Cleanup:	2006-06-28 00):00:00
	Closure Request:	Not reported	
	Close Out:	2008-09-03 00):00:00
	Level Of Soil Cleanup	Achieved:	Soil to Groundwater
	Tank Regulated Status	:	Regulated
	# Of Supply Wells:	0	
	Commercial/NonComm	nercial UST Site:	COMMERCIAL
	Risk Classification:		L
	Risk Class Based On I	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	

LUST S108966483 N/A

Database(s)

EDR ID Number EPA ID Number

SEVEN ELEVEN STORE PROPERTY # 1054-11944 (Continued)			
Flag1:	No		
LUR Filed:	2008-10-01 00:00:00		
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:	False		
RPOP:	False		
Error Flag:	0		
Error Code:	N		
Valid:	False		
Lat/Long:	36 0 39.54 78 55 53.58		
Lat/Long Decimal:	36.01099700000003 78.93156600000004		
Testlat:	Not reported		
Regional Officer Project	Mar: JFM		
Region:	Raleigh		
Company:	Not reported		
Contact Person:	Joseph Galas		
Telephone:	9194751943		
RP Address:	1210 Alabama Avenue		
RP City,St,Zip:	Durham, NC 27705		
RP County:	Not reported		
Comments:	USTs removed some time in the past (< 2006). 02/25/2008, JFM///		
5 Min Quad:	Not reported		
PIRF:	00400		
Facility Id: Date Occurred: Date Reported: Description Of Incident: Owner/Operator: Ownership: Operation Type: Type: Location: Site Priority: Priority Update: Wells Affected Y/N: Samples Include: 7#5 Minute Quad: 5 Minute Quad: 5 Minute Quad: Pirf/Min Soil: Release Code: Source Code: Err Type: Cause: Source: Ust Number:	33466 2006-06-28 00:00:00 2008-02-20 00:00:00 USTs removed from this site sometime in the past < 2006 Not reported 4 6 3 1 Not reported Not reported 3 3 A P		
Last Modified:	2008-09-03 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	Site

Database(s)

EDR ID Number EPA ID Number

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 Close-out Report: Not reported Close-out Report: Not reported Close-out Report: Not reported IMD S LUST 1/4-1/2 DURHAM, NC 0.460 mi. 2426 ft. Site 2 of 2 in cluster H Relative: IMD: Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	S108966483
Corrective Action Planned: Not reported SOC Signed: Not reported Reclassification Report: Not reported RS Designation: Not reported Closure Request Date: Not reported Ulast SouthGATE & SON INSURANCE (DU IMD S Lose-out Report: Not reported 1/4-1/2 DURHAM, NC 0.460 mi. IMD: Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One IK gallon heating oil UST at an office building removed along w/. 	
SOC Signed: Not reported Reclassification Report: Not reported RS Designation: Not reported Closere Request Date: Not reported Close-out Report: Not reported Close-out Report: Not reported MB SOAD STREET 1/4-1/2 DURHAM, NC 0.460 mi. 2426 ft. Site 2 of 2 in cluster H Relative: IMD: Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: Yes, Groundwater Contamination has been detected Soil Contam: Yes, Groundwater Soil. Operator: SOUTHGATE & SON INSURANCE Operator Region: SOUTHGATE & SON INSURANCE Operator SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Reclassification Report: Not reported RS Designation: Not reported Closure Request Date: Not reported Close-out Report: Not reported H32 SOUTHGATE & SON INSURANCE (DU IMD S LUST 1013 BROAD STREET LUST 1/4-1/2 DURHAM, NC LUST 0.460 mi. 2426 ft. Site 2 of 2 in cluster H Relative: IMD: Lower Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Des: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, J.R. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211 Operator Address:P.O. DRAWER 1211	
RS Designation: Not reported Closure Request Date: Not reported Close-out Report: Not reported H32 SOUTHGATE & SON INSURANCE (DU IMD NE 1013 BROAD STREET LUST 1/4-1/2 DURHAM, NC 0.460 mi. 2426 ft. Site 2 of 2 in cluster H LUST Relative: IMD: Lower Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. So tons of contaminated soil. Operator: Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Close-out Report: Not reported H32 SOUTHGATE & SON INSURANCE (DU IMD S NE 1013 BROAD STREET LUST LUST 1/4-1/2 DURHAM, NC	
H32 SOUTHGATE & SON INSURANCE (DU IMD S NE 1013 BROAD STREET LUST LUST 1/4-1/2 DURHAM, NC	
NE 1013 BROAD STREET LUST 1/4-1/2 DURHAM, NC LUST 0.460 mi. Site 2 of 2 in cluster H Site 2 of 2 in cluster H Relative: IMD: Region: Not reported Facility ID: 26589 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
NE 1013 BROAD STREET LUST 1/4-1/2 DURHAM, NC LUST 0.460 mi. Site 2 of 2 in cluster H Site 2 of 2 in cluster H Relative: IMD: Region: Not reported Facility ID: 26589 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
1/4-1/2 DURHAM, NC 0.460 mi. Site 2 of 2 in cluster H 2426 ft. Site 2 of 2 in cluster H Relative: IMD: Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	S106406513
0.460 mi. Site 2 of 2 in cluster H 2426 ft. Site 2 of 2 in cluster H Relative: IMD: Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	N/A
2426 ft. Site 2 of 2 in cluster H Relative: IMD: Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address: P.O. DRAWER 1211	
Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Lower Region: Not reported Facility ID: 26589 Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address: P.O. DRAWER 1211	
Actual: Date Occurred: 11/21/2003 371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
371 ft. Submit Date: 1/29/2004 GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
GW Contam: Yes, Groundwater Contamination has been detected Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Soil Contam: No Incident Desc: One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address: P.O. DRAWER 1211	
Incident Desc:One 1K gallon heating oil UST at an office building removed along w/. 50 tons of contaminated soil.Operator:SOUTHGATE JONES, JR.Contact Phone:9194895167Owner Company:J. SOUTHGATE & SON INSURANCEOperator Address:P.O. DRAWER 1211	
50 tons of contaminated soil. Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Operator: SOUTHGATE JONES, JR. Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Contact Phone: 9194895167 Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address:P.O. DRAWER 1211	
Owner Company: J. SOUTHGATE & SON INSURANCE Operator Address: P.O. DRAWER 1211	
Operator Address:P.O. DRAWER 1211	
•	
Operator City: DURHAM	
Oper City,St,Zip: DURHAM, NC 27702-	
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: Not reported	
Risk Site: L	
Site Priority: Not reported	
Priority Code: Not reported	
Priority Update: Not reported	
Dem Contact: MRP	
Wells Affected: Not reported	
Num Affected: Not reported	
Wells Contam: Not reported Sampled By: 6	
Sampled By. 6 Samples Include: Not reported	
7.5 Min Quad: Not reported	
5 Min Quad: Not reported	
Latitude: 36.01472222	
Longitude: -78.91972222	
Latitude Number: 360053	
Longitude Number: 785511	
Latitude Decimal: 36.014722222222	
Longitude Decimal: 78.919722222222	
GPS: 7	
Agency: DWM	
Facility ID: 26589	

Database(s)

EDR ID Number EPA ID Number

SOUTHGATE & SON INSURANCE (DU (Continued)

Last Modified:	8/17/2004
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

LUST:

001.		
Facility ID:	Not reported	
UST Number:	RA-5037	
Incident Number:	26589	
Contamination Type:		Groundwater/Both
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	2004-01-29 00	:00:00
Date Occur:	2003-11-21 00	:00:00
Cleanup:	2003-11-21 00	:00:00
Closure Request:	Not reported	
Close Out:	2004-08-17 00	:00:00
Level Of Soil Cleanup A	chieved:	Residential
Tank Regulated Status:		Non Regulated
# Of Supply Wells:	0	
Commercial/NonComm	ercial UST Site:	NON COMMERCIAL
Risk Classification:		L
Risk Class Based On R		L
Corrective Action Plan	Гуре:	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 all	ternate standards
PETOPT:	4	
RPL:	False	
CD Num:	308	
Reel Num:	206	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	Y	
Valid:	False	
Lat/Long:	360053 78551	1
5		

Database(s)

EDR ID Number EPA ID Number

SOUTHGATE & SON INSURANCE (DU (Continued)

	/Long Decimal:	0 0		
	stlat:	Not reported		
	gional Officer Project	Mgr:	MRP	
	gion:		Raleigh	
	mpany:		J. SOUTHGATE & SON INSURANCE	
	ntact Person:		SOUTHGATE JONES, JR.	
Tel	lephone:		9194895167	
RP	Address:		P.O. DRAWER 1211	
RP	City,St,Zip:		DURHAM, NC 27702-	
RP	County:		Not reported	
Co	mments:	1000 gallon hea	ating oil UST at an office bldg removed along with ~ 50	
		tons of contami	nated soil. Soil contamination above residential MSCCs	
		remainsMRP.	//pending arch	
5 N	/lin Quad:	Not reported		
PIRF:				
Fa	cility Id:		26589	
Da	te Occurred:		2003-11-21 00:00:00	
Da	te Reported:		2004-01-29 00:00:00	
De	scription Of Incident:		One 1K gallon heating oil UST at an office building removed along v	w/.
			~50 tons of contaminated soil.	
Ow	/ner/Operator:		Not reported	
Ow	/nership:		4	
Op	eration Type:		6	
Ty	pe:		4	
Loc	cation:		8	
Site	e Priority:		Not reported	
Pri	ority Update:		Not reported	
	ells Affected Y/N:		Not reported	
Sa	mples Include:		Not reported	
	5 Minute Quad:		6	
5 N	/linute Quad:		Not reported	
Pir	f/Min Soil:		Not reported	
Re	lease Code:		Not reported	
So	urce Code:		Not reported	
	Type:		2	
	use:		Not reported	
	urce:		C	
Us	t Number:		C	
	st Modified:		2004-08-17 00:00:00	
	ident Phase:		Closed Out	
	V Issued:		Not reported	
	RR Issued:		Not reported	
	Day Report:		Not reported	
	blic Meeting Held:	a de	Not reported	
	rrective Action Planne	ea:	Not reported	
	C Signed:		Not reported	
	classification Report:		Not reported	
	Designation:		Not reported	
	sure Request Date:		Not reported	
Clo	ose-out Report:		Not reported	

Database(s)

EDR ID Number EPA ID Number

I33 SSE	DUKE - ACCOUNTING 406 SWIFT AVE	6		IMD LUST	S101572306 N/A
1/4-1/2	DURHAM, NC			N/A	
0.464 mi. 2449 ft.	Site 1 of 2 in cluster I				
	IMD:				
Relative: Higher	Region:	RAL			
-	Facility ID:	8345			
Actual: 410 ft.	Date Occurred:	1/4/1991			
41011.	Submit Date:	7/6/1992	ndwater Contamination detected		
	GW Contam: Soil Contam:	Yes	iuwater Contamination detected		
	Incident Desc:		TAMINATION		
	Operator:	Not repor	-		
	Contact Phone:	9196843			
	Owner Company:				
	•		LITIES OPERATIONS		
	Operator City:	DURHAN			
	Oper City,St,Zip: Ownership:	Private	1, NC 27706-		
	Operation:		nal/Religious		
	Material:	HEATING	•		
	Qty Lost 1:	Not repor			
	Qty Recovered 1:				
	Source:	Leak-und			
	Type:	Gasoline	diesel		
	Location:	Facility			
	Setting: Risk Site:	Urban Not repor	hat the second		
	Site Priority:	Not repor			
	Priority Code:	Not repor			
	Priority Update:	Not repor			
	Dem Contact:	STA			
	Wells Affected:	Not repor	ted		
	Num Affected:	0			
	Wells Contam:	Not repor			
	Sampled By: Samples Include:	Not repor			
	7.5 Min Quad:		Not reported		
	5 Min Quad:		Not reported		
	Latitude:		36.00194444		
	Longitude:		-78.92166666		
	Latitude Number:		360007		
	Longitude Numbe Latitude Decimal:		785518		
	Longitude Decimal:		36.001944444444 78.92166666666667		
	GPS:		NOD		
	Agency:		DWM		
	Facility ID:		8345		
	Last Modified:		7/10/1992		
	Incident Phase:		Closed Out		
	NOV Issued:		Not reported		
	NORR Issued: 45 Day Report:		Not reported Not reported		
	Public Meeting He		Not reported		
	Corrective Action				
	SOC Sighned:		Not reported		
	Reclassification F		Not reported		

Database(s)

EDR ID Number EPA ID Number

DUKE - ACCOUNTING (Continued)

RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	7/6/1992

LUST:

UST:		
Facility ID:	0-016238	
UST Number:	RA-1311	
Incident Number:	8345	
Contamination Type:		Soil
Source Type:	Leak-undergro	und
Product Type:	PETROLEUM	
Date Reported:	1991-03-08 00	:00:00
Date Occur:	1991-01-04 00	
Cleanup:	Not reported	
Closure Request:	Not reported	
Close Out:	1992-06-12 00	.00.00
Level Of Soil Cleanup A		Not reported
Tank Regulated Status		Non Regulated
# Of Supply Wells:	0	Non negulated
Commercial/NonComm	-	
Risk Classification:	ercial 031 Sile.	
		Not reported
Risk Class Based On R		Not reported
Corrective Action Plan		Not reported
NOV Issue Date:	Not reported	
NORR Issue Date:	Not reported	
Site Priority:	0	
Phase Of LSA Req:	Not reported	
Site Risk Reason:	Not reported	
Land Use:	Not reported	
MTBE:	No	
MTBE1:	Unknown	
Flag:	No	
Flag1:	No	
LUR Filed:	Not reported	
Release Detection:	0	
Current Status:	File Located in	Archives
RBCA GW:	Not reported	
PETOPT:	4	
RPL:	False	
CD Num:	44	
Reel Num:	102	
RPOW:	False	
RPOP:	False	
Error Flag:	0	
Error Code:	N	
Valid:	False	
Lat/Long:	360007 78551	8
Lat/Long Decimal:	0 0	
Testlat:	Not reported	
Regional Officer Projec	t Mgr:	STA
Region:		Raleigh
Company:		DUKE UNIVERSITY
Contact Person:		Not reported
Telephone:		9196843611
RP Address:		200 FACILITIES OPERATIONS
RP City,St,Zip:		DURHAM, NC 27706-

Database(s)

EDR ID Number EPA ID Number

S101572306

DUKE - ACCOUNTING (Continued)

RP County: Comments: 5 Min Quad:	Not reported Not reported	Not reported
IRF:	Not reported	
Facility Id:		8345
Date Occurred:		1991-01-04 00:00:00
Date Reported:		1992-07-06 00:00:00
Description Of Incident:		UST CONTAMINATION
Owner/Operator:		Not reported
Ownership:		4
Operation Type:		4
Туре:		4
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:		1992-07-10 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 Plann	ed:	Not reported
SOC Signed:		Not reported
Reclassification Report:		Not reported
RS Designation:		Not reported
Closure Request Date:		Not reported
Close-out Report:		1992-07-06 00:00:00

I34 SSE 1/4-1/2 0.465 mi.	DUKE - PLANT ACCOUNTING 408 SWIFT AVENUE DURHAM, NC			
2456 ft.	Site 2 of 2 in cluster l			
Relative:	IMD:			
Higher	Region:	RAL		
Astual	Facility ID:	26158		
Actual:	Date Occurred:	1/4/1991		
410 ft.	Submit Date:	3/8/1991		
	GW Contam:	No Groundwater Contamination detected		
	Soil Contam:	Yes		
	Incident Desc:	One 500 gal heating oil UST removed on 1/4/91. Max TPH was 28 ppm DRO.		
	Operator:	RANDY STRICKLAND		
	Contact Phone:	9196843611		

IMD S105895710 LUST N/A

Database(s)

EDR ID Number EPA ID Number

S105895710

DUKE - PLANT ACCOUNTING (Continued)

Owner Company: DUKE UNIVERSITY Operator Address:200 FACILITIES CENTER Operator City: DURHAM Oper City, St, Zip: DURHAM, NC 27706-Ownership: Private Operation: Educational/Religious Material: Not reported Qty Lost 1: Not reported Qty Recovered 1: Not reported Source: Leak-underground Gasoline/diesel Type: Facility Location: Not reported Setting: **Risk Site:** Not reported Site Priority: Not reported Priority Code: Not reported Priority Update: Not reported Dem Contact: STA Wells Affected: No Not reported Num Affected: Not reported Wells Contam: Sampled By: Y Samples Include: Not reported 7.5 Min Quad: Not reported 5 Min Quad: Not reported Latitude: 36.00194444 -78.92166666 Longitude: Latitude Number: 360007 785518 Longitude Number: Latitude Decimal: 36.001944444444 Longitude Decimal: 78.9216666666667 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 Not reported **RS** Designation: Closure Request Date: Not reported Close-out Report: Not reported

LUST:

Facility ID:	Not reported
UST Number:	RA-4328
Incident Number:	26158
Contamination Type:	Soil
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	1991-03-08 00:00:00
Date Occur:	1991-01-04 00:00:00

Database(s) EDR ID

EDR ID Number EPA ID Number

DUKE - PLANT ACCOUNTING (Continued)

Cleanup: Not reported **Closure Request:** Not reported Close Out: 1991-06-05 00:00:00 Level Of Soil Cleanup Achieved: Not reported Non Regulated Tank Regulated Status: # Of Supply Wells: 0 Commercial/NonCommercial UST Site: NON COMMERCIAL **Risk Classification:** Not reported Risk Class Based On Review: Not reported Corrective Action Plan Type: Not reported NOV Issue Date: Not reported Not reported NORR Issue Date: Not reported Site Priority: Phase Of LSA Reg: Not reported Not reported Site Risk Reason: Land Use: Not reported MTBE: No MTBE1: Unknown Flag: No Flag1: No LUR Filed: Not reported Release Detection: 0 Current Status: File Located in Archives **RBCA GW:** Not reported PETOPT: 4 RPL: False CD Num: 44 Reel Num: 102 **RPOW:** False RPOP: False Error Flag: 0 Error Code: Ν Valid: False 360007 785518 Lat/Long: Lat/Long Decimal: 00 Testlat: Not reported Regional Officer Project Mgr: STA Region: Raleigh DUKE UNIVERSITY Company: Contact Person: RANDY STRICKLAND Telephone: 9196843611 **RP** Address: 200 FACILITIES CENTER RP City,St,Zip: DURHAM, NC 27706-**RP** County: Not reported Comments: Not reported 5 Min Quad: Not reported PIRF: Facility Id: 26158 Date Occurred: 1991-01-04 00:00:00 Date Reported: 1991-03-08 00:00:00 **Description Of Incident:** One 500 gal heating oil UST removed on 1/4/91. Max TPH was 28 ppm DRO. Owner/Operator: Not reported Ownership: 4 4 **Operation Type:** Type: 4 Location: 1

S105895710

Database(s)

EDR ID Number EPA ID Number

DUKE - PLANT ACCOUNTING (Continued)

Site Priority: Priority Update: Wells Affected Y/N: Samples Include: 7#5 Minute Quad: 5 Minute Quad: Pirf/Min Soil: Release Code: Source Code: Err Type: Cause: Source: Ust Number:	Not reported Not reported Y Not reported Not reported Not reported Not reported 2 Not reported C 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

35 NW 1/4-1/2 0.498 mi. 2630 ft.	MERCHANTS TIRE & AUTO #020 2720 HILLSBOROUGH RD DURHAM, NC 27705	003	RCRA-CESQG FINDS IMD LUST	1000535975 NCD986193084
Relative: Higher Actual: 421 ft.	RCRA-CESQG: Date form received by agence Facility name: Facility address: EPA ID: Mailing address: Contact: Contact country: Contact country: Contact telephone: Contact telephone: Contact telephone: Contact email: EPA Region: Land type: Classification: Description:	y: 03/06/1996 MERCHANTS TIRE & AUTO #02003 2720 HILLSBOROUGH RD DURHAM, NC 27705 NCD986193084 EUCLID AVENUE MANASSAS, VA 20110 CHARLES REGAN 2720 HILLSBOROUGH RD DURHAM, NC 27705 US (703) 368-7783 Not reported 04 Private Conditionally Exempt Small Quantity Generator Handler: generates 100 kg or less of hazardous waste p month, and accumulates 1000 kg or less of hazardous waste pe	aste at any time;	
		month, and accumulates at any time: 1 kg or less of acut waste; or 100 kg or less of any residue or contaminated other debris resulting from the cleanup of a spill, into or o land or water, of acutely hazardous waste; or generates of any residue or contaminated soil, waste or other debri	tely hazardous soil, waste or on any 100 kg or less	

EDR ID Number Database(s) **EPA ID Number**

MERCHANTS TIRE & AUTO #02003 (Continued) 1000535975 from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste Owner/Operator Summary: Owner/operator name: MERCHANTS ASSOC LTD Owner/operator address: 9073 EUCLID AVE MANASSAS, VA 20110 Owner/operator country: Not reported Owner/operator telephone: (703) 368-7783 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported Handler Activities Summary: U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No Hazardous Waste Summary: Waste code: D000 Not Defined Waste name: Waste code: D001 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE. Waste code: D008 Waste name: LEAD D018 Waste code: BENZENE Waste name: Waste code: D039 **TETRACHLOROETHYLENE** Waste name:

Database(s)

EDR ID Number EPA ID Number

MERCHANTS TIRE & AUTO #02003 (Continued)

Ownership:

Operation:

. Material: Private

OIL

Commercial

Violation Status:	Ν	lo violations found
Evaluation Action Summa Evaluation date: Evaluation: Area of violation: Date achieved complia Evaluation lead agency	1 C N Ince: N	0/09/1997 COMPLIANCE ASSISTANCE VISIT lot reported lot reported State
Evaluation date: Evaluation: Area of violation: Date achieved complia Evaluation lead agency	C N Ince: N	2/28/1996 COMPLIANCE ASSISTANCE VISIT lot reported lot reported State
Evaluation date: Evaluation: Area of violation: Date achieved complia Evaluation lead agency	C N Ince: N	7/13/1995 COMPLIANCE EVALUATION INSPECTION ON-SITE lot reported lot reported State
Evaluation date: Evaluation: Area of violation: Date achieved complia Evaluation lead agency	C N Ince: N	2/23/1992 COMPLIANCE EVALUATION INSPECTION ON-SITE lot reported lot reported State
FINDS:		
Registry ID:	1100040	45499
Con ever and prog	AInfo is a servation hts and ac treat, stor ram staff	on System a national information system that supports the Resource and Recovery Act (RCRA) program through the tracking of trivities related to facilities that generate, transport, re, or dispose of hazardous waste. RCRAInfo allows RCRA to track the notification, permit, compliance, and ion activities required under RCRA.
Submit Date: 7/6/ GW Contam: No C	3 /1992 1992	ter Contamination detected
Operator: CHA Contact Phone: 703 Owner Company: MEF Operator Address:907	ARLES RE 3683171 RCHANTS 3 EUCLID NASSAS	S TIRE & AUTO AVE

Database(s)

EDR ID Number EPA ID Number

MERCHANTS TIRE & AUTO #02003 (Continued)

Qty Lost 1: Not reported Qty Recovered 1: Not reported Material: GREASE Qty Lost: Not reported Qty Recovered: Not reported Leak-underground Source: Gasoline/diesel Type: Location: Facility Setting: Urban **Risk Site:** Not reported Site Priority: Not reported Priority Code: Not reported Priority Update: Not reported Dem Contact: STA 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 36.01194444 Latitude: Longitude: -78.93027777 Latitude Number: 360043 Longitude Number: 785549 Latitude Decimal: 36.011944444444 Longitude Decimal: 78.930277777778 GPS: NOD Agency: DWM Facility ID: 8353 Last Modified: 7/10/1992 Incident Phase: Closed Out NOV Issued: Not reported NORR Issued: Not reported Not reported 45 Day Report: Public Meeting Held: Not reported Corrective Action Planned: Not reported SOC Sighned: Not reported **Reclassification Report:** Not reported **RS** Designation: Not reported Not reported Closure Request Date: Close-out Report: 7/6/1992

LUST:

Facility ID:	Not reported
UST Number:	RA-1319
Incident Number:	8353
Contamination Type:	Soil
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	1992-03-19 00:00:00
Date Occur:	1992-01-23 00:00:00
Cleanup:	Not reported
Closure Request:	Not reported
Close Out:	1992-06-25 00:00:00
Level Of Soil Cleanup A	Achieved: Not reported

1000535975

EDR ID Number EPA ID Number

Database(s)

MERCHANTS TIRE & AUTO #02003 (Continued)

Tank Regulated Status: Regulated # Of Supply Wells: 0 Commercial/NonCommercial UST Site: COMMERCIAL **Risk Classification:** Not reported Risk Class Based On Review: Not reported Corrective Action Plan Type: Not reported Not reported NOV Issue Date: NORR Issue Date: Not reported Site Priority: 0 Phase Of LSA Req: Not reported Not reported Site Risk Reason: Not reported Land Use: MTBE: No MTBE1: Unknown Flag: No Flag1: No LUR Filed: Not reported Release Detection: 0 Current Status: File Located in Archives Not reported **RBCA GW:** PETOPT: 5 False RPL: CD Num: 44 Reel Num: 102 **RPOW:** False RPOP: False Error Flag: 0 Error Code: Ν Valid: False 360043 785549 Lat/Long: Lat/Long Decimal: 00 Testlat: Not reported Regional Officer Project Mgr: STA Region: Raleigh **MERCHANTS TIRE & AUTO** Company: Contact Person: CHARLES REGAN Telephone: 7033683171 **RP Address:** 9073 EUCLID AVE RP City,St,Zip: MANASSAS, VA 22110-**RP** County: Not reported Comments: Not reported 5 Min Quad: Not reported PIRF: Facility Id: 8353 Date Occurred: 1992-01-22 00:00:00 Date Reported: 1992-07-06 00:00:00 CONTAMINATION FOUND DURING UST REMOVAL **Description Of Incident:** Owner/Operator: CHARLES REGAN Ownership: 4 Operation Type: 6 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

1000535975

Database(s)

EDR ID Number EPA ID Number

MERCHANTS TIRE & AUTO #02003 (Continued)

5 Minute Quad: Not reported Pirf/Min Soil: Not reported Release Code: Not reported Source Code: Min_Soil Err Type: Not reported Not reported Cause: Source: Not reported Ust Number: Not reported 1992-07-10 00:00:00 Last Modified: Incident Phase: **Closed Out** NOV Issued: Not reported NORR Issued: Not reported 45 Day Report: Not reported Public Meeting Held: Not reported Not reported Corrective Action Planned: Not reported SOC Signed: **Reclassification Report:** Not reported **RS** Designation: Not reported Closure Request Date: Not reported 1992-07-06 00:00:00 Close-out Report:

36WAND, JOSEPH PROPERTYNW2501 ENGLEWOOD DRIVE1/2-1DURHAM, NC0.717 mi.3783 ft.Relative:SHWS:
Facility ID:

NONCD0002693

Actual: 424 ft. 1000535975

SHWS S109015548 N/A Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLUEFIELD	1000460158	FLOWERS BAKING CO OF WEST VIRGINIA	RTE 52N	27701	FINDS,RCRA-NLR
DURHAM	1001817880	DURHAM AUTO BODY INC	IREDELL ST	27705	RCRA-NLR
DURHAM	1004547616	NADEAU, JAYNE - RESIDENCE	JONQUIL STREET	27701	FINDS
DURHAM	1004552059	DALCORSO, DANIEL - RESIDENCE	ROUTE 1, BOX 201-K	27705	FINDS
DURHAM	1005539141	FOGELMAN, F.M RESIDENCE	935 & 937 OLD OXFORD HIGHWAY	27705	FINDS
DURHAM	1005539142	HARRY R PHILLIPS - RESIDENCE	121 WHITEFIELD ROAD	27701	FINDS
DURHAM	1007724930	BURLINGTON INDUSTRY - DURHAM PLAN	CORNER OF NINTH & WEST STREETS	27705	FINDS
DURHAM	1009217718	AMERICAN TOBACCO - NOELL	312 PETTIGREW ST	27701	RCRA-NLR
DURHAM	1009217719	AMERICAN TOBACCO - HILL	210 PETTIGREW ST	27701	RCRA-NLR
DURHAM	1010786716	BULL CITY RADIATOR & AUTO SERVICE	4918 US HWY 70W	27705	RCRA-NLR
DURHAM	S105217866	PANTRY #3163	HWY 54 & ALSTON AVE.		LUST TRUST
DURHAM	S105218090	CIRCLE K #08205	HWY 54/BLANCHARD DR		LUST TRUST
DURHAM	S105218324	HEARTLAND	HWY 55 & NCSR 1630		LUST TRUST
DURHAM	S105895443	GTE - HWY 54	HWY 54 & ALSTON AVE		IMD,LUST
DURHAM	S105895771	GTE CO. 0-016473	HWY 54 AND ALSTON AVENUE		IMD,LUST
DURHAM	S105895812	WEST BROTHERS TRANSFER	HWY 70 WEST		IMD,LUST
DURHAM	S106349217	CIRCLE K STORE # 2706312	109 WEST NC HWY. 54		IMD
DURHAM	S106349229	CIRCLE K STORE # 2706330	3308 N.C. HWY. 55		IMD,LUST
DURHAM	S107998598	BLUE CROSS BLUE SHIELD (DURHAM	HIGHWAY 15-501		IMD
DURHAM	S109015403	BLUE CROSS BLUE SHIELD (DURHAM SER	HIGHWAY 15-501		HWS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases		
** - Indicates location may or may not be in requested radius. Site has not been assigned a latitude/longitude coordinate. Further review recommended.										
27701	1009639524	110007005040			**	DURHAM	NC	DOT OPS		
27701 27701	1009651588 1009653232	110027385648 110027387502	LITTLE RIVER LAKE BOAT HOUSE WEST POINT ON ENO AMPHITHEATRE		**	DURHAM DURHAM	NC NC	FINDS FINDS		
27701	S110986979	11002/00/002	128 / 132 HUNT STREET	128 & 132 HUNT STREET	**	DURHAM	NC			
27701	2010106842	11000700000	AT 3215 HIGHWAY 70 FLOWERS BAKING CO OF WEST VIRGINIA	AT 3215 HIGHWAY 70	**	DURHAM	NC	HMIRS		
27701 27701	1000460158 U001202152	110007882096 0-025056	READY MIXED CONCRETE PLANT 17	RTE 52N HIGHWAY 55		BLUEFIELD DURHAM	WV NC	RCRA-NonGen, FINDS UST		
27701	1008022028	110012917889	WOOD'S MHP			DURHAM	NC	FINDS		
27701	1008022028 1012105863	110038978666	MCCARTHY IMPROVEMENT COMPANY **	7011 ALBERT PICK ROAD	**	DURHAM	NČ	FINDS		
27701 27701	U003160597 U003091505	0-202117 0-002117	FRIENDLY CITY NOW COLLINS EXX	100 SOUTH ALSTON AVENUE		DURHAM DURHAM	NC NC	UST UST		
27701	1007711177	110018677733	COLLINS EXXON	100 SOUTH ALSTON AVENUE 100 SOUTH ALSTON AVENUE		DURHAM	NC	FINDS		
27701	1012085551	110038394831	COLLINS EXXON	101 SOUTH ALSTON		DURHAM	NC	FINDS		
27701 27701	1012191363 U003136497	0-016857	COLLINS EXXON STREET MAINTCITY OF DURHAM	101 SOUTH ALSTON DURHAM NC 2770 1100 NORTH ALSTON AVENUE	**	DURHAM DURHAM	NC NC	ICIS UST		
27701	1007724628	110018812686	STREET MAINTCITY OF DURHAM	1100 NORTH ALSTON AVENUE		DURHAM	NC	FINDS		
27701	U003136294	0-016174	FREEWAY BP 120	308 SOUTH ALSTON AVENUE		DURHAM	NC	LUST TRUST, IMD, LUST,		
07704	1007700700	110010500700				DUDUANA	NO	UST		
27701 27701	1007702786 U001202044	110018593789 0-024899	BOB S BP EXXON R/S #45383	308 SOUTH ALSTON AVENUE 6025 ALSTON AVE.		DURHAM DURHAM	NC NC	FINDS UST		
27701	1007700554	110018571455	EXXON R/S #45383	6025 ALSTON AVENUE	**	DURHAM	NC	FINDS		
27701	1008331318	110022232047	EASTWAY ELEMENTARY	610 NORTH ALSTON AVENUE		DURHAM	NC	FINDS		
27701 27701	1007711081 U001187452	110018676770 0-002188	CAROCO NO 1 CAROCO 1 155	702 NORTH ALSTON AVENUE 702 NORTH ALSTON AVENUE		DURHAM DURHAM	NC NC	FINDS UST		
27701	S110776510	0-002100	EVANS MINI MART	710 SOUTH ALSTON AVE		DURHAM	NC	LUST		
27701	1007702658	110018592502	EVANS M/M #2	710 SOUTH ALSTON AVENUE 710 SOUTH ALSTON AVENUE		DURHAM	NC	FINDS		
27701	U003136260	0-016059	EVANS M/M 2	710 SOUTH ALSTON AVENUE		DURHAM	NČ	UST		
27701 27701	1011581358 1007706722	110018633148	EVANS M/M #2 DURHAM STREET MAINT NCE DIVISION	710 SOUTH ALSTON AVENUE DURHAM	**	DURHAM DURHAM	NC NC	ICIS FINDS		
27701	1004744523	110004015574	UNITY OIL CO	ALSTON AVENUE GILBERT STREET 1404 ANGIER AVE		DURHAM	NČ	RCRA-NonGen, FINDS		
27701	1014350444		FORMER GREEN OIL SITE FORMER GREEN OIL SITE	1404 ANGIER STREET 1404 ANGIER STREET		DURHAM	NC	US BROWNFIELDS		
27701 27701	1012230693 1000177945	110040721760 110004025153	T & J MCCORKLE SIGN INC	1404 ANGIER STREET 1214 AVONDALE DR		DURHAM DURHAM	NC NC	FINDS RCRA-CESQG, FINDS		
27701	U003144727	0-015487	SEVEN ELEVEN STORE 1054-11941	1401 AVONDALE DRIVE @ EDWARDS ST		DURHAM	NC	UST		
27701	1007716501	110018731167	SEVEN ELEVEN STORE 1054-11941 SEVEN ELEVEN STORE 1054-11941 LAKEWOOD CENTRAL OFFICE	1401 AVONDALE DRIVE @ EDWARDS STF 2000 BIVINS STREET	**	DURHAM	NC	FINDS		
27701 27701	1007725344 U001199958	110018819849 0-021618		2000 BIVINS STREET 2000 BIVINS STREET		DURHAM DURHAM	NČ NC	FINDS UST		
27701	1007724205	110018808450	LAKEWOOD CENTRAL OFFICE SWIFT INDEPENDENT PACKING CO. SWIFT INDEPENDENT PACKING CO.	205 BLACKWELL STREET		DURHAM	NC	FINDS		
27701	U003562670	0-016863	SWIFT INDEPENDENT PACKING CO.	205 BLACKWELL STREET		DURHAM	NC	UST		
27701 27701	U003563103 1009217716	0-026023	SIPCO, INC. DBA MAPELLI BROS	205 BLACKWELL STREET		DURHAM DURHAM	NC NC	UST RCRA-NonGen		
27701	1009447662	NC0991302795 110024772085	AMÉRICAN TOBACCO - OLD BULL AMERICAN TOBACCO HISTORIC DISTRIC	300 BLACKWELL ST 300 BLACKWELL STREET		DURHAM	NC	FINDS		
27701	1009318696	110024445288	SBER LUCKY STRIKE, LLC AMERICAN TOBACCO - NOELL NORTH POINTE PROJECT	310 BLACKWELL STREET		DURHAM	NC	FINDS		
27701	1009318697	110024445304	AMERICAN TOBACCO - NOELL	312 BLACKWELL ST 2000 BLOCK OF BROAD STREET		DURHAM DURHAM	NC NC	FINDS		
27701 27701	U003179322 1007716758	0-035512 110018733744	NOBIH POINTE PROJECT	2000 BLOCK OF BROAD STREET	**	DURHAM	NC	UST FINDS		
27701	S109836983		SERVICES COMPLEX - SURFACE PARKIN SERVICES COMPLEX - SURFACE PARKIN	500 BLOCK E. MAIN STREET 500 BLOCK E. MAIN STREET	**	DURHAM	NC	LUST		
27701	S109837013		SERVICES COMPLEX - SURFACE PARKIN	500 BLOCK E. MAIN STREET	**	DURHAM	NC	LUST		
27701 27701	S109836984 S109837008		SERVICES COMPLEX - SURFACE PARKIN SERVICES COMPLEX - SUBFACE PARKIN	500 BLOCK E. MAIN STREET 500 BLOCK E. MAIN STREET	**	DURHAM DURHAM	NC NC	LUST LUST		
27701	S109836985		SERVICES COMPLEX - SURFACE PARKIN SERVICES COMPLEX - SURFACE PARKIN SERVICES COMPLEX - SURFACE PARKIN	500 BLOCK E. MAIN STREET	**	DURHAM	NC	LUST		
27701	U001202563	0-025739	EQUIPMENT MAINTENANCE INC.	120 BROADWAY ST.		DURHAM	NC	IMD, LUST, UST		
27701 27701	1007705570 1007695570	110018621641 110018521526	EQUIPMENT MAINTENANCE INCORPORA THOS. SOMERVILLE CO.	120 BROADWAY ST. 213 BROADWAY STREET		DURHAM DURHAM	NC NC	FINDS FINDS		
27701	U003562646	0-015773	THOS. SOMERVILLE CO.	213 BROADWAY STREET		DURHAM	NC	UST		
27701	1007699843	110018564347	DONS PLUMBING CO.	214 BROADWAY STREET		DURHAM	NC	FINDS		
27701 27701	U001196853 1009599338	0-016810 110025201662	DONS PLUMBING CO. LIGGETT GROUP LLC ** INACTIVE **	214 BROADWAY STREET 114 S. BUCHANAN BOULEVARD		DURHAM DURHAM	NC NC	UST FINDS		
27701	1009405198	110024936060	CAUDLE, GORDAN R	406 NORTH BUCHANAN BOULEVARD		DURHAM	NC	FINDS		
27701	1006325009	110012656330	E. V. WILLIAMS INCORPORATED	1502 CAMDEN AVENUE		DURHAM	NC	FINDS		
27701	U003136135	0-015668	UNIVERSITY FORD. INC.	600 CARR STREET		DURHAM	NC	UST		
27701 27701	U002040160 U003136253	0-034136 0-016040	UNIVERSITY MARKET LAKEWOOD PARTY STORE	1108 WEST CHAPEL HILL STREET 1915 CHAPEL HILL ROAD		DURHAM DURHAM	NC NC	UST UST		
27701	1007724883	110018815237	LAKEWOOD PARTY STORE	1915 CHAPEL HILL ROAD		DURHAM	NC	FINDS		
27701	U001186854	0-001269	FLINTON SERVICES. INC.	404 WEST CHAPEL HILL STREET		DURHAM	NC	UST		
27701 27701	1007708859 U004106443	110018654552 0-036881	FLINTON SERVICES. INCORPORATED NC MUTUAL LIFE INSURANCE COMP	404 WEST CHAPEL HILL STREET 411 WEST CHAPEL HILL STREET		DURHAM DURHAM	NC NC	FINDS LUST, UST		
27701	1007705751	110018623444	GITHENS MIDDLE SCHOOL	4800 CHAPEL HILL ROAD	**	DURHAM	NC	FINDŚ		
27701	U001202527	0-025693	GITHENS MIDDLE SCHOOL	4800 CHAPEL HILL ROAD		DURHAM	NC	UST		

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
27701 27701	1007724185 U003136405	110018808254 0-016596	SUNSHINE MARKET(FRM ANDYS HAN SUNSHINE MARKET	601 WEST CHAPEL HILL STREET 601 WEST CHAPEL HILL STREET		DURHAM DURHAM	NC NC	FINDS IMD, LUST, UST
27701	1007724874	110018815148	BAILY S 66	617 WEST CHAPEL HILL STREET		DURHAM	NC	FINDS
27701	U003136251	0-016031	BAILY'S 66	617 WEST CHAPEL HILL STREET 807 WEST CHAPEL HILL		DURHAM	NC	IMD, LUST, UST
27701 27701	1011482210 1007712766	110036959609 110018693644	HEALTHY START ACADEMY UNIVERSITY MARKET	1108 WEST CHAPEL HILL 1108 WEST CHAPELHILL STREET		DURHAM DURHAM	NC NC	FINDS FINDS
27701	1014393972	NCS000001545	PROGRESS PLUMBING & PIPING INC	4105 CHEEK RD		DURHAM	NC	RCRA-NonGen
27701	U003295420	0-035723	AT&T RALEIGH RESEARCH	5616 CHIN PAGE ROAD		DURHAM	NC	UST
27701	1007706570	110018631649		5616 CHIN PAGE ROAD		DURHAM	NC	FINDS
27701 27701	1007706526 1010046778	110018631195 110028173198	DURHAM LITTLE LICK CRK WW DURHAM, CITY OF, MUNICIPAL SEPARATI	101 CITY HALL PLAZA 101 CITY HALL PLAZE		DURHAM DURHAM	NC NC	FINDS FINDS
27701	1011514004	110020175130	DUBHAM CITY OF MUNICIPAL SEPARATI	101 CITY HALL PLAZE DURHAM NC 277		DURHAM	NC	ICIS
27701	1005834780	110012146454	VERIZON SOUTH, INC 1010001	104 CITY HALL PLAZA		DURHAM	NC	FINDS
27701	1007701876	110018584637	DURHAM NEW HOPE WWTP			DURHAM	NC	FINDS
27701 27701	1007710038 1010427743	110018666317 110031285561	DURHAM THIRD CREEK WWTP	CITY HALL PLAZA 1103 W CLUB BLVD, STE 100		DURHAM DURHAM	NC NC	FINDS FINDS
27701	1010323427	NCR000143073	NCDSCA 032-0013 (FORMER BB&T) NCDSCA 032-0013 (BB&T)	1103 WEST CLUB BLVD		DURHAM	NC	RCRAInfo-SQG
27701	U003136227	0-015963	NORTHGATE EXPRESS	1130 WEST CLUB BLVD		DURHAM	NC	UST
27701	1007694625	110018512046	NORTHGATE EXPRESS	1130 WEST CLUB BOULEVARD		DURHAM	NC	FINDS
27701 27701	1004745791 U001189113	110004039656 0-004597	FAST FARE NC 570 HAN-DEE HUGO'S 77	1203 W CLUB BLVD 1203 WEST CLUB BOULEVARD		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS UST
27701	S108280516	0-00+337	HEATHER GLEN WTP	111 CORCORAN ST	**	DURHAM	NC	NPDES
27701	1004547617	110009842064	HEATHER GLEN WTP	111 CORCORAN ST	**	DURHAM	NC	FINDS
27701	1007700346	110018569397	CAROLINA WATER SERVICE, INCORPORA	111 CORCORAN STREET	**	DURHAM	NC	FINDS
27701 27701	1012105872 U001203326	110038978327 0-027038	RESEARCH TRIANGLE INSTITUTE ** INAC NELLO L. TEER COMPANY	3040 EAST CORNWALLIS ROAD DENFIELD RD (PARRISH ST)		DURHAM DURHAM	NC NC	FINDS IMD, UST
27701	1009217751	NC0991302838	DURHAM COUNTY GENERAL SERVICES	310 S DILLARD ST		DURHAM	NC	RCRAInfo-SQG
27701	1009318969	110024446562	DURHAM COUNTY GENERAL SERVICES	310 S DILLARD ST		DURHAM	NC	FINDS
27701	1007706527	110018631220	DURHAM ENO WWTP	DIVIDE OF WATER RESOURCES	**	DURHAM	NC	FINDS
27701	1004548542	110001500322 110004049093	LEHIGH PORTLAND CEMENT COMPANY	1031 DREW STREET		DURHAM DURHAM	NC	FINDS
27701 27701	1000832050 S110629428	110004049093	FOREIGN ACCENTS DUKE GIFT PROPERTIES, INC.	111 N DUKE ST 1416 N. DUKE STREET		DURHAM	NC NC	RCRA-NonGen, FINDS
27701	U003295349	0-035642	DURHAM MAGNET CENTÉR	400 N DUKE STREET		DURHAM	NC	UST
27701	1007716736	110018733511	DURHAM MAGNET CENTER	400 NORTH DUKE STREET		DURHAM	NC	FINDS
27701	1008306485	110036940120	DURHAM SCH OF THE ARTS	400 NORTH DUKE STREET	**	DURHAM	NC	FINDS
27701 27701	1007702012 U001202652	110018586010 0-025890	UNIVERSITY FORD ISUZU PEUGEOT	EAST-WEST EXPRESSWAY EAST-WEST EXPRESSWAY		DURHAM DURHAM	NC NC	FINDS UST
27701	1000869096	110004011747	ÚNIVERŠITY FORD ISUZU PEUGEOT AUTOMOTIVE WASTE RECYCLE	304 S ELM		DURHAM	NC	RCRA-NonGen, FINDS
27701	1007706728	110018633219	FALCONBRIDGE SUBDIVISION	FARRINGTON RD-FALCONBRDGE	**	DURHAM	NC	FINDS
27701 27701	1010226604 1007703002	110029520999 110018595947	DATA BUS GARAGE-FAY ST. APPLIANCE AND TV CENTER. INCORPOR	1903 FAY ST 539 FOSTER STREET		DURHAM DURHAM	NC NC	FINDS FINDS
27701	U001196179	0-015889	APPLIANCE & TV CENTER. INCORPOR. APPLIANCE & TV CENTER. INC.	539 FOSTER STREET		DURHAM	NC	UST
27701	1009657014	110027860688	NU-THREAD TIRE COMPANY	545 FOSTER STREET		DURHAM	NC	FINDS
27701	1000102359	110004015155	ARMY RESERVE XVIII AIRBORNE CORPS	724 FOSTER STREET		DURHAM	NC	CERCLIS-NFRAP, RCRA-NonGen,
07701	1011442600	110036085660	CENTRAL PARK SCHOOL FOR CHILD	724 FOSTER STREET			NC	SHWS, FINDS FINDS
27701 27701	1011443609 1000831155	110001502892	SCOTT & ROBERTS INC	733 FOSTER ST		DURHAM DURHAM	NC	DRYCLEANERS, IMD, RCRA-CESQG,
								FINDS
27701	1012234762	110039574029	NCDSCA 032-0011 (SCOTT/ROBERTS CLE NCDSCA 032-0011 (SCOTT/ROBERTS CLE	733 FOSTER ST, STE 100		DURHAM	NC	FINDS
27701 27701	1012183634 1000955553	NCR000148395 0-015930	SCOTT & ROBERTS. INC.	733 FOSTER ST, STE 100 733 FOSTER STREET		DURHAM DURHAM	NC NC	RCRAInfo-SQG LUST, UST
27701	1000412510	110000800152	INTERNATIONAL PAPER	923 FRANKLIN ST		DURHAM	NC	CERCLIS-NFRAP, RCRA-NonGen,
								FINDS, UST
27701	1000199346 1007697663	110004027990 110018542503	CLARK & SORRELL INC	319 W GEER ST		DURHAM DURHAM	NC	RCRA-NonGen, FINDS
27701 27701	U001205440	0-030666	STOCK/PRINT BUILDING TND CAPITAL MANAGEMENT LLC	410 WEST GEER STREET 410 WEST GEER STREET		DURHAM	NC NC	FINDS UST
27701	1007699900	110018564917	ADAMS PRODUCTS CO.	714 EAST GEER STREET		DURHAM	NC	FINDS
27701	U003136123	0-015617	ADAMS PRODUCTS CO.	714 EAST GEER STREET		DURHAM	NC	UST
27701 27701	1000831742 1007723480	110004047059 110018801199	J 4 ENTERPRISES INC DBA/TRANSMAN ADAMS CONCRETE PRODUCTS (CLOS	715 E GEER ST BLD A-4 GEER STREET	**	DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS FINDS
27701	U003562053	0-003941	ADAMS CONCRETE PRODUCTS (CLOS	GEER STREET		DURHAM	NC	UST
27701	1008407280	0 000011	DURHAM MGP	708 GILBERT STREET		DURHAM	NČ	Manufactured Gas Plants
27701	1000482168	NCD986173938	DURHAM COAL GASIFICATION PLANT	708 GILBERT STREET		DURHAM	NC	VCP, CERCLIS-NFRAP,
27701	1012119222	110038991712	CENTRAL CAROL FARMER	801 GILBERT STREET		DURHAM	NC	SHWS FINDS
27701	1000239259	110006827005	DURHAM DRY CLEANERS & LAUNDRY	113 S GREGSON ST		DURHAM	NC	RCRA-NonGen, FINDS
27701	1000369178	110004024984	SEARS #6612	1620 GUESS RD		DURHAM	NC	UIC, IMD, RCRA-CESQG,
07701	1004745700	110001000000				DUDUANA	NO	FINDS, LUST, UST
27701 27701	1004745788 1007698240	110004039629 110018548295	FAST FARE CITGO FOOD MART	2720 GUESS RD 1143 NC HIGHWAY 55	**	DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS FINDS
27701	1004548697	110006367350	DURHAM COUNTY	5926 NC HIGHWAY 55 EAST	**	DURHAM	NC	FINDS

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
27701 27701	1011562600 U000817039	0-021617	DURHAM COUNTY/TRIANGLE WWTP HILLSBOROUGH REPORT CTR./GARA	5926 NC HIGHWAY 55 EAST DURHAM N 4611 HILLSBOROUGH RD	**	DURHAM DURHAM	NC NC	ICIS UST
27701	1007725338	110018819796	HILLSBOROUGH REPORT CTR./GARA	4611 HILLSBOROUGH ROAD		DURHAM	NC	FINDS
27701	1004744996 1012183648	110004023896	MODEL CLEANERS NCDSCA 032-0007 (MODEL LAUNDRY)	1001 HOLLOWAY ST 1001 HOLLOWAY ST, STE 100		DURHAM DURHAM	NC NC	RCRA-NonGen, FINDS
27701	1012183648	NCR000148536	NCDSCA 032-0007 (MODEL LAUNDRY)	1001 HOLLOWAY ST, STE 100		DURHAM DURHAM	NC NC	RCRAInfo-SQG
27701 27701	1012237783 1005539954	110039593179 110006670904	NCDSCA 032-0007 (MODEL LAUNDRY)	1001 HOLLOWAY ST, STE 100 221-227 S HOLMAN STREET		DURHAM	NC	FINDS FINDS
27701	1007701231	110018578216	S SWARTZ AND SONS INC PHILLIPS ELE. CO. OF DURHAM. PHILLIPS ELE. CO. OF DURHAM.	221-227 S HOLMAN STREET 114 HUNT STREET		DURHAM	NC NC	FINDS
27701	U001196932	0-016915	PHILLIPS ELE. CO. OF DURHAM.	114 HUNT STREET		DURHAM	NC	UST
27701 27701	U001196516	0-016333 110018811222	BROADWAY TAXI BROADWAY TAXI	214 HUNT ST. 214 HUNT ST.		DURHAM DURHAM	NC NC	UST FINDS
27701	1007724482 U003766220	0-036282	THE FOOD MART 16	4319 NC HWY 55		DURHAM	NC	UST
27701	S108281163 1004547616		TRIANGLE WWTP	5926 NC HWY 55 E JONQUIL STREET	**	DURHAM DURHAM	NC NC	NPDES
27701 27701	1004547616 S110143848	110009847675	NADEAU, JAYNE - RESIDENCE BENEFICIAL MORTGAGE PROPERTY W. K			DURHAM DURHAM	NC	FINDS LUST
27701	1012149807	110039060869	LIBERTY STREET SITE	812 LIBERTY STREET		DURHAM	NC	FINDS
27701	1012149807 1012127644		LIBERTY STREET SITE LIBERTY STREET SITE	812 LIBERTY STREET 812 LIBERTY STREET		DURHAM DURHAM	NC NC	US BROWNFIELDS
27701 27701	S110629365	0-015495	CLARKE, GLADYS RESIDENCE	706 LINWOOD AVENUE		DURHAM	NC	UST
27701	U001195896 S109504774	0-015495	SOUTHERN EQUIPMENT CO INC. ROSENTHAL, SHERRI - SFR	LITTLE RIVER CONSTRUCTION SITE LOT #1412131517181921	**	DURHAM DURHAM	NC NC	UIC
27701	1007700878	110018574693	CLAUDE M.MAY. INCORPORATED	1101 WEST MAIN STREET		DURHAM	NC	FINDS
27701	U001202285 U003136469	0-025321	CLAUDE M.MAY. INC	1101 WEST MAIN STREET 1110 WEST MAIN STREET		DURHAM DURHAM	NC NC	LUST TRUST, UST
27701 27701	1007724028	0-016764 110018806675	MCPHERSON HOSPITAL MCPHERSON HOSPITAL	1110 WEST MAIN STREET		DURHAM	NC	UST FINDS
27701	S109836866	11001000073	HALL WYNNE FUNERAL HOME	1113 W. MAIN STREET 112 W MAIN ST		DURHAM DURHAM	NC NC	LUST
27701	1004746569	110004052783	NC DEPT OF CORRECTIONS	112 W MAIN ST		DURHAM	NC	RCRA-CESQG, FINDS
27701 27701	1007724067	110018807068 0-016736		200 EAST MAIN STREET		DURHAM	NC	FINDS
27701	U003136462 U003138269	0-034872	JUDICIAL BUILDING	200 EAST MAIN STREET 201 EAST MAIN STREET		DURHAM DURHAM	NC NC	UST UST
27701	1007993013	110020786791	HEALTH DEPT	300 E MAIN STREET		DURHAM	NC	FINDS
27701	1008213026 S109567400	110020880215	302 EAST MAIN ST DURHAM COUNTY HUMAN SERVICES CO	302 EAST MAIN ST		DURHAM DURHAM	NC NC	FINDS LUST
27701 27701	S109567400 S108231287	33176	ROSENTHAL, SHERRI - SFR CLAUDE M.MAY. INCORPORATED CLAUDE M.MAY. INCORPORATED CLAUDE M.MAY. INC MCPHERSON HOSPITAL MCPHERSON HOSPITAL HALL WYNNE FUNERAL HOME NC DEPT OF CORRECTIONS OLD COURTHOUSE OLD COURTHOUSE JUDICIAL BUILDING HEALTH DEPT 302 EAST MAIN ST DURHAM COUNTY HUMAN SERVICES CO MANSOUR, AZEM N PROPERTY CANADAY CAB COMPANY - PROPERTY	504 EAST MAIN STREET		DURHAM	NC	LUST
27701	S108407846	33180	CANADAY CAB COMPANY - PROPERTY CHARTER FOOD STORE (LOC. #061	528 EAST MAIN		DURHAM DURHAM	NC NC	LUST
27701	1007713813	110018704133	CHARTER FOOD STORE (LOC. #061	528 EAST MAIN STREET		DURHAM	NC	FINDS
27701 27701	1009450180 1004546954	110024773583 110000347296	WEST VILLAGE EXPANSION	601 WEST MAIN ST. 700 W. MAIN ST.		DURHAM DURHAM	NC NC	FINDS FINDS
27701	1004546954 1012105799	110038978354	LIGGETT GROUP INCORPORATED VECTOR TOBACCO (USA) LTD. ** INACTIV	701 W. MAIN STREET		DURHAM	NC NC	FINDS
27701	1010415635	NCD986177376	ENZYME TECHNOLOGY RESEARCH GRP	710 W MAIN ST		DURHAM	NC	RCRA-CESQG
27701 27701	1000692599 1000994163	110006830359 110006831018	SARCO INC VECTOR TOBACCO RESEARCH BLDG	710 W MAIN ST 710 W MAIN ST		DURHAM DURHAM	NC NC	RCRA-NonGen, FINDS RCRA-CESQG, FINDS
27701	1001027496	110006827407	INSPIRE PHARMACEUTICALS INC	710 W MAIN ST STE 211		DURHAM	NC	RCRA-NonGen, FINDS
27701	1004744394	110006829753	MÓLECULAR TECHNÓLÓGIES MÁNAGEM CAROLINA ECOTOX INCORPORATED	710 W MAIN ST STE 212 710 WEST MAIN STREET		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS RCRA-CESQG, FINDS
27701 27701	1000910977 1000186455	110006825917 110000891438	GOLDEN BELT MANUFACTURING	807 EAST MAIN STREET		DURHAM DURHAM	NC	RCRA-CESQG, FINDS RCRA-NonGen, FINDS
27701	U003136524	0-016923	DURHAM PRINTING PLANT	807 EAST MAIN STREET		DURHAM	NC	UST
27701	U003136524 1009777450	110027919849	DURHAM PRINTING PLANT GOLDEN BELT MANUFACTURING	807 EAST MAIN STREET 900 EAST MAIN & 400 NORTH ELM STREE	**	DURHAM DURHAM	NC NC	FINDS
27701 27701	1000869425	110001502393 0-028424	AMERICAN DRY CLEANERS	700 MALLARD AVE 1004 N MANGUM STREET			NC	RCRA-CESQG, FINDS UST
27701	U003146513 S110493207	0-020424	GRACE BAPTIST CHURCH GREENFIRE DEVELOPMENT	200 N MANGUM STREET		DURHAM DURHAM	NC NC	UIC
27701	U003147310	0-034871	DURHAM COUNTY DETENTION FACIL	219 S MANGUM STREET		DURHAM	NC	UST
27701 27701	1007714958 1008213024	110018715666 110020880199	DÙRHAM COÙNTY DETENTIÔN FACIL 225 S MANGUM ST	219 SOUTH MANGUM STREET 225 S MANGUM ST		DURHAM DURHAM	NC NC	FINDS FINDS
27701	U001187675	0-002514	U-HAUL CENTER OF MANGUM ST	247 S MANGUM ST		DURHAM	NC	UST
27701	1007721168	110018778018	U-HAUL CENTER OF MANGUM ST	247 SOUTH MANGUM STREET		DURHAM DURHAM	NC NC	FINDS
27701	1009327316	110024548774	407 MANGUM	407 MANGUM	**	DURHAM	NC	FINDS
27701 27701	1009399522 S108231241	NCR000140251 33128		407 MANGUM 506 N. MANGUM STREET		DURHAM	NC NC	RCRA-NonGen LUST
27701	1000831585	110004045961	WALL PROPERTY (HARVEY) SLOAN AUTO PARTS INC	509 N MANGUM		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS
27701	1006319620	110012588182	SOUTHERN ELECTRIC MOTOR DURHAM I			DURHAM	NC	FINDS
27701 27701	U003136225 1007694807	0-015960 110018513875	JOHNSON FORRESTER. INC. JOHNSON FORRESTER. INCORPORATED	800 MANGUM STREET 800 MANGUM STREET		DURHAM DURHAM	NC NC	UST FINDS
27701	1007724864	110018815059	MARKHAM WAREHOUSE/GARAGE	712 EAST MARKHAM AVENUE		DURHAM	NC	FINDS
27701	U001201137	0-023537	MARKHAM WAREHOUSE/GARAGE	712 EAST MARKHAM AVENUE		DURHAM DURHAM	NC	UST UST
27701 27701	U003136367 1007724270	0-016475 110018809100	MARKHAM SERVICE CENTER MARKHAM SERVICE CENTER	725 EAST MARKHAM AVENUE 725 EAST MARKHAM AVENUE		DURHAM DURHAM	NC NC	UST FINDS
27701	1005426023	10010003100	CAROCHEM INC.	725 EAST MARKHAM AVENUE 744 E. MARKHAM		DURHAM	NC	SSTS
27701	1003869273	NCD033859893	MAJOR CHEMICAL CO.	744 EAST MARKHAM ST.		DURHAM	NC	CERCLIS-NFRAP
27701 27701	S110729144 S110052207		RANDY CHAMBERS SFR SOL AND SANDRA OSTERKATZ SFR	905 W MARKHAM AVE 915 W MARKHAM AVE		DURHAM DURHAM	NC	UIC UIC
27701	1008303365	110036935467	BURTON ELEMENTARY	1500 MATHISON AVENUE		DURHAM	NC NC	FINDS

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27701	1007698087	110018546750	DURHAM CITY MAINTENANCE SHOP DURHAM CITY MAINTENANCE SHOP	923 MAXWELL STREET		DURHAM	NC	FINDS
27701	U001204202	0-028442		923 MAXWELL STREET		DURHAM	NČ	UST
27701 27701	1008389813 U004135032	110022563126	CROWN CENTRAL PETROLEUM-NC/567 FIRST TRANSIT	1001 S MIAMI BLVD 1824 N MIAMI BI VD		DURHAM DURHAM	NC NC	FINDS UST
27701	S110776474		FIRST TRANSIT OVY TRUCKING SPILL	1824 N MIAMI BLVD I-85 MILE MARKER 182	**	DURHAM	NC	001
27701	S110629420	110004005004	BONDY PROPERTY	1003 MONMOUTH AVE		DURHAM	NC	
27701 27701	1004745059 U003137422	110004025224 0-021270	GOODYEAR AUTO SERVICE CENTER GOODYEAR ASC	204 MORGAN ST 204 MORGAN ST		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS UST
27701	S109837000		JUST TIRES #2326	204 WEST MORGAN STREET		DURHAM	NC	LUST
27701	1007701238 U003136520	110018578289	(FORMERLY) FIRESTONE STORE (FORMERLY) FIRESTONE STORE	300 MORGAN STREET 300 MORGAN STREET		DURHAM DURHAM	NC NC	FINDS UST
27701 27701	U003136520 U001200006	0-016916 0-021690	DURHAM CENTRE	300 W MORGAN STREET STE 1410		DURHAM	NC	UST
27701	1007694319 1007707484	110018508989	DURHAM CENTER CLEAR-VUE GLASS/JAZABELLE S	300 WEST MORGAN STREET SUITE 1410 815-822 MORGAN STREET		DURHAM	NC	FINDS
27701	1007707484	110018640791	CLEAR-VUE GLASS/JAZABELLE S	815-822 MORGAN STREET		DURHAM	NC	FINDS
27701 27701	1000220587 1009448679	110004017331 110024772780	EAKES CLEANERS INC EAKES DBYCLEANERS	827 W MORGAN ST 827 WEST MORGAN STREET		DURHAM DURHAM	NC NC	IMD, RCRA-NonGen, FINDS FINDS
27701	1007703127	110018597197	EAKES DRYCLEANERS FORMER FIRESTONE STORE	827 WEST MORGAN STREET MORGAN & FOSTER		DURHAM	NC	FINDS
27701	U001196138	0-015838	FORMER FIRESTONE STORE	MORGAN & FOSTER		DURHAM	NC	UST
27701 27701	U000816946 U000322645	0-026192 0-016881	IMPERIAL INVESTMENT COMPANY IMPERIAL BUILDING	215 MORRIS STREET 215 MORRIS STREET		DURHAM DURHAM	NC NC	UST LUST, UST
27701	1007724650	110018812917	IMPERIAL BUILDING	215 MORRIS STREET		DURHAM	NC	IMD, FINDS
27701	1004550934	110011736924	DURHAM COUNTY SCHOOL DIST. PINE STATE CREAMERY COMPANY	302 MORRIS ST 3932 NEAL RD.		DURHAM	NC	FTTS, FINDS LUST TRUST, UST
27701	U001188338	0-003523	PINE STATE CREAMERY COMPANY	3932 NEAL RD.		DURHAM	NC	
27701 27701	S108492020 1008389076	110022565776	927 OLD OXFORD ROAD 927 OLD OXFORD BOAD	927 OLD OXFORD RD 927 OLD OXFORD RD		DURHAM DURHAM	NC NC	NPDES FINDS
27701	1008389076 1007722161	110018787990	927 OLD OXFORD ROAD BETHESDA SHOPPING CENTER	927 OLD OXFORD RD OLD HIGHWAY 70	**	DURHAM	NC	FINDS
27701	1000290102	110004023262	NELLO TEER CORP	211 W PARRISH		DURHAM	NC	RCRA-NonGen, FINDS
27701 27701	1012282250 1012183905	110040106925 NCS000001476	ORANGE RECYLING ORANGE RECYLING	1010 E. PETTIGREW ST 1010 E. PETTIGREW ST		DURHAM DURHAM	NC NC	FINDS RCRA-NonGen
27701	1005540351	110006720334	SOUTHERN COACH COMPANY	1300 E. PETTIGREW STREET		DURHAM	NC	FINDS
27701	U001204435	0-028905	FORMERLY SOUTHERN COACH COMPA	1300 EAST PETTIGREW STREET 210 PETTIGREW ST		DURHAM	NC	UST
27701	1009217719	NC0991302798	AMERICAN TOBACCO - HILL	210 PETTIGREW ST	**	DURHAM	NC	RCRA-NonGen
27701 27701	1009318698 1009217717	110024445313 NC0991302796	AMERICAN TOBACCO - HILL	210 PETTIGREW ST 310 PETTIGREW ST		DURHAM DURHAM	NC NC	FINDS RCRAInfo-SQG
27701	1009217718	NC0991302797	SBER LUCKY STRIKE, LLC AMERICAN TOBACCO - NOELL	312 PETTIGREW ST	**	DURHAM	NC	RCRA-NonGen
27701	S109164505		464 EAST PETTIGREW - PARKING LOT	464 EAST PETTIGREW STREET	**	DURHAM	NC	LUST
27701 27701	1014350450 1012230698	110040721751	PLUM STREET PROPERTY PLUM STREET PROPERTY	311 PLUM STREET 311 PLUM STREET	**	DURHAM DURHAM	NC NC	US BROWNFIELDS FINDS
27701	U003138268	0-034870	DURHAM CO FUEL STATION	402 RAMSEUR STREET		DURHAM	NC	UST
27701	1007695624	110018522062	DÜRHAM CO FÜEL STATION CSX TRANSPORTATION. INC	402 RAMŠEŪR ŠTREET 902 RAMSEUR STREET		DURHAM	NC	FINDS
27701	U001206695	0-032993 110018681620	CSX TRANSPORTATION. INCORPORATEC	902 RAMSEUR STREET		DURHAM	NČ NC	UST
27701 27701	1007711565 1007726456	110018830960	CSX TRANSPORTATION. INCORPORATED	902 RAMSEUR STREET RAMSEUR & HOOD STS.		DURHAM DURHAM	NC	FINDS FINDS
27701	1007726456 U001195740	0-015237	R E A EXPRESS R E A EXPRESS	RAMSEUR & HOOD STS.		DURHAM	NC	UST
27701	U003136502	0-016870	BUDD-PIPER ROOFING CO.	506 RAMSUER STREET		DURHAM	NC	UST
27701 27701	1007725899 U001195976	110018825397 0-015596	BUDD-PIPER ROOFING CO. DURHAM LUBRITORIUM	506 RAMSUER STREET 715 RIGBY AVENUE		DURHAM DURHAM	NC NC	FINDS UST
27701	1007695839	110018524211	DURHAM LUBRITORIUM	715 RIGBY AVENUE	**	DURHAM	NC	FINDS
27701	S110630008 S110728799		FORMER TIRE KING	500 RIGSBEE AVE 502 RIGSBEE AVE		DURHAM	NC	LUST
27701 27701	S110728799 1010437756	110031339861	FORMER TIRE KING HD SUPPLY PLUMBING/HVAC LTD (HG090	602 RIGSBEE AVE		DURHAM DURHAM	NČ NC	FINDS
27701	1010323269	NCR000141457	HD SUPPLY PLUMBING/HVACLTD (HG090	602 RIGSBEE AVE		DURHAM	NC	RCRA-CESQG
27701	S108491357		3025 ROSEBRIAR ROAD	602 RIGSBEE AVE 3025 ROSEBRIAR RD		DURHAM	NC	NPDES
27701	1008389901	110022565142 110020880242	3025 ROSEBRIAR ROAD	3025 ROSEBRIAR RD	**	DURHAM	NC	FINDS
27701 27701	1008213029 984640990	110020880242	201 NORTH ROXBORO ST SHEEN SIZE: 8 FEET WIDE COLOR: RED /	201 NORTH ROXBORO ST SHEEN SIZE: 8 FEET WIDE COLOR: RED /	**	DURHAM DURHAM	NC NC	FINDS ERNS
27701	984640991		SHEEN SIZE: 8 FEET WIDE COLOR: RED /	SHEEN SIZE: 8 FEET WIDE COLOR: RED /	**	DURHAM	NC	ERNS
27701	1005654572	110001504943	MCI WORLDCOM ** INACTIVE ** FRIENDLY CITY NOW COLLINS EXX	4408 SILICON DRIVE 100 SSOUTH ALSTON AVENUE		DURHAM	NC	FINDS
27701 27701	1007720316 1012127721	110018769457	SULLIVAN STREET SITE	100 SSOUTH ALSTON AVENUE 1606 SULLIVAN STREET	**	DURHAM DURHAM	NC NC	FINDS US BROWNFIELDS
27701	1012127721	110039060878	SULLIVAN STREET SITE	1606 SULLIVAN STREET		DURHAM	NC	FINDS
27701	1004747343	110004061835	JENETTA WHITE RESIDENCE	100 SYLVAN RD		DURHAM	NC	RCRA-CESQG, FINDS
27701	1004746513	110004051999	MICRON CMS-NORTH CAROLINA	2500 S TRI-CENTER BLVD	**		NC	RCRA-CESQG, FINDS
27701 27701	S110729125 S110493082		ROBERT AND SARAH MUSSER SFR 5QM TRINITY FOOD MART	1001 W TRINITY AVE 403 W TRINITY AVE.		DURHAM DURHAM	NC NC	UIC LUST
27701	U003144819	0-016067	TRINITY FOOD MART	403 WEST TRINITY		DURHAM	NC	UST
27701	1007724784	110018814247	TRIANGLE D FOOD MART	403 WEST TRINITY		DURHAM	NC	FINDS
27701 27701	1011483783 1011457451	110036940086 110036090510	W G PEARSON ELEMENTARY W.G. PEARSON MAGNET MIDDLE	600 E UMSTEAD STREET 600 E. UMSTEAD ST.		DURHAM DURHAM	NČ NC	FINDS FINDS
27701	S108664932	33348	SLAUGHTER PROPERTY (LINDA #1)	810 VICKERS AVE		DURHAM	NC	LUST
27701	S110995361		DAVID BALL SFR 5QM	901 VIČKERŠ AVE		DURHAM	NC	UIC

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27701 27701	S110629468 1004745058	110004025215	DIAS PROPERTY DURHAM TRANSIT AUTHORITY	1726 VISTA STREET 111 VIVIAN STREET		DURHAM DURHAM	NC NC	IMD. RCRA-CESQG. FINDS
27701	U003144826	0-016129	TRANSPORTATION CENTER - DURHA	111 VIVIAN STREET		DURHAM	NC	UST
27701 27701	1004746892 1003868274	110004058803 110004020657	LAIDLAW TRANSIT DAUGHERTY CHEM CO	123 VIVIAN ST 307 WALKER ST		DURHAM DURHAM	NC NC	RCRA-NonGen, FINDS CERCLIS-NFRAP, RCRA-NonGen, FINDS
27701	1000448786	110004040877	CITY OF DURHAM PROPERTY CARE	501 WASHINGTON ST		DURHAM	NC	RCRA-CESQG, FINDS
27701 27701	1007726364 U001195795	110018830041 0-015322	HARRIS OIL CO. OF DURHAM. INCORPOR HARRIS OIL CO. OF DURHAM. INC	703 WASHINGTON STREET 703 WASHINGTON STREET		DURHAM DURHAM	NC NC	FINDS IMD, LUST, UST
27701	1007702446	110018590372	BRAME SPECIALTY COMPANY	949 WASHINGTON STREET		DURHAM	NC	FINDS
27701 27701	S110493231 S109164507		JOHN & ANNE HODGES-COPPLE SFR CHABAD OF DURHAM PROPERTY	1104 WATTS ST 202 WATTS STREET		DURHAM DURHAM	NC NC	UIC LUST
27701	1008306499	110021971259	GEORGE WATTS ELEMENTARY	700 WATTS STREET		DURHAM	NC	FINDS
27701	S110776478	110010070700	ROBINS RESIDENCE	711 WATTS STREET	**	DURHAM	NC	
27701 27701	1007711284 S108492100	110018678796	AMERICAN TOBACCO REDEVELOPMENT 121 WHITEFIELD ROAD	NORTH WEST QUAD OF WILLARD ST. ANI 121 WHITEFIELD RD	**	DURHAM DURHAM	NC NC	FINDS NPDES
27701	1005539142	110006712799	HARRY R PHILLIPS - RESIDENCE	121 WHITEFIELD ROAD	**	DURHAM	NC	FINDS
27701 27705	S110628779 1009644253		MAXWELL, SUNNY PROPERTY	2107 WILSON TREET RESIDENCE	**	DURHAM DURHAM	NC NC	DOT OPS
27705	U003144815	0-016035	SERVICETOWN TOWN TRUCK STOP	I-85 & GUESS ROAD BY-PASS RAMP	**	DURHAM	NC	UST
27705	1007724879	110018815200	SERVICETOWN TOWN TRUCK STOP	I-85 & GUESS ROAD BY-PASS RAMP	**	DURHAM	NC	FINDS
27705 27705	1007711813 1004552059	110018684100 110006671921	TRIANGLE CARE CENTER INCORPORATE DALCORSO, DANIEL - RESIDENCE	RT 1 BOX 176 ROUTE 1, BOX 201-K	**	DURHAM DURHAM	NC NC	FINDS FINDS
27705	1007723294	110018799335	ENO RIVER STATE PARK	ROUTE 2. BOX 436C	**	DURHAM	NC	FINDS
27705 27705	U001439590 1009652636	0-031780 110027380787	ENO RIVER STATE PARK NORTH CHATHAM WATER AND SEWER C	ROUTE 2, BOX 436C 4224 HIGHWAY 70 WEST - UNIT 2		DURHAM DURHAM, NC	NC NC	IMD, LUST, UST FINDS
27705	S110143841		COUCH OIL, BENNETT PT COASTAL SVCS	US 70 AND SPARGER ROAD	**	DURHAM	NC	LUST
27705 27705	1007704721 U001434264	110018613099 0-001568	BEST WESTERN SKYLAND INN HEADERS AUTO SALES	US 70 I 85 US 70 W AT I-85	**	DURHAM DURHAM	NC NC	FINDS UST
27705	1007708777	110018653722	HEADERS AUTO SALES HEADERS AUTO SALES	US 70 WEST AT I-85	**	DURHAM	NC	FINDS
27705	1007717859	110018744778	ARBOR HILL MHP	4224 HIGHWAY 70W	**	DURHAM	NC	FINDS
27705 27705	1005539141 U001195992	110009847354 0-015621	FOGELMAN, F.M RESIDENCE SATTERFIELD AND CLAYTON PAVIN	935 & 937 OLD OXFORD HIGHWAY I-85 AND U.S. 70 WEST		DURHAM DURHAM	NC NC	FINDS UST
27705	1007726118	110018827581	SATTERFIELD AND CLAYTON PAVIN	I-85 AND US 70 WEST	**	DURHAM	NC	FINDS
27705 27705	1009399553 1009454917	NCS000000430 110024834526	TALBERT BUILDING SUPPLY TALBERT BUILDING SUPPLY	1 BARRINGER PLACE 1 BARRINGER PLACE	**	DURHAM DURHAM	NC NC	RCRA-NonGen FINDS
27705	S110987102	110024034320	ADAMS PROPERTY	4701 BENNETT MEMORIAL ROAD 1423 BRD STREET		DURHAM	NC	LUST
27705	1007704776	110018613703	HOWARD RESIDENCE LUCY		**	DURHAM	NC	FINDS
27705 27705	1010683790 U003144835	110033187762 0-016169	HAYWOOD DAVIS REALTORS BROAD STREET BP 140	1011 BROAD STREET 1101 BROAD STREET		DURHAM DURHAM	NC NC	FINDS UST
27705	1007702769	110018593627	BROAD STREET BP 140 BROAD STREET BP SERVICE	1101 BROAD STREET		DURHAM	NC	FINDS
27705 27705	1005507642 1004746224	110001502188 110004047996	DURHAM CREMATION SERVICES INCORF NC SCHOOL OF MATH & SCIENCE	1105 BROAD STREET 1216 BROAD ST		DURHAM DURHAM	NC NC	FINDS RCRA-CESQG, FINDS
27705	1007708228	110018648230	NC SCHOOL OF SCIENCE AND MATHEM	1219 BROAD STREET		DURHAM	NC	FINDS
27705 27705	U003144942 A100186942	0-016788 32001	NC SCHOOL OF SCIENCE & MATHEM	1219 BROAD STREET 2014 BROAD ST.		DURHAM DURHAM	NC NC	IMD, LUST, UST AST
27705	1007717672	110018742896	BULL CITY OIL CO. BULL CITY OIL COMPANY. INCORPORATE	2014 BROAD STREET		DURHAM	NC	FINDS
27705	U001194513	0-012939	BULL CITY OIL COMPANY. INC.	2014 BROAD STREET		DURHAM	NC	IMD, LUST, UST
27705 27705	U003008479 1007723788	0-215489 110018804276	FAST FOOD MART 3 FAST FOOD MART #3	2106 BROAD STREET 2106 BROAD STREET		DURHAM DURHAM	NC NC	UST FINDS
27705	1007726451	110018830915	CIRCLE K #8217	2106 BROAD STREET @ PALM STREET	**	DURHAM	NC	FINDS
27705 27705	U001195893 S109164515	0-015489	CIRCLE K 8217 DUKE UNV. AMERICAN DANCE	2106 BROAD STREET @ PALM STREET 715 BROAD STREET	F, East, 1/4 - 1/2	DURHAM DURHAM	NC NC	IMD, LUST, UST LUST
27705	U003136124	0-015622	EAST CAMPUS BP 215	801 BROAD STREET	G, East, 1/4 - 1/2	DURHAM	NC	LUST TRUST, IMD, LUST, UST
27705	1007699626	110018562170	EAST CAMPUS BP	801 BROAD STREET	**	DURHAM	NC	FINDS
27705 27705	U001205547 1012118862	0-030895 110038991721	BROAD ST WAREHOUSE PROPERTY DURHAM CNTY HOSPITAL	BROAD ST AND I-85 BROAD STREET	**	DURHAM DURHAM	NC NC	UST FINDS
27705	1007723478	110018801171	BROAD ST WAREHOUSE PROPERTY	BROAD STREET AND I-85	**	DURHAM	NC	FINDS
27705 27705	1000152425	110004024261	TRIANGLE AUTO BODY & PAINT SHOP CHARLES ANDERSON SFR	120 15-501 BY PASS 5612 CABE FORD RD		DURHAM DURHAM	NC NC	RCRA-NonGen, FINDS UIC
27705	S110729079 1007724663	110018813033	CLOSED	2600 CARVER STREET		DURHAM	NC	FINDS
27705	U001196357	0-016113	CLOSED	2600 CARVER STREET		DURHAM	NC	UST
27705 27705	U001199107 1007717860	0-020059 110018744787	CROASDAILE FARMS CROASDAILE FARMS	CARVER STREET CARVER STREET	**	DURHAM DURHAM	NC NC	UST FINDS
27705	1010037459	110028210825	BRITISH-WOODS APARTMENTS	901 CHALK LEVEL ROAD		DURHAM	NC	FINDS
27705 27705	1000174954 1008302844	110004035213 110036964194	MAACO AUTO PAINTING BODYWORKS CARTER COMMUNITY CHARTER	1406 CHRISTIAN AVE 1305 WEST CLUB BLVD		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS FINDS
27705	U001205040	0-029948	TOWN N COUNTRY	1423 E CLUB BLVD		DURHAM	NC	UST
27705 27705	1000280451 S108492107	110004035794	MILLER TRUCK EQUIPMENT INC 1405 COLE MILL ROAD	1104 COLE MILL RD 1405 COLE MILL RD		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS NPDES
21100	0100732107						NO	

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
27705 27705	1005538989 1007724666 1011603251 1007706216 S108492418 1005637212 1007714774 U001196381 1007724930 1011482209 1007713852 S110629378 S110629378 S10629378 S10629378 J003838084 S108491371 U003137148 100771720 1007723865 1004745256 10077698392 1000398051 U001196567 1007724293 S109611325 S110629478 1007711180 U001187412	110009847041 110018813060 110018701485 110018628109 110006673180 110018713793 0-016153 110018815709 11003695959 11003695959 110018704534 110022566846 0-020001 110018743378 11001865042 110017663956 11001849784 11001869324 110018677751 0-002118	SMITH, HELEN TOMMY S MINI MART TOMMY S MINI MART ENO RIVER ST PARK TOWN N COUNTRY NUMBER 1 5621 COMMUNITY DRIVE MOODY, CHERYLE RESIDENCE DEERFIELD APARTMENTS BURLINGTON IND DURHAM PLAN BURLINGTON INDUSTRY - DURHAM PLAN MAUREEN JOY CHARTER MCFARLAND MHP KENAN, JOHN PROPERTY WARRINGTON, BUCE PROPERTY 4907 DENFIELD ROAD 3510 DONNIGALE AVENUE 3510 DONNIGALE AVENUE 3510 DONNIGALE AVENUE THE PANTRY 3091 DBA ZIP MART THE PANTRY 3091 DBA ZIP MART THE PANTRY 3091 DBA ZIP MART THE PANTRY #3091 DBA ZIP MART DUKE STREET BP DUKE HOMESTEAD BURLINGTON INDUSTRIES LIMITED LIABII HI-TECH FABRICATION INC PHILLIPS 66 COMPANY PCILLIPS 66 COMPANY HILLIPS 66 COMPANY CI INDUSTRIES HONEYCUTT PROPERTY SAM S QUIK SHOP	1405 COLE MILL ROAD 1832 COLE MILL ROAD 1832 COLE MILL ROAD 1832 COLE MILL ROAD 1832 COLE MILL ROAD 21 WEST COLONY PLACE SUITE 210 5621 COMMUNITY DR 5621 COMMUNITY DR 5621 COMMUNITY DRIVE 910 CONSTITUTION DRIVE CORNER OF NINTH & WEST STREETS 1955 W CORNWALLIS RO 5712 COUCH MOUNT ROAD 1610 DELAWARE AVENUE 1622 DELAWARE AVENUE 4907 DENFIELD ROAD 3510 DONNIGALE AVE 3705 NORTH DUKE STREET 3705 NORTH DUKE STREET 3705 NORTH DUKE STREET 304 NORTH DUKE STREET DUKE HOMESTEAD RD DURHAM 2710 EDMUND ST 2810 EDWIN RD 2810 EDWIN ROAD 4500 EMPEROR BLVD 2515 ENGLEWOOD AVENUE 1605 ERWIN ROAD	6, South, 1/8 - 1/4 ** ** ** ** ** ** 12, SSE, 1/8 - 1/4	DURHAM DURHAM	22222222222222222222222222222222222222	FINDS FINDS ICIS FINDS FINDS NPDES FINDS FINDS UST FINDS FINDS FINDS FINDS FINDS RCRA-CESQG, FINDS FINDS RCRA-CESQG, FINDS FINDS RCRA-NonGen, FINDS UST FINDS UIC FINDS LUST TRUST, IMD, LUST, UST
27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705	U003876617 1004746213 U003008272 1007696364 1011922667 1011863134 U001196629 1007702251 1011863155 1011922317 1008389240 S108492358 S110303254 S110629432 U003145483 1012118646 1000401735	0-036516 110004047834 0-015219 110018529494 110037426158 NCR000146159 0-016512 110018588410 NCR000146399 110037426327 110022568194 0-020559 110038991749 110002381592	FORMER BROWNSTONE HOTEL EXXON RAS #44015 KELSIE COMPTON-METRO EXPRESS KELSIE COMPTON-METRO EXPRESS NCDSCA 032-0015 (DURHAM DRY CLEANI NCDSCA 032-0015 (DURHAM DRY CLEANI METHODIST RETIREMENT COMMUNIT METHODIST RETIREMENT COMMUNIT XDX XDX ROBINSON, MARY ANNE 4605 ERWIN ROAD FLETCHERS GULF DURANT, JACK - PROPERTY CAROLINA FRIENDS SCHOOL VA HOSPITAL VETERANS ADMIN MEDICAL CTR	2424 ERWIN ROAD 2432 ERWIN RD 2500 ERWIN RD. 2500 ERWIN ROAD 2526-B ERWIN RD 2616 ERWIN ROAD 2616 ERWIN ROAD 2816 ERWIN RD 2816 ERWIN RD 4605 ERWIN RD 4605 ERWIN RD 4605 ERWIN RD 4605 ERWIN RD 4605 ERWIN RD 4605 ERWIN RD 5268 FREEMONT RD. 4809 FRIENDS SCHOOL RD 508 FULTON ST		DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM	22222222222222222222222222222222222222	UST RCRA-CESQG, FINDS LUST TRUST, UST FINDS FINDS RCRAInfo-SQG LUST, UST FINDS RCRA-CESQG FINDS FINDS NPDES LUST UST FINDS IMD, RCRAInfo-SQG, FINDS,
27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705 27705	2005614208 1006333281 U003136332 U003144813 1007720533 S108074354 S110143987 1004747145 A100186944 S110629443 U003136274 U003144814	0-016320 0-016030 110018815139 110018771621 33108 110008055745 32003 0-016107 0-016033	508 FULTON STREET V. A. MEDICAL CENTER DEPARTMENT OF VETERANS MED. C CROASDAILE COUNTRY CLUB CROASDAILE COUNTRY CLUB DURHAM CO SCHOOL STRAWBRIDGE STUDIOS SARAH WOODRING SFR TRIUMPH BOATS INC MCAFEE OIL CO. INC. GRANTHAM ST GULF ONE HOP FOOD MART PHILLIPS FOOD PLAZA 11	508 FULTON STREET 508 FULTON STREET 508 FULTON STREET 3800FARM GATE ROAD 3800FARM GATE ROAD 2415 EAST GEER STREET 410/420 WEST GEER STREET. 1513 GLASGOW ST 100 GOLDEN DR S GOLEY ST. 2211 GRANTHAM STREET 2021 GUESS ROAD 2106 GUESS ROAD	** ** **	DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM	NC CC C	LUST ERNS MLTS UST UST FINDS FINDS LUST UIC RCRA-CESQG, FINDS AST UST LUST TRUST, IMD, LUST,
27705 27705 27705 27705 27705 27705 27705 27705 27705 27705	1007719456 1004746217 94413061 1000448792 U003136032 U003135997 1007704049 U003295490 1009686461	110018760811 110004047870 110009849441 0-015210 0-015050 110018606436 0-016029 110027944982	PHILLIPS FOOD PLAZA #11 EXXON RAS #45713 2601 GUESS RD TEXACO STATION GUESS RD TEXACO FORMER CRABTREES EXXON LOC 44 LOC #4448 FAST FARE. INC. 191 MM FOWLER INCORPORATED	2106 GUESS ROAD 2516 GUESS RD 2601 GUESS RD 2601 GUESS RD 2709 GUESS ROAD 2709 GUESS ROAD 2709 GUESS ROAD 2720 GUESS ROAD 2724 GUESS ROAD		DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM DURHAM	NC NC NC NC NC NC NC NC	UST FINDS RCRA-NonGen, FINDS ERNS RCRA-CESQG, FINDS UST UST FINDS UST FINDS

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
27705 27705	S109836988 1007724232	110018808726	GUESS ROAD BP STATION #270 GUESS ROAD BP	2724 GUESS ROAD 2724 GUESS ROAD & I-85	**	DURHAM DURHAM	NC NC	LUST FINDS
27705	U003136396	0-016580	GUESS ROAD BP 270	2724 GUESS BOAD & I-85		DURHAM	NC	UST
27705	1011605336	0.000000	GUESS ROAD BP GUESS ROAD AMOCO	2724 GUESS ROAD & I-85 DURHAM NC 2727 GUESS ROAD	**	DURHAM	NC	ICIS
27705 27705	U003142863 1007722782	0-002996 110018794223	GUESS ROAD AMOCO GUESS ROAD AMOCO	2727 GUESS BOAD		DURHAM DURHAM	NC NC	UST FINDS
27705	1004549368	110010617010	POOLSIDE INC	2813 GUESS RD 2813 GUESS RD DURHAM NC 27705		DURHAM	NC	FINDS
27705 27705	1011516424 1010683791	110022107771	POOLSIDE INC APPLE REALTY	2813 GUESS RD DURHAM NC 27705 2911 GUESS ROAD		DURHAM DURHAM	NC	ICIS
27705	1007719289	110033187771 110018759182	HOMESTEAD BP	2918 GUESS ROAD		DURHAM	NC NC	FINDS FINDS
27705	U003136293 1007151422	0-016173	HOMESTEAD FAMILY FARE BP 280	2918 GUESS ROAD 2918 GUESS ROAD		DURHAM	NC	UST
27705 27705	1007151422 1000381596	110016660282 110001503819	DICK PATTON REALTY/PROPERTY MANA SUNSHINE CLEANERS	3115 GUESS RD 3300 GUESS BOAD		DURHAM DURHAM	NC NC	FINDS RCRAInfo-SQG, FINDS
27705	1012077691	110038388134	PANTRY NO. 3161 DBA ETNA	3300 GUESS ROAD 3301 GUESS ROAD		DURHAM	NC	FINDS
27705	U003144846	0-016203	PANTRY 3161 DBA KANGAROO EXPR	3301 GUESS ROAD		DURHAM	NC	UST
27705 27705	1007719531 1010683787	110018761605 110033187735	PANTRY 3161 (ETNA 301) JOE HICKS REAL ESTATE CO	3301 GUESS ROAD 3315 GUESS ROAD		DURHAM DURHAM	NC NC	FINDS FINDS
27705	U003138247	0-034839	THE PANTRY 863	3793 GUESS BOAD		DURHAM	NC	UST
27705 27705	1007714919 1007724735	110018715274 110018813765	THE PANTRY #863 CROSS CREEK AUTO CENTER	3793 GUESS ROAD 3800 GUESS ROAD		DURHAM DURHAM	NC NC	FINDS FINDS
27705	1010426484	110032639633	NCDSCA 032-0014 (HOLLYWOOD CLEANE	3823 GUESS RD		DURHAM	NC	FINDS
27705	1000293814 1010565313	NCD982138083	HOLLYWOOD DRY CLEANERS	3823 GUESS RD 3823 GUESS ROAD		DURHAM	NC	RCRA-CESQG
27705 27705	1010565313	NCR000144477 110018666861	NCDSCA 032-0014 (HOLLYWOOD CLEANE HOLLYWOOD DRY CLEANERS NCDSCA 032-0014(HOLLYWOOD DRY CLI HOLLYWOOD DRY CLEANERS CROSS CREEK BP 210 CROSS CREEK BP 210 CROSS CREEK BP 210	3823 GUESS ROAD 3823 GUESS BOAD # O		DURHAM DURHAM	NC NC	RCRAInfo-LQG FINDS
27705	U003136300 1012145534	0-016200	CROSS CREEK BP 210	3823 GUESS ROAD # O 3828 GUESS ROAD 3828 GUESS ROAD		DURHAM	NC	UST
27705	1012145534	110039164962	CRUSS CREEK DP NU.210	3828 GUESS RUAD		DURHAM DURHAM	NC	FINDS
27705 27705	1012191671 1011445464	110035849561	CROSS CREEK BP NO.210 LIBERTY CHRISTIAN SCHOOL	3828 GUESS ROAD DURHAM NC 27705 3864 GUESS BOAD		DURHAM	NC NC	ICIS FINDS
27705	1011445464 1000187467	110007661850	NC DOT DIV 5	3864 GUESS ROAD 3910 GUESS RD		DURHAM	NC	RCRA-NonGen, FINDS
27705 27705	U003137841 1007699776	0-024683 110018563669	NC DOT - DURHAM (DIV FIVE)	3910 GUESS ROAD		DURHAM DURHAM	NC NC	UST FINDS
27705	U003136404	0-016595	NC DEPARTMENT OF TRANSPORTATION BATTEN'S QUICK STOP	4000 GDESS ROAD 4731 GUESS ROAD		DURHAM	NC	UST
27705	S108492242		6473 GUESS ROAD HAWKINS, JULIA L RESIDENCE	6473 GUESS RD		DURHAM	NC	NPDES
27705 27705	1005538951 S110729114	110006712049	HAWKINS, JULIA L RESIDENCE JANE DIEHL SFR	6473 GUESS ROAD 2916 HARRIMAN RD		DURHAM DURHAM	NC NC	FINDS UIC
27705	U001439288	0-029916	LAMB DIST. CO.	MT. HERMAN CHURCH ROAD		DURHAM	NC	LUST TRUST, IMD, LUST,
27705	U000816849	0-016034	HILLANDAILE GOLF COURSE	HILLANDAILE ROAD		DURHAM	NC	UST UST
27705	1007724877	110018815166	HILLANDAILE GOLF COURSE	HILLANDAILE ROAD	**	DURHAM	NC	FINDS
27705	1004548334 U003137159	110000553419	WILLIAMS WATER TREATMENT PLANT	1405 HILLANDALE ROAD		DURHAM	NC	FINDS
27705 27705	1007698994	0-020042 110018555810	10-KPP 10-KPP	1740 HILLANDALE ROAD 1740 HILLANDALE ROAD		DURHAM DURHAM	NC NC	UST FINDS
27705	U003144908	0-016581	CROASDAILE BP 205	1815 HILLANDALE ROAD		DURHAM	NC	IMD, LUST, UST
27705 27705	1007724234 1004744944	110018808744 110004022842	CROASDAILE BP PLAZA DRY CLEANERS & LAUNDROMAT			DURHAM DURHAM	NC	FINDS
27705	U000322632	0-025694	HILLANDALE ELEM	1821 HILLANDALE RD 2107 HILLANDALE ROAD		DURHAM	NC NC	RCRA-CESQG, FINDS UST
27705	U000322632 1007705754	110018623505	HILLANDALE ELEM.	2107 HILLANDALE ROAD		DURHAM	NC	FINDS
27705 27705	1011483035 U001196656	110036935751 0-016549	HILLANDALE ELEMENTARY	2730 HILLANDALE ROAD		DURHAM DURHAM	NC NC	FINDS UST
27705	1007702173	110018587661	WATER & SEWER MAINTENANCE DIV WATER AND SEWER MAINTENANCE DIVIS	HILLANDALE ROAD	**	DURHAM	NC	FINDS
27705	1007726424	110018830648	WILCO #192	2905 HILLSBORO ROAD	**	DURHAM	NC	FINDS
27705 27705	U003144730 U001205490	0-015517 0-030769	HUSSCO 1 W DURHAM LUMBER CO	2905 HILLSBORO ROAD 3109 HILLSBORO RD		DURHAM DURHAM	NC NC	IMD, LUST, UST UST
27705	1007723394	110018800332	W DURHAM LUMBER CO	3109 HILLSBORO ROAD	**	DURHAM	NC	FINDS
27705 27705	1000221674 1009446130	110004025135 110024771656	JAKES TRANSMISSION ERWIN SQUARE	4915 HILLSBORO RD 2211 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	RCRA-NonGen, FINDS FINDS
27705	1007711175	110018677706	DURHAM S EXXON STATION	2508 HILLSBOROUGH ROAD		DURHAM	NC	FINDS
27705	U001187410	0-002115	DURHAM'S EXXON STATION	2508 HILLSBOROUGH ROAD		DURHAM	NC	UST
27705 27705	1005676679 1000535975	110002358001 110004045499	ONE HOUR KORETIZING - HILLSBOROUG MERCHANTS TIRE & AUTO #02003	2716 HILLSBOROUGH ST 2720 HILLSBOROUGH RD	35, NW, 1/4 - 1/2	DURHAM DURHAM	NC NC	FINDS IMD, RCRA-CESQG, FINDS,
					00,111,			LUST
27705 27705	1007701374 U001202498	110018579634 0-025654	DENNIS EQUIPMENT CO. DENNIS EQUIPMENT CO.	2833 HILLSBOROUGH ROAD 2833 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	FINDS LUST TRUST, IMD, LUST,
								UST
27705	U001205611	0-031060 110018827661	COUCH OIL CAR SHOP NO 5	2908 HILLSBOROUGH RD 2908 HILLSBOROUGH ROAD		DURHAM DURHAM	NC	
27705 27705	1007726127 U003136125	0-015627	CAR SHOP #5 CAR SHOP 5	2908 HILLSBOROUGH ROAD 2908 HILLSBOROUGH ROAD		DURHAM	NC NC	FINDS UST
27705	2009925018		3101 HILLSBOROUGH RD.	3101 HILLSBOROUGH RD.		DURHAM	NC	ERNS
27705 27705	1007724045 U003136476	110018806844 0-016791	WEST DURHAM LUMBER CO. WEST DURHAM LUMBER CO.	3109 HILLSBOROUGH ROAD 3109 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	FINDS UST
27705	U001195712	0-015196	TRIANGLE BEVERAGE CO. INC	3161 HILLSBOROUGH RD.		DURHAM	NC	UST

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
27705	1007704019	110018606132	TRIANGLE BEVERAGE CO. INCORPORATI PRITCHARD PAINT AND GLASS COM	3161 HILLSBOROUGH ROAD 3172 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	FINDS
27705 27705	U003563268 1007708074	0-029943 110018646697	PRITCHARD PAINT AND GLASS COM PRITCHARD PAINT AND GLASS COM	3172 HILLSBOROUGH ROAD 3172 HILLSBOROUGH ROAD		DURHAM	NC	UST FINDS
27705	1004744574	110004016190	COCA-COLA BOTTLING CO	3214 HILLSBOROUGH RD		DURHAM	NC	RCRA-NonGen, FINDS
27705	U003144710	0-015391	COCA-COLA BOTTLING CO DURHAM COCA-COLA BOTTLING CO.	3214 HILLSBOROUGH RD 3214 HILLSBOROUGH ROAD		DURHAM	NC	UST
27705 27705	U003144799 1007702968	0-015964 110018595590	UNIVERSITY SHELL SERVICE	3414 HILLSBOROUGH STREET 3414 HILLSBOROUGH STREET		DURHAM DURHAM	NC NC	UST FINDS
27705	1001079059	110004053728	UNIVERSITY SHELL SERVICE U S \$1.99 CLEANERS	3438 HILLSBOROUGH RD		DURHAM	NC	RCRA-CESQG, FINDS
27705	U003160906	0-034829	CRUIZERS 32	3446 HILLSBOROUGH RD		DURHAM	NC	UST
27705 27705	1007714760 U004155450	110018713677	MIKES STOP AND GO KROGER FUEL CENTER R332	3446 HILLSBOROUGH ROAD 3457 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	FINDS
27705	1004745912	110004042232	EXXON RAS #44478	3457 HILLSBOROUGH ROAD 3458 HILLSBOROUGH RD		DURHAM	NC	UST RCRA-CESQG, FINDS
27705	U003135999 1007705004	0-015055	EXXON RAS 44478	3458 HILLSBOROUGH ROAD		DURHAM	NC	IMD, LUST, UST
27705	1007705004	110018615989	HILLSBOROUGH ROAD SUNOCO	3500 HILLSBOROUGH ROAD		DURHAM	NC	FINDS
27705 27705	U000322761 1007697067	0-024608 110018536529	HILLSBOROUGH ROAD SUNOCO	3500 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	UST FINDS
27705	U003147016	0-032638	HARRIS INCORPORATED OF DURHAM HARRIS INCORPORATED OF DURHAM	3505 HILLSBOROUGH ROAD 3505 HILLSBOROUGH ROAD		DURHAM	NC	LUST TRUST, UST
27705	U001196551	0-016394	WESTSIDE BP 455	3511 HILLSBOROUGH RD		DURHAM	NC	LUST TRUST, UST
27705	1007719069 U003135981	110018756924	WESTSIDE BP DEALERS SUPPLY COMPANY	3511 HILLSBOROUGH ROAD 3523 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	FINDS
27705 27705	1007721857	0-015009 110018784957	DEALERS SUPPLY COMPANY	3523 HILLSBOROUGH ROAD		DURHAM	NC	IMD, LUST, UST FINDS
27705	1007723493	110018801322	WELDON S	3531 HILLSBOROUGH STREET 3531 HILLSBOROUGH STREET		DURHAM	NC	FINDS
27705	U001188592	0-003951	WELDON'S	3531 HILLSBOROUGH STREET		DURHAM	NC	UST
27705 27705	1000117422 1009319037	110004024966 110024446722	ONE HOUR KORETIZING PLANTS UNLIMITED - DSCA SITE 32-0002			DURHAM DURHAM	NC NC	RCRA-NonGen, FINDS FINDS
27705	1009399538	NCR000140475	NCDSCA 032-0002 (PLANTS UNLIMITED)	3567 HILLSBOROUGH RD 3567 HILLSBOROUGH RD		DURHAM	NC	RCRAInfo-SQG
27705	U003144816	0-016039	CRUIZERS 21	3578 HILLSBOROUGH ROAD		DURHAM	NC	LUST TRUST, IMD, LUST,
07705	1007710460	110010700010					NC	UST FINDS
27705 27705	1007719463 1000535834	110018760919 110004045177	TEXACO FOOD MART #21 MORGAN MOTORS INCORPORATED	3578 HILLSBOROUGH ROAD 3601 HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	LUST TRUST, IMD, RCRAInfo-SQG,
21100	100000001							FINDS, LUST
27705	U003136283	0-016128	DURHAM GARAGE	4412 HILLSBOROUGH STREET		DURHAM	NC	UST
27705	1004745750 S110986978	110004038960	TRIANGLE TRUCK & AUTO CTR			DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS
27705 27705	1001027508	110004053265	EUROCLASSICS SURFACE SPILLS JAKES TRANSMISSIONS	4520 HILLSBOROUGH RD. 4533 HILLSBOROUGH RD		DURHAM	NC	RCRAInfo-SQG, FINDS
27705	1007703697	110018602895	THE COUNTRY STORE	4630 HILLSBOROUGH ROAD		DURHAM	NC	FINDS
27705	U001188560 U001195731	0-003900	THE COUNTRY STORE SHOP-N-GO FOOD MART	4630 HILLSBOROUGH ROAD 4640 HILLSBOROUGH RD.		DURHAM DURHAM	NC NC	UST UST
27705 27705	1007726505	0-015223 110018831442	SHOP-N-GO FOOD MART SHOP-N-GO FOOD MART	4640 HILLSBOROUGH RD. 4640 HILLSBOROUGH ROAD		DURHAM	NC	FINDS
27705	1007702646	110018592398	FOODLAND SUPER MARKET LA MARGRETA	4701 HILLSBOROUGH ROAD		DURHAM	NC	FINDS
27705	U003136258	0-016057	LA MARGRETA	4701 HILLSBOROUGH ROAD 4701 HILLSBOROUGH ROAD		DURHAM	NČ	UST
27705 27705	U003136199 1007694676	0-015893 110018512563	C W J HEATING & AIR COND IN C W J HEATING AND AIR COND IN	4901 HILLSBOROUGH STREET 4901 HILLSBOROUGH STREET		DURHAM DURHAM	NC NC	UST FINDS
27705	1007709260	110018658521	BETH T KANTNER	HILLSBOROUGH ROAD (3529 - 3557)	**	DURHAM	NC	FINDS
27705	U001206098	0-031976	BETH T KANTNER	HILLSBOROUGH ROAD (3529 - 3557)		DURHAM	NC	UST
27705	1007696970	110018535557	DUANE D GWYN DUANE D GWYN	4916 HILLSBROUGH ROÀD 4916 HILLSBROUGH ROAD		DURHAM DURHAM	NC NC	FINDS
27705 27705	U001439815 S108925731	0-032661	2102 HINESLEY ROAD	2102 HINESLEY RD		DURHAM	NC	UST NPDES
27705	1004552073	110009847568	PAR CONSTRUCTION COMPANY	2102 HINESLY ROAD 3533 HLLSBOROUGH ROAD	**	DURHAM	NC	FINDS
27705	U003136374	0-016517	MAOLA MILK & ICE CREAM CO.	3533 HLLSBOROUGH ROAD		DURHAM	NC	UST
27705 27705	1007723230 U001206097	110018798693 0-031975	NORTH HOOVER WAREHOUSE	224 NORTH HOOVER ROAD 224 NORTH HOOVER ROAD		DURHAM DURHAM	NC NC	FINDS IMD, LUST, UST
27705	1009652664	110027380965	NORTH HOOVER WAREHOUSE NEW HORIZON CHURCH	100 HORIZON PLACE	**	DURHAM	NC	FINDS
27705	S110987161		YERGAN PROPERTY	3710 HULON DRIVE		DURHAM	NC	LUST
27705 27705	1011404186 1010786716	110035430575 NCS000000815	BULL CITY RADIATOR & AUTO SERVICE BULL CITY RADIATOR & AUTO SERVICE	4918 US HWY 70W 4918 US HWY 70W	**	DURHAM DURHAM	NC NC	FINDS RCRA-NonGen
27705	99643352	NC300000015	INTERSECTION OF ENGLEWOOD AVE AN	INTERSECTION OF ENGLEWOOD AVE AN	**	WEST DURHAM	NC	ERNS
27705	1007726293 1000841845	110018829339	DURHAM AUTO SERVICE	722 IREDELL		DURHAM	NC	FINDS
27705	1000841845	110004019222	DURHAM AUTO BODY INC	722 IREDELL ST	C, East, 1/8 - 1/4	DURHAM	NC	RCRA-NonGen, FINDS
27705 27705	1001817880 S108492143	NHD000845479	DURHAM AUTO BODY INC 912 JONES CIRCLE	IREDELL ST 912 JONES CIR		DURHAM DURHAM	NC NC	RCRA-NonGen NPDES
27705	1005539026	110006712236	HOWARD, LUCY / 912 JONES CIR.	912 JONES CIRCLE		DURHAM	NC	FINDS
27705	S108492144		914 JONES CIRCLE	914 JONES CIR		DURHAM	NC	NPDES
27705 27705	1005539027	110006712245	HOWARD, LUCY / 914 JONES CIR. 916 JONES CIRCLE	914 JONES CIRCLE 916 JONES CIR		DURHAM DURHAM	NC NC	FINDS NPDES
27705	S108492145 1005539028	110006673046	HOWARD, LUCY / 916 JONES CIR.	916 JONES CIR 916 JONES CIRCLE		DURHAM	NC	FINDS
27705	S108492115		917 JONES CIRCLE	917 JONES CIR		DURHAM	NC	NPDES
27705	1005538975	110009846998	HIGHT, ROBERT / 917 JONES CIR.	917 JONES CIRCLE		DURHAM	NC	FINDS
27705 27705	S108492146 1005539029	110006712254	918 JONES CIRCLE HOWARD, LUCY / 918 JONES CIR.	918 JONES CIR 918 JONES CIRCLE		DURHAM DURHAM	NC NC	NPDES FINDS
27705	S108492147	. 100007 12204	919 JONES CIRCLE	919 JONES CIR		DURHAM	NC	NPDES

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27705	1005539030	110006712263	HOWARD, LUCY / 919 JONES CIR.	919 JONES CIRCLE		DURHAM	NC	FINDS
27705 27705	S108492116 1005538976	110009847005	920 JONES CIRCLE HIGHT, ROBERT / 920 JONES CIR.	920 JONES CIR 920 JONES CIRCLE		DURHAM DURHAM	NC NC	NPDES FINDS
27705 27705	S108492117 1005538977	110009847014	921 JONES CIRCLE HIGHT, ROBERT / 921 JONES CIR.	921 JONES CIR 921 JONES CIRCLE		DURHAM DURHAM	NC NC	NPDES FINDS
27705	S108492148		923 JONES CIRCLE	923 JONES CIR		DURHAM	NC	NPDES
27705 27705	1005538971 S108492118	110009719046	HOWARD, LUCY / 923 JONES CIR. 924 JONES CIRCLE	923 JONES CIRCLE 924 JONES CIR		DURHAM DURHAM	NC NC	FINDS NPDES
27705 27705	1005538978 S108492119	110006711843	HIGHT, ROBERT / 924 JONES CIR. 926 JONES CIRCLE	924 JONES CIRCLE 926 JONES CIR		DURHAM DURHAM	NC NC	FINDS NPDES
27705	1005538979	110006711852	HIGHT, ROBERT / 926 JONES CIR.	926 JONES CIRCLE		DURHAM	NC	FINDS
27705 27705	S108492149 1005538972	110006712272	927 JONES CIRCLE HOWARD, LUCY / 927 JONES CIR.	927 JONES CIR 927 JONES CIRCLE		DURHAM DURHAM	NC NC	NPDES FINDS
27705	S108492120		928 JONES CIRCLE HIGHT, ROBERT / 928 JONES CIR.	928 JONES CIR		DURHAM	NC	NPDES
27705 27705	1005538980 S108492150	110009847023	931 JONES CIRCLE	928 JONES CIRCLE 931 JONES CIR		DURHAM DURHAM	NC NC	FINDS NPDES
27705 27705	1005538973 U001205894	110006712281 0-031622	HOWARD, LUCY / 931 JONES CIR. KNOX CENTRAL OFFICE	931 JONES CIRCLE 1807 KNOX STREET		DURHAM DURHAM	NC NC	FINDS UST
27705	1007697382	110018539697	KNOX CENTRAL OFFICE	1807 KNOX STREET		DURHAM	NC	FINDS
27705 27705	U003562896 1007726110	0-021733 110018827509	PRIME EQUIPMENT 420 ADAMS PRODUCTS CO.	200 S LA SALLE ST 106 LANE SALLE STREET	**	DURHAM DURHAM	NC NC	UST FINDS
27705	1007702402	110018589927	PRIME EQUIPMENT NUMBER 420	106 LANE SALLE STREET 200 SOUTH LANE SALLE STREET	**	DURHAM	NC	FINDS
27705 27705	1000910951 2008862688	110004045373	RENTAL SERVICE CORP 311 S. LASALLE STREET	200 S LASALLE ST 311 S. LASALLE STREET		DURHAM DURHAM	NC NC	RCRA-CESQG, FINDS ERNS
27705	1007704067	110018606604	THE PANTRY #171	412 LASALLE STREET		DURHAM	NC	FINDS
27705 27705	U001202612 1007701858	0-025815 110018584502	CRUIZERS 23 EXXON FOOD SHOP #23	100 LATTA ROAD 100 LATTA ROAD		DURHAM DURHAM	NC NC	UST FINDS
27705	1008388991	110022566212	SOUTH LANDING SUBDIVISION / LO	LOT 10 S LANDING DR	**	DURHAM	NC	FINDS
27705 27705	1007695041 S110729088	110018516211	SANDERS NORMAN J JR RESID 4420 LUNSFORD DRIVE	LOT 7 DUNNAWAY LANDING 4420 LUNSFORD DR		SEMORA DURHAM	NC NC	FINDS UIC
27705	1007728049	110018846999	GEORGE W KANE INCORPORATED	421 MACON STREET		DURHAM	NC	FINDS
27705 27705	U001187306 1007709315	0-001959 110018659129	MASSENGILS 66 MASSENGILS 66	1802 WEST MAIN STREET 1802 WEST MAIN STREET		DURHAM DURHAM	NC NC	UST FINDS
27705	U003144874	0-016379	MASSENGILS 66 WEST DURHAM BP SERVICE 450	1922 W MAIN STREET	D, SE, 1/8 - 1/4	DURHAM	NC NC	UST
27705 27705	1007702315 1004745339	110018589080 110006825739	WEST DURHAM BP SERVICE BURLINGTON	1922 WEST MÁIN STREET 2100 W MAIN ST	1, SSW, 0 - 1/8	DURHAM DURHAM	NC	FINDS RCRA-NonGen, FINDS
27705 27705	U003136169 1007703374	0-015801 110018599667	COUCH'S GAS SERVICE COUCH S GAS SERVICE	1811 WEST MARKHAM AVENUE 1811 WEST MARKHAM AVENUE		DURHAM DURHAM	NC NC	UST FINDS
27705	1007695478	110018520625	GWALTNEY PLANT	706 EAST MARKHAM AVENUE		DURHAM	NC	FINDS
27705 27705	S110629458 1005671617	110010708724	O'BRIEN PROPERTY COUNTRY SQUIRE_MHP	1405 MARYLAND AVE 2001 MEADOW RD		DURHAM DURHAM	NC NC	FINDS
27705	1011579110		COUNTRY SQUIRE MHP	2001 MEADOW RD DURHAM NC 27705-		DURHAM	NC	ICIS
27705 27705	1007728072 U001188328	110018847220 0-003503	CARTUNE. INCORPORATED CARTUNE. INC.	1619 SOUTH MIAMI BOULEVARD 1619 SOUTH MIAMI BOULEVARD		DURHAM DURHAM	NC NC	FINDS UST
27705	1008389749	110022562966	TRIANGLE BP SITE	5220 S MIAMI BLVD		DURHAM	NC	FINDS
27705 27705	S108492870 1009403481	110024933964	TRIANGLE BP SITE MM FOWLER INCORPORATED	5220 S MIAMI BLVD 5220 SOUTH MIAMI BOULEVARD		DURHAM DURHAM	NC NC	NPDES FINDS
27705	1007713601	110018702019	CONIFER GLEN APARTMENTS	20 MORCROFT LANE		DURHAM	NC	FINDS
27705 27705	1010039577 1008305139	110028208482 110021962161	CHAPEL TOWER FOREST VIEW ELEMENTARY	1315 MORREENE ROAD 3007 MOUNT SINAI RD		DURHAM DURHAM	NC NC	FINDS FINDS
27705	1007713359	110018699602	MT SINAI BAPTIST CHURCH	5222 MOUNT SINAI ROAD		DURHAM	NC	FINDS
27705 27705	1007696917 1008903907	110018535058 110022905935	MAGNOLIA GARDENS STONEGATE MHP WTP	5935 MOUNT SINAI ROAD 6710-103 MOUNT HERMAN CHURCH R	**	DURHAM DURHAM	NC NC	FINDS FINDS
27705	S108281105	0.000114	STONEGATE MOBILE HOME PARK WTP CAROLINA BUILDERS CORPDURHA	6710-103 MOUNT HERMAN CHURCH RD 6801 MOUNT HERMAN CHURCH RD		DURHAM DURHAM	NC	NPDES
27705 27705	U003145425 S110630314	0-020114	6801 MOUNT HERMAN CHURCH ROAD	6801 MOUNT HERMAN CHURCH RD		DURHAM	NC NC	UST NPDES
27705 27705	1007722803 S110729074	110018794429	CAROLINA BUILDERS CORPDURHA 5106 MURPHY SCHOOL RD SFR	6801 MOUNT HERMAN CHURCH ROAD 5106 MURPHY SCHOOL RD		DURHAM DURHAM	NC NC	FINDS UIC
27705	1007717766	110018743831	COMFORT ENGINEERS. INCORPORATED	4008 NEAL ROAD		DURHAM	NC	FINDS
27705 27705	U003135404 S109228958	0-012988	COMFORT ENGINEERS. INC. 2320 EAST CLUB BOULEVARD	4008 NEAL ROAD 4220 NEAL RD		DURHAM DURHAM	NC NC	UST NPDES
27705	1011930237	110037513027	2320 EAST CLUB BOULEVARD	4220 NEAL RD		DURHAM	NC	FINDS
27705 27705	U003136185 1007725333	0-015857 110018819732	BYRD TRACTOR & EQUIPMENT-DURH BYRD TRACTOR AND EQUIPMENT-DURH	4911 NEAL ROAD 4911 NEAL ROAD		DURHAM DURHAM	NC NC	UST FINDS
27705	1007707706	110018643002	BENNETT CENTRAL OFFICE	5011 NEAL DRIVE		DURHAM	NC	FINDS
27705 27705	U001205897 U003143175	0-031625 0-005330	BENNETT CENTRAL OFFICE BRYANT-DURHAM ELECTRIC CO., I	5011 NEAL DRIVE 5102 NEAL ROAD		DURHAM DURHAM	NC NC	UST UST
27705	1007723009	110018796481	BRYANT-DURHAM ELECTRIC CO I BRYANT-DURHAM ELECTRIC CO I	5102 NEAL ROAD		DURHAM	NC	FINDS
27705 27705	U001205164 1007706042	0-030203 110018626361	LEE AIR CONDITIONERS INC LEE AIR CONDITIONERS INCORPORATED	5109 NEAL ROAD 5109 NEAL ROAD		DURHAM DURHAM	NC NC	LUST, UST FINDS
27705	U001558720	0-033603	GLOBE COMMUNICATIONS	5112 NEALL RD		DURHAM	NC	UST

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27705	1007710129	110018667263	GLOBE COMMUNICATIONS	5112 NEALL ROAD		DURHAM	NC	FINDS
27705	1007694821	110018514017	FIRE STATION #2	1001 NINTH STREET			NC	FINDS
27705 27705	U003144780 1007703154	0-015879 110018597464	FIRE STATION 2 NINTH STREET ASSOCIATES	1001 NINTH STREET 720 NINTH STREET		DURHAM DURHAM	NC NC	UST FINDS
27705	U003136181	0-015839	NINTH STREET ASSOCIATES	720 NINTH STREET	A, East, 0 - 1/8	DURHAM	NČ	UST
27705	1004745960	110004043071	BERNARD'S FORMAL WEARE INC	734 NINTH ST	4, East, 1/8 - 1/4	DURHAM	NC	RCRA-CESQG, FINDS
27705 27705	1000397627 S110729083	110001503846	WHITE STAR CLEANERS 1405 OAKLAND AVE	904 NINTH STREET 14505 OAKLAND AVE	**	DURHAM DURHAM	NC NC	RCRAInfo-SQG, FINDS UIC
27705	1012301502	110040076100	DUKE SCHOOL	3716 OLD ERWIN ROAD	**	DURHAM	NC	FINDS
27705	1007714012	110018706140	MT HERMON BAPTIST CHURCH DAYCARE	4511 OLD HIGHWAY 10	**	DURHAM	NC	FINDS
27705 27705	S108492403 1004551013	110006672074	5131 OLD HILLSBOROUGH ROAD MIKE FINCH - RESIDENCE	5131 OLD HILLSBOROUGH RD 5131 OLD HILLSBOROUGH ROAD		DURHAM DURHAM	NC NC	NPDES FINDS
27705	S108491518	110000072074	935 OLD OXFORD ROAD	935 OLD OXFORD RD		DURHAM	NC	NPDES
27705	1005538838	110010826446	GENERAL ELECTRIC	OLD RALEIGH RD. PO BOX 12017	**	DURHAM	NC	AST, FINDS
27705	S110629375	110011000070	SPEIGHT PROPERTY	1115 ONSLOW DRIVE		DURHAM	NC	
27705 27705	1004546634 U003146851	110011929672 0-031480	HILL LEARNING DEVELOPMENT CENTER VACANT	3130 PICKETT ROAD PICKETT ROAD	**	DURHAM DURHAM	NC NC	FINDS UST
27705	1007727424	110018840691	VACANT	PICKETT ROAD	**	DURHAM	NC	FINDS
27705	S110493114	440000500040	3401 PICKETTE ROAD	3401 PICKETTE RD		DURHAM	NC	NPDES
27705 27705	1010231153 S108491384	110029526243	3805 PICKRAM CIRCLE 3805 PICKRAN CIRCLE	3805 PICKRAM CIR 3805 PICKRAN CIR		DURHAM DURHAM	NC NC	FINDS NPDES
27705	1007717157	110018737731	EBENEZER BAPTIST CHURCH	1210 PLEASANT GREEN ROAD		DURHAM	NC	FINDS
27705	S108492198		1701 PLEASANT GREEN ROAD	1701 PLEASANT GREEN RD		DURHAM	NC	NPDES
27705	1005676160	110006711585	HARRIS, JEROME SRESIDENCE	1701 PLEASANT GREEN ROAD		DURHAM DURHAM	NC	FINDS
27705 27705	1007713872 S108491452	110018704696	PLEASANT GREEN METHODIST CH 5739 PLEASANT HILL DRIVE	3005 PLEASANT GREEN ROAD 5739 PLEASANT HILL DR		DURHAM	NC NC	FINDS NPDES
27705	1008389208	110022567881	JEANNETE E. THOMPSON	5739 PLEASANT HILL DR		DURHAM	NC	FINDS
27705	1004747025	110004060630	COSTCO GASOLINE STATION #249	1510 NORTH POINTE DR		DURHAM	NC	RCRA-CESQG, FINDS
27705 27705	U003755184 1005443943	0-036188 110012553101	COSTCO WHOLESALE #249 HOME DEPOT #3632	1510 NORTH POINTE DRIVE 1700 NORTH POINTE DR		DURHAM DURHAM	NC NC	UST RCRAInfo-SQG, FINDS
27705	1007704395	110018609870	TRAFFIC SERVICES DEPARTMENT	PRISON CAMP ROAD	**	DURHAM	NC	FINDS
27705	U001202424	0-025549	TRAFFIC SERVICES DEPARTMENT	PRISON CAMP ROAD		DURHAM	NC	UST
27705 27705	1000536022 1007705593	0-003284	CLEGG'S TERMITE & PEST CONTRO CLEGG S TERMITE AND PEST CONTRO	2401 REICHARD STREET 2401 REICHARD STREET		DURHAM DURHAM	NC NC	UST FINDS
27705	1000305562	110018621892 110004029248	JOHN MCCURLEY'S BODY SHOP	2401 REICHARD STREET		DURHAM	NC	RCRA-NonGen, FINDS
27705	1007696083	110018526683	GARBARD SAUSAGE	3263 ROSE OF SHARON ROAD		DURHAM	NC	FINDS
27705	S108491358	110005000040	3028 ROSEWOOD CIRCLE 3028 ROSEWOOD CIRCLE	3028 ROSEWOOD CIR		DURHAM	NC	NPDES
27705 27705	1009599822 1009599821	110025202340 110025202288	3028 ROSEWOOD CIRCLE 3034 ROSEWOOD DRIVE	3028 ROSEWOOD CIR 3034 ROSEWOOD DR		DURHAM DURHAM	NC NC	FINDS FINDS
27705	S108491359	110020202200	3034 ROSEWOOD DRIVE 3038 ROSEWOOD CIRCLE	3034 ROSEWOOD DR 3038 ROSEWOOD CR		DURHAM	NC	NPDES
27705	S108491850		3038 ROSEWOOD CIRCLE	3038 ROSEWOOD CR		DURHAM	NC	NPDES
27705 27705	1007722135 1008389167	110018787730 110022567417	CHAO, ISSAC 3057 ROSEWOOD DRIVE	3038 ROSEWOOD CREEK 3057 ROSEWOOD DR		DURHAM DURHAM	NC NC	FINDS FINDS
27705	S108925764	110022307417	3057 ROSEWOOD DRIVE	3057 ROSEWOOD DR		DURHAM	NC	NPDES
27705	U003136488	0-016835	MCBROOM'S. INC.	3325 N ROXBORO ROAD		DURHAM	NC	UST
27705	1007716677	110018732923	MCBROOM S. INCORPORATED	3325 NORTH ROXBORO ROAD	**	DURHAM	NC	FINDS
27705 27705	1005637240 1007726262	110009848825 110018829026	RIVERVIEW 76 SERVICE STATION THE FOOD MART	4915 ROXBORO ROAD 5801 ROXBORO ROAD	**	DURHAM DURHAM	NC NC	FINDS FINDS
27705	U003136276	0-016110	FAST FOOD MART 4	5801 ROXBORO ROAD		DURHAM	NC	UST
27705	1007721988	110018786269	FLOWERS BAKING CO.	ROXBORO ROAD	**	DURHAM	NC	FINDS
27705 27705	U001192511 U003144738	0-010223 0-015616	FLOWERS BAKING CO. ADAMS PRODUCTS CO.	ROXBORO ROAD 106 LA SALLE STREET		DURHAM DURHAM	NC NC	UST UST
27705	1007696079	110018526638	HYDRO SERVICES INCORPORATED	3200 SANDY CREEK DRIVE		DURHAM	NČ	FINDS
27705	2008867456		1101 SEDGEFIELD STREET	1101 SEDGEFIELD STREET	**	DURHAM	NC	ERNS
27705 27705	1007706830 1009669980	110018634245 110027861552	SINGER RESIDENCE PETER PETTUS, STEPHEN	SEVEN SPRINGS ROAD 3321 SHADY GROVE ROAD	**	HILLSBORO DURHAM	NC NC	FINDS FINDS
27705	S108664909	33287	TRINITY BUILDERS PROPERTY	3919 SHOCCUREE DRIVE		DURHAM	NC	LUST
27705	U000831993	0-032943	MAGNOLIA GARDENS	5935 MT SINAI ROAD		DURHAM	NC	UST
27705	S110995344	110004020406	DAVID AND VICTORIA JAMIESON-DRAKE			DURHAM	NC	UIC
27705 27705	1009405873 1007703005	110024939496 110018595983	GOLI, VEERAINDAR SUGGS PLUMBING AND HEATING. INCOR	8 SINCLAIR CIRCLE 2122 SOVEREIGN STREET		DURHAM DURHAM	NC NC	FINDS FINDS
27705	U001196180	0-015891	SUGGS PLUMBING & HEATING. INC	2122 SOVEREIGN STREET		DURHAM	NČ	IMD, LUST, UST
27705	1008306481	110021970081	E K POWE ELEMENTARY	913 9TH ST		DURHAM	NC	FINDS
27705 27705	1007722779 U001187998	110018794198 0-002991	9TH STREET AMOCO 9TH STREET AMOCO	770 9TH STREET 770 9TH STREET	B, ENE, 1/8 - 1/4	DURHAM DURHAM	NC NC	FINDS UST
27705	1007726276	110018829160	WHITE STAR LAUNDRY. INCORPORATED	900 9TH STREET	2, LNL, 1/0 - 1/4	DURHAM	NC	FINDS
27705	U001195830	0-015374	WHITE STAR LAUNDRY. INC.	900 9TH STREET	**	DURHAM	NC	UST
27705 27705	2008876832 96478961		8 SUMNER CIRCLE 5424 SUNNY RIDGE RD	8 SUMNER CIRCLE 5424 SUNNY RIDGE RD	**	DURHAM DURHAM	NC NC	ERNS ERNS
27705	96481773		5424 SUNNY RIDGE RD	5424 SUNNY RIDGE RD		DURHAM	NC	ERNS
27705	1010038957	110028211539	MORREENE MANOR APARTMENTS	3600 TREEMONT DRIVE, APT. A-5		DURHAM	NC	FINDS

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27705	S108966483		SEVEN ELEVEN STORE PROPERTY # 105	609 TRENT DRIVE	31, WNW, 1/4 - 1/2	DURHAM	NC	LUST
27705	U001195890	0-015486	SEVEN ELEVEN STORE 1054-11944	609 TRENT STREET @ EDMOND	**	DURHAM	NC	UST
27705	1007726449	110018830899	SEVEN ELEVEN STORE 1054-11944	609 TRENT STREET @ EDMOND		DURHAM	NC	FINDS
27705 27705	1004552075 1007713744	110006672412 110018703429	KENNEDY, JACQUIE - RESIDENCE ORANGE MHP	4008 TREVOR CIRCLE 2707 UNIVERSITY STATION ROAD		DURHAM DURHAM	NC NC	FINDS FINDS
27705	U001196096	0-015785	HOPE VALLEY 66	3211 UNIVERSITY DRIVE		DURHAM	NC	UST
27705	1007703325	110018599186	M AND S CAR CARE	3211 UNIVERSITY DRIVE		DURHAM	NC	FINDS
27705	S110629390	110010000100	JOHNSON PROPERTY	909 VIRGIE STREET	18, North, 1/8 - 1/4	DURHAM	NČ	1 mbo
27705	1007713600	110018702000	THE LANDING APARTMENTS	18 WEATHERHILL ROAD	-, - ,	DURHAM	NČ	FINDS
27705	1007696074	110018526594	SIMONS RESIDENCE GORDON	2937 WELCOME DRIVE		DURHAM	NC	FINDS
27705	U001186832	0-001236	PEPSI-COLA BOTTLING CO OF DUR	2717 WESTERN BY-PASS	**	DURHAM	NC	UST
27705	1007711691	110018682870	PEPSI-COLA BOTTLING CO OF DUR	2717 WESTERN BY-PASS	**	DURHAM	NC	FINDS
27705	1009666978	110025397693	ODLE, JAMIE N	5835 WILKINS DRIVE		DURHAM	NC	FINDS
27705	S110630284		BIRCHWOOD MOBILE HOME PARK	5901 WILKINS DR		DURHAM	NC	NPDES
27705	1011906375	110037236826	HORIZON TANK LINE	3534 WORTHAM STREET		DURHAM	NC	FINDS
27705	1011901870		HORIZON TANK LINE	3534 WORTHAM STREET DURHAM	NC	DURHAM	NC	ICIS

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: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 62 Source: EPA Telephone: N/A Last EDR Contact: 07/12/2011 Next Scheduled EDR Contact: 10/24/2011 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 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

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.

EPA Region 6

EPA Region 7

EPA Region 8

EPA Region 9

Telephone: 214-655-6659

Telephone: 913-551-7247

Telephone: 303-312-6774

Telephone: 415-947-4246

Date of Government Version: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 62

Source: EPA Telephone: N/A Last EDR Contact: 07/12/2011 Next Scheduled EDR Contact: 10/24/2011 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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

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: 03/31/2011 Date Data Arrived at EDR: 04/13/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 62 Source: EPA Telephone: N/A Last EDR Contact: 07/12/2011 Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 62 Source: EPA Telephone: 703-412-9810 Last EDR Contact: 09/01/2011 Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 36 Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 07/15/2011 Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 62 Source: EPA Telephone: 703-412-9810 Last EDR Contact: 09/01/2011 Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/09/2011 Date Data Arrived at EDR: 03/15/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 91 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 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: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011 Number of Days to Update: 32 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 07/07/2011 Next Scheduled EDR Contact: 10/17/2011 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: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011 Number of Days to Update: 32 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 07/07/2011 Next Scheduled EDR Contact: 10/17/2011 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: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011 Number of Days to Update: 32 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 07/07/2011 Next Scheduled EDR Contact: 10/17/2011 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: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011 Number of Days to Update: 32 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 07/07/2011 Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/08/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 81 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 08/08/2011 Next Scheduled EDR Contact: 09/26/2011 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: 04/05/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 70 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 07/05/2011 Next Scheduled EDR Contact: 10/17/2011 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: 04/06/2006	Source: North Carolina Center for Geographic Information and Analysis
Date Data Arrived at EDR: 02/28/2007	Telephone: 919-754-6580
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 08/09/2011
Number of Days to Update: 44	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Sites Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/08/2011	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 07/11/2011	Telephone: 919-508-8400
Date Made Active in Reports: 08/17/2011	Last EDR Contact: 06/20/2011
Number of Days to Update: 37	Next Scheduled EDR Contact: 10/03/2011
	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: 07/05/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/05/2011	Telephone: 919-733-0692
Date Made Active in Reports: 07/27/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Semi-Annually

OLI: Old Landfill Inventory

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

Date of Government Version: 07/08/2011	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 07/20/2011	Telephone: 919-733-4996
Date Made Active in Reports: 08/17/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Regional UST Database

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

Date of Government Version: 05/12/2011 Date Data Arrived at EDR: 05/18/2011 Date Made Active in Reports: 06/16/2011 Number of Days to Update: 29 Source: Department of Environment and Natural Resources Telephone: 919-733-1308 Last EDR Contact: 08/17/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Quarterly

LUST TRUST: State Trust Fund Database

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

Date of Government Version: 07/15/2011 Date Data Arrived at EDR: 07/20/2011 Date Made Active in Reports: 08/17/2011 Number of Days to Update: 28 Source: Department of Environment and Natural Resources Telephone: 919-733-1315 Last EDR Contact: 04/20/2011 Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 05/12/2011	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 05/18/2011	Telephone: 877-623-6748
Date Made Active in Reports: 06/16/2011	Last EDR Contact: 08/17/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/28/2011
	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: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 48	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly
INDIAN LUST R4: Leaking Underground Storage T LUSTs on Indian land in Florida, Mississippi ar	
Date of Government Version: 03/03/2011 Date Data Arrived at EDR: 03/18/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 45	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Semi-Annually
INDIAN LUST R10: Leaking Underground Storage LUSTs on Indian land in Alaska, Idaho, Orego	
Date of Government Version: 05/17/2011 Date Data Arrived at EDR: 05/19/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 26	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly
INDIAN LUST R1: Leaking Underground Storage T A listing of leaking underground storage tank lo	
Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 05/20/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 25	Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/02/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies
INDIAN LUST R6: Leaking Underground Storage T LUSTs on Indian land in New Mexico and Okla	
Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 34	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies
INDIAN LUST R7: Leaking Underground Storage T LUSTs on Indian land in Iowa, Kansas, and Ne	
Date of Government Version: 11/04/2009 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 07/07/2010 Number of Days to Update: 64	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/02/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies
INDIAN LUST R8: Leaking Underground Storage T LUSTs on Indian land in Colorado, Montana, N	anks on Indian Land Iorth Dakota, South Dakota, Utah and Wyoming.
Date of Government Version: 05/16/2011 Date Data Arrived at EDR: 05/17/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 28	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

JST: 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: 05/12/2011 Date Data Arrived at EDR: 05/18/2011 Date Made Active in Reports: 06/16/2011 Number of Days to Update: 29	Source: Department of Environment and Natural Resources Telephone: 919-733-1308 Last EDR Contact: 08/17/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Quarterly
AST: AST Database Facilities with aboveground storage tanks that	at have a capacity greater than 21,000 gallons.
Date of Government Version: 06/27/2011 Date Data Arrived at EDR: 06/27/2011 Date Made Active in Reports: 07/26/2011 Number of Days to Update: 29	Source: Department of Environment and Natural Resources Telephone: 919-715-6183 Last EDR Contact: 06/27/2011 Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Semi-Annually
	Indian Land) database provides information about underground storage tanks on Indian Iorth Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).
Date of Government Version: 05/16/2011 Date Data Arrived at EDR: 05/17/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 28	Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly
INDIAN UST R7: Underground Storage Tanks on The Indian Underground Storage Tank (UST land in EPA Region 7 (Iowa, Kansas, Missou) database provides information about underground storage tanks on Indian
Date of Government Version: 04/01/2011 Date Data Arrived at EDR: 06/01/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 13	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/02/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies
	Indian Land) database provides information about underground storage tanks on Indian /assachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal
Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 05/04/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 41	Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/02/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies
• • •	Indian Land) database provides information about underground storage tanks on Indian awaii, Nevada, the Pacific Islands, and Tribal Nations).
Date of Government Version: 05/18/2011 Date Data Arrived at EDR: 05/26/2011 Date Made Active in Pagente: 06/14/2011	Source: EPA Region 9 Telephone: 415-972-3368

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Quarterly

Date Made Active in Reports: 06/14/2011 Number of Days to Update: 19

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: 03/03/2011	Source: EPA Region 4
Date Data Arrived at EDR: 03/18/2011	Telephone: 404-562-9424
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/17/2011	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2011	Telephone: 206-553-2857
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/14/2011
·······	Data Release Frequency: Quarterly

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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/01/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 68

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 08/01/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/18/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: No Further Action Sites With Land Use Restrictions Monitoring A land use restricted site is a property where there are limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site.

Date of Government Version: 07/08/2011	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 07/11/2011	Telephone: 919-508-8400
Date Made Active in Reports: 08/17/2011	Last EDR Contact: 12/17/2110
Number of Days to Update: 37	Next Scheduled EDR Contact: 10/03/2011
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.		
Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 04/05/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 70	Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/05/2011 Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies	
INDIAN VCP R7: Voluntary Cleanup Priority Lisitng A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.		
Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008 Number of Days to Update: 27	Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies	

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

Date of Government Version: 07/08/2011	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 07/11/2011	Telephone: 919-508-8400
Date Made Active in Reports: 08/17/2011	Last EDR Contact: 06/20/2011
Number of Days to Update: 37	Next Scheduled EDR Contact: 10/03/2011
	Data Release Frequency: Semi-Annually

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 liabitly control.

Date of Government Version: 09/30/2010 Date Data Arrived at EDR: 04/15/2011 Date Made Active in Reports: 05/04/2011 Number of Days to Update: 19 Source: Department of Environment and Natural Resources Telephone: 919-733-4996 Last EDR Contact: 07/15/2011 Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/29/2011 Date Data Arrived at EDR: 03/29/2011 Date Made Active in Reports: 06/14/2011 Number of Days to Update: 77 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 06/27/2011 Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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: 06/27/2011 Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: No Update Planned
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	Source: Department of Environment & Natural Resources Telephone: 919-733-0692 Last EDR Contact: 01/19/2009

 Number of Days to Update: 17
 Next Scheduled EDR Contact: 04/19/2009

 Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/08/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

Location of open dumps on Indian land.

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: 02/02/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/17/2011	Telephone: 202-307-1000
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/07/2011
Number of Days to Update: 46	Next Scheduled EDR Contact: 09/19/2011
	Data Release Frequency: Quarterly

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: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 87 Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 08/12/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 31 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 07/11/2011 Next Scheduled EDR Contact: 09/05/2011 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: 12/31/2010 Date Data Arrived at EDR: 01/05/2011	Source: U.S. Department of Transportation Telephone: 202-366-4555
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: (404) 562-8651
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 07/07/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/12/2011	Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/11/2011	Telephone: 202-366-4595
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/09/2011
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 62 Source: USGS Telephone: 888-275-8747 Last EDR Contact: 07/22/2011 Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009	S
Date Data Arrived at EDR: 08/12/2010	Т
Date Made Active in Reports: 12/02/2010	La
Number of Days to Update: 112	N

Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 06/14/2011 Next Scheduled EDR Contact: 09/26/2011 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: 12/31/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/05/2011	Telephone: Varies
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/01/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 03/16/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 5

Source: EPA Telephone: 703-416-0223 Last EDR Contact: 06/15/2011 Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 99	Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/31/2011 Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Varies
MINES: Mines Master Index File Contains all mine identification numbers issue violation information.	ed for mines active or opened since 1971. The data also includes
Date of Government Version: 02/08/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 54	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 06/08/2011 Next Scheduled EDR Contact: 09/19/2011 Data Release Frequency: Semi-Annually
TRIS: Toxic Chemical Release Inventory System Toxic Release Inventory System. TRIS identif land in reportable quantities under SARA Title	fies facilities which release toxic chemicals to the air, water and a III Section 313.
Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/17/2010 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 94	Source: EPA Telephone: 202-566-0250 Last EDR Contact: 09/01/2011 Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Annually
	es manufacturers and importers of chemical substances included on the acludes data on the production volume of these substances by plant
Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 64	Source: EPA Telephone: 202-260-5521 Last EDR Contact: 06/30/2011 Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Every 4 Years
FTTS tracks administrative cases and pesticion	ederal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) de enforcement actions and compliance activities related to FIFRA, I Community Right-to-Know Act). To maintain currency, EDR contacts the
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: 08/31/2011 Next Scheduled EDR Contact: 12/12/2011 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: 08/31/2011 Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009 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: 08/18/2011 Next Scheduled EDR Contact: 11/14/2011 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: 01/07/2011 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011 Number of Days to Update: 59 Source: Environmental Protection Agency Telephone: 202-564-5088 Last EDR Contact: 06/27/2011 Next Scheduled EDR Contact: 10/10/2011 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: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 06/13/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/26/2011
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 34 Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 07/12/2011 Next Scheduled EDR Contact: 10/24/2011 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010 Number of Days to Update: 41 Source: EPA Telephone: (404) 562-9900 Last EDR Contact: 06/14/2011 Next Scheduled EDR Contact: 09/26/2011 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995SourceDate Data Arrived at EDR: 07/03/1995TelephDate Made Active in Reports: 08/07/1995Last ENumber of Days to Update: 35Next S

Source: EPA Telephone: 202-564-4104 Last EDR Contact: 06/02/2008 Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011	Source: EPA/NTIS Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Biennially

IMD: Incident Management Database Groundwater and/or soil contamination inciden	its
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: Quarterly
UIC: Underground Injection Wells Listing A listing of uncerground injection wells locations.	
Date of Government Version: 05/31/2011 Date Data Arrived at EDR: 05/31/2011 Date Made Active in Reports: 06/23/2011 Number of Days to Update: 23	Source: Department of Environment & Natural Resources Telephone: 919-733-3221 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies
DRYCLEANERS: Drycleaning Sites Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.	
Date of Government Version: 06/01/2011 Date Data Arrived at EDR: 06/29/2011 Date Made Active in Reports: 07/27/2011 Number of Days to Update: 28	Source: Department of Environment & Natural Resources Telephone: 919-508-8400 Last EDR Contact: 06/29/2011 Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Varies
NPDES: NPDES Facility Location Listing General information regarding NPDES(National Pollutant Discharge Elimination System) permits.	
Date of Government Version: 05/12/2011 Date Data Arrived at EDR: 05/13/2011 Date Made Active in Reports: 06/16/2011 Number of Days to Update: 34	Source: Department of Environment & Natural Resources Telephone: 919-733-7015 Last EDR Contact: 08/22/2011 Next Scheduled EDR Contact: 08/22/2011 Data Release Frequency: Varies
INDIAN RESERV: Indian Reservations This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.	
Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 34	Source: USGS Telephone: 202-208-3710 Last EDR Contact: 07/22/2011 Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually
SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.	

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011 Number of Days to Update: 54 Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 07/15/2011 Next Scheduled EDR Contact: 11/07/2011 Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

	SFORMER: PCB Transformer Registrati atabase of PCB transformer registrations	on Database that includes all PCB registration submittals.			
Date Date	of Government Version: 01/01/2008 Data Arrived at EDR: 02/18/2009 Made Active in Reports: 05/29/2009 Jer of Days to Update: 100	Source: Environmental Protection Agency Telephone: 202-566-0517 Last EDR Contact: 08/05/2011 Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Varies			
Feder of Eng Wilde	gineers, Bureau of Reclamation, National	e United States. Lands included are administrated by: Army Corps Wild and Scenic River, National Wildlife Refuge, Public Domain Land, anagement Area, Bureau of Indian Affairs, Bureau of Land Management, d Wildlife Service, National Park Service.			
Date Date	of Government Version: 12/31/2005 Data Arrived at EDR: 02/06/2006 Made Active in Reports: 01/11/2007 er of Days to Update: 339	Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/22/2011 Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: N/A			
A listi to ens		underground storage tank facilities. Financial assurance is intended or the cost of closure, post-closure care, and corrective measures			
Date Date	of Government Version: 05/12/2011 Data Arrived at EDR: 05/18/2011 Made Active in Reports: 06/16/2011 ier of Days to Update: 29	Source: Department of Environment & Natural Resources Telephone: 919-733-1322 Last EDR Contact: 08/17/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Quarterly			
-	FINANCIAL ASSURANCE 3: Financial Assurance Information Hazardous waste financial assurance information.				
Date Date	of Government Version: 07/05/2011 Data Arrived at EDR: 07/05/2011 Made Active in Reports: 07/27/2011 er of Days to Update: 22	Source: Department of Environment & Natural Resources Telephone: 919-508-8549 Last EDR Contact: 07/05/2011 Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies			
	DOE: Sleam-Electric Plan Operation Da ng of power plants that store ash in surfac				
Date Date	of Government Version: 12/31/2005 Data Arrived at EDR: 08/07/2009 Made Active in Reports: 10/22/2009 ier of Days to Update: 76	Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 07/18/2011 Next Scheduled EDR Contact: 10/31/2011 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 Date	of Government Version: 08/17/2010 Data Arrived at EDR: 01/03/2011 Made Active in Reports: 03/21/2011 ier of Days to Update: 77	Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 06/14/2011 Next Scheduled EDR Contact: 09/26/2011 Data Belease Ergeuency: Varies			

Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

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

Date of Government Version: 12/31/2007	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 08/04/2009	Telephone: 919-807-6359
Date Made Active in Reports: 08/17/2009	Last EDR Contact: 08/08/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/21/2011
	Data Release Frequency: Varies

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: 05/04/2011 Date Data Arrived at EDR: 05/05/2011 Date Made Active in Reports: 06/16/2011 Number of Days to Update: 42 Source: Department of Environmental & Natural Resources Telephone: 919-508-8496 Last EDR Contact: 07/22/2011 Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009 Number of Days to Update: 16 Source: Department of Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 08/26/2011 Next Scheduled EDR Contact: 12/05/2011 Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 07/20/2011 Date Made Active in Reports: 08/11/2011 Number of Days to Update: 22	Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 07/20/2011 Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Annually
NY MANIFEST: Facility and Manifest Data Manifest is a document that lists and tracks ha facility.	azardous waste from the generator through transporters to a TSD
Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 05/12/2011 Date Made Active in Reports: 05/24/2011 Number of Days to Update: 12	Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 08/09/2011 Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually
PA MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009 Number of Days to Update: 13	Source: Department of Environmental Protection Telephone: 717-783-8990 Last EDR Contact: 07/15/2011 Next Scheduled EDR Contact: 10/10/2011 Data Release Frequency: Annually
RI MANIFEST: Manifest information Hazardous waste manifest information	
Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 06/24/2011 Date Made Active in Reports: 06/30/2011 Number of Days to Update: 6	Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 08/31/2011 Next Scheduled EDR Contact: 12/12/2011 Data Release Frequency: Annually
WI MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/06/2010 Date Made Active in Reports: 07/26/2010 Number of Days to Update: 20	Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 10/03/2011 Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing Source: Centers for Medicare & Medicaid Services Telephone: 410-786-3000 A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services. Nursing Homes Source: National Institutes of Health Telephone: 301-594-6248 Information on Medicare and Medicaid certified nursing homes in the United States. **Public Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states. **Private Schools** Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on private school locations in the United States. Daycare Centers: Child Care Facility List Source: Department of Health & Human Services Telephone: 919-662-4499

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources Telephone: 919-733-2090

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image

is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ERWIN SQUARE - 5.5 ACRES 2109 HILLSBOROUGH ROAD DURHAM, NC 27705

TARGET PROPERTY COORDINATES

Latitude (North):	36.00850 - 36° 0' 30.6''
Longitude (West):	78.9243 - 78° 55' 27.5"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	687075.0
UTM Y (Meters):	3986683.5
Elevation:	409 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36078-A8 NORTHWEST DURHAM, NC
Most Recent Revision:	1993
South Map:	35078-H8 SOUTHWEST DURHAM, NC
Most Recent Revision:	1993

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

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

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

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

GROUNDWATER FLOW DIRECTION INFORMATION

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

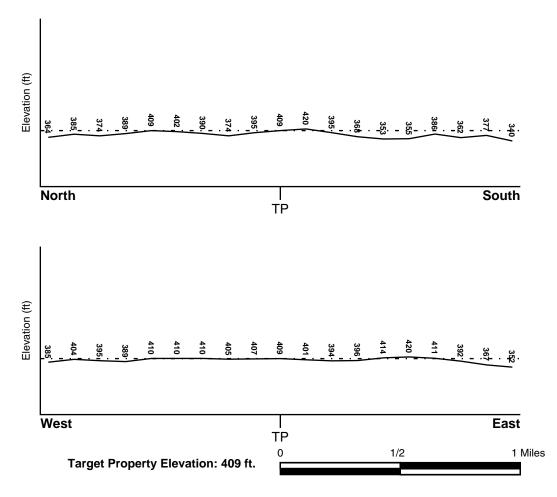
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

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

Ν

Target Property County DURHAM, NC	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	37063C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported
NATIONAL WETLAND INVENTORY	NWI Electronic
NWI Quad at Target Property NORTHWEST DURHAM	<u>Data Coverage</u> 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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile SSW	S
2	1/8 - 1/4 Mile ENE	Not Reported
3	1/8 - 1/4 Mile SE	NE
4	1/4 - 1/2 Mile ESE	Not Reported
A5	1/2 - 1 Mile NW	Ν
A6	1/2 - 1 Mile NW	North & East
7	1/2 - 1 Mile East	Not Reported
B8	1/2 - 1 Mile SE	E
B9	1/2 - 1 Mile SE	SE
10	1/2 - 1 Mile SW	Not Reported
11	1/2 - 1 Mile NNE	SE
C12	1/2 - 1 Mile SE	E
13	1/2 - 1 Mile West	NNW
D14	1/2 - 1 Mile NE	ENE

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
15	1/2 - 1 Mile NE	Not Reported
D16	1/2 - 1 Mile NE	E
C17	1/2 - 1 Mile SE	ESE
18	1/2 - 1 Mile NE	NE
19	1/2 - 1 Mile SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

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

GEOLOGIC AGE IDENTIFICATION

Era:	Mesozoic Ca	tegory:	Stratified Sequence
System:	Triassic		
Series:	Triassic		
Code:	Tr (decoded above as Era, System & Series)		

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.

a hydric soil.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported
Hydric Status: Soil does not meet the	requirements for
Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
	Bou	ndary		Classif	ication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

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: silt loam

Surficial Soil Types:	silt loam
Shallow Soil Types:	silt loam sandy clay loam silty clay loam
Deeper Soil Types:	unweathered bedrock 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

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

FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP	ID
-----	----

WELL ID

LOCATION FROM TP

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID WELL ID FROM TP No Wells Found

OTHER STATE DATABASE INFORMATION

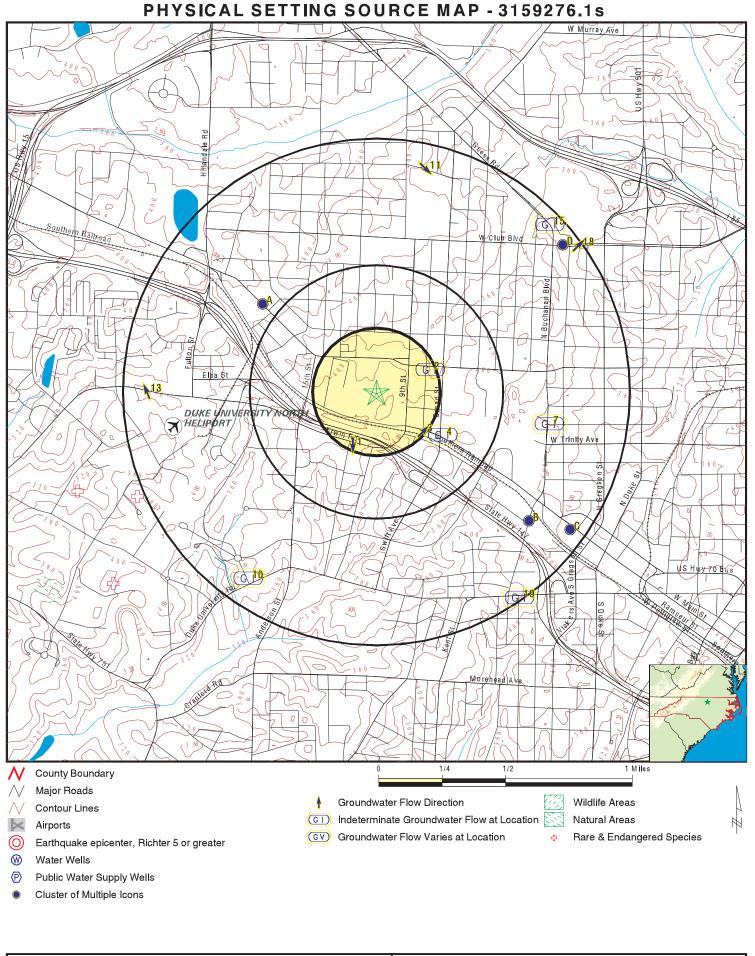
NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

ID Class NC50004089 Plants Plants NC50008605 NC50011342 Plants

NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

ID Name

NC10001993 NESTRONIA WOODLANDS LOCATION



ADDRESS:2109 Hillsborough Road Durham NC 27705CONTACT:Tom Perez INQUIRY #:LAT/LONG:36.0085 / 78.9243DATE:September 01, 2011 9:44 pm	ADDRESS:	Durham NC 27705	INQUIRY #:	3159276.1s	
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Map ID Direction Distance Elevation			Database	EDR ID Numbe
1 SSW 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	14941 S 11.59 16.89 Not Reported Not Reported Not Reported Not Reported 08/19/1997	AQUIFLOW	30978
2 ENE 1/8 - 1/4 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	16365 Not Reported Not Reported Not Reported Not Reported Not Reported 20.0 01/28/1997	AQUIFLOW	30933
3 SE 1/8 - 1/4 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	10971 NE 6.19 21.70 Not Reported Not Reported Not Reported Not Reported 05/23/1997	AQUIFLOW	30906
4 ESE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	6031 Not Reported 5.19 12.05 Not Reported Not Reported Not Reported Not Reported 10/1996	AQUIFLOW	30824
A5 NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	5333 N Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported 03/1996	AQUIFLOW	30860

Map ID Direction Distance Elevation			Database	EDR ID Number
A6 NW 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	5331 North & East 6.08 9.47 Not Reported Not Reported Not Reported Not Reported 07/01/1992	AQUIFLOW	30862
7 East 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	16191 Not Reported 5.0 8.0 Not Reported Not Reported Not Reported Not Reported 07/29/1996	AQUIFLOW	40650
B8 SE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	6893 E 5.75 12.32 Not Reported Not Reported Not Reported Not Reported 03/1996	AQUIFLOW	30807
B9 SE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	6681 SE Not Reported Not Reported Not Reported Not Reported Not Reported 07/17/1991	AQUIFLOW	30810
10 SW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	8348 Not Reported Not Reported Not Reported Not Reported Not Reported 14.0 12/18/1990	AQUIFLOW	36693

Map ID Direction Distance Elevation			Database	EDR ID Number
11 NNE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	16089 SE Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported 05/18/1996	AQUIFLOW	30940
C12 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	6708 E Not Reported Not Reported Not Reported Not Reported Not Reported 07/15/1996	AQUIFLOW	30806
13 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	5582 NNW 1.60 41.32 Not Reported Not Reported Not Reported Not Reported 05/15/1998	AQUIFLOW	30848
D14 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	9552 ENE 13.18 18.40 18.92 Not Reported Not Reported Not Reported 04/21/1995	AQUIFLOW	30930
15 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	10569 Not Reported 15.18 15.68 Not Reported Not Reported Not Reported Not Reported 08/16/1993	AQUIFLOW	30920

Map ID Direction Distance Elevation			Database	EDR ID Number
D16 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	15968 E 19.0 21.0 Not Reported 9.0 25.0 Not Reported 12/1994	AQUIFLOW	30944
C17 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	3561 ESE Not Reported Not Reported Not Reported Not Reported Not Reported 09/20/1995	AQUIFLOW	30794
18 NE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	11348 NE 20.5 29.45 Not Reported Not Reported Not Reported Not Reported 12/08/1993	AQUIFLOW	30905
19 SE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Depth to rock - shallowest: Depth to rock - deepest: Depth to rock - average: Date:	5882 Not Reported Not Reported 23 Not Reported Not Reported Not Reported 09/18/1992	AQUIFLOW	30827

Map ID Direction Distance Database EDR ID Number NC_NHEO NC50004089 GIS ID: 11404 Classification by Type: Plants Occurrence Status: Historic, no evidence of destruction NC50008605 NC_NHEO GIS ID: 21404 Classification by Type: Plants Occurrence Status: Historic, no evidence of destruction NC_NHEO NC50011342 GIS ID: 42239 Classification by Type: Plants Occurrence Status: Historic, no evidence of destruction NC_SNHA NC10001993 NESTRONIA WOODLANDS Site Name: Quality: Not Reported Acres per Polygon: 6.14

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

Num Results	Avg pCi/L	Min pCi/L	Max pCi/L
3	1.00	0.3	1.4
2	1.10	0.3	1.9

Federal EPA Radon Zone for DURHAM 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: 27705

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.650 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources Telephone: 919-733-2090

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS) Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

USGS Water Wells: USGS National Water Inventory System (NWIS) This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

North Carolina Public Water Supply Wells Source: Department of Environmental Health Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

NC Natural Areas: Significant Natural Heritage Areas

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon converage 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 hight 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 Statiscal 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

STREET AND ADDRESS INFORMATION

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Erwin Square Site

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 2870208.5 September 15, 2010

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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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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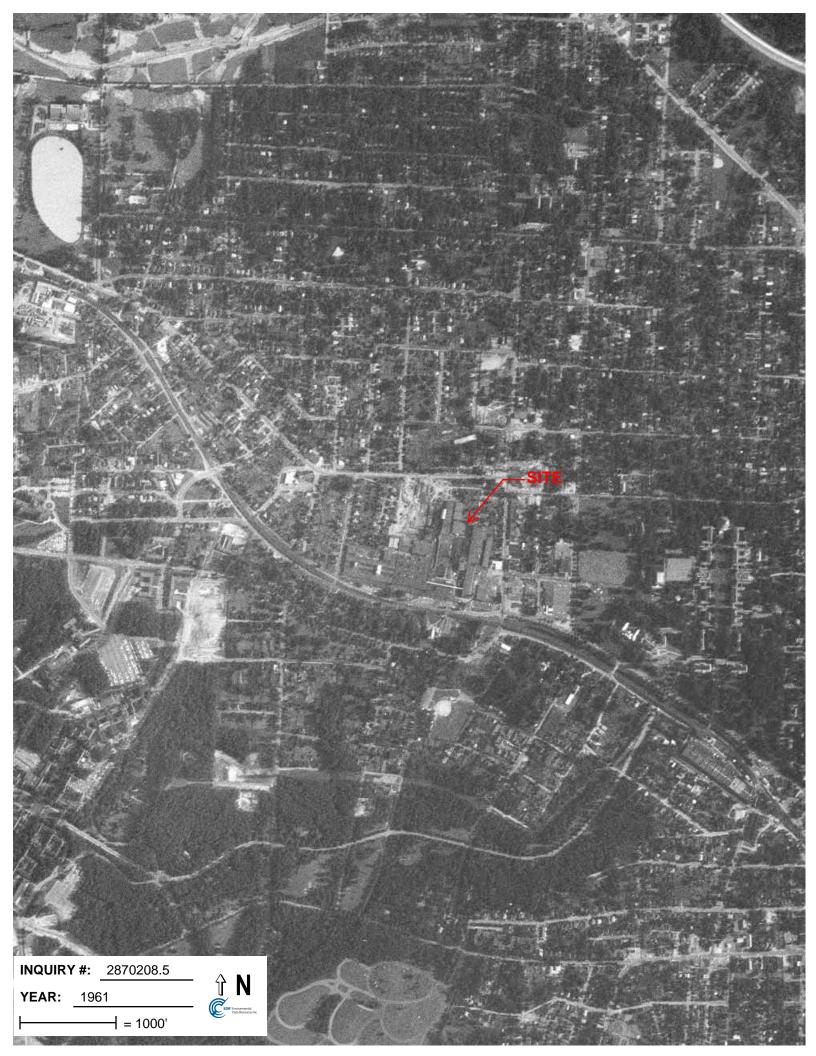
Date EDR Searched Historical Sources:

Aerial Photography September 15, 2010

Target Property:

2109 Hillsborough Road Durham, NC 27705

<u>Year</u>	Scale	Details	<u>Source</u>
1961	Aerial Photograph. Scale: 1"=1000'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: August 17, 1961	EDR
1973	Aerial Photograph. Scale: 1"=1000'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: March 01, 1973	EDR
1977	Aerial Photograph. Scale: 1"=1000'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: March 01, 1977	EDR
1983	Aerial Photograph. Scale: 1"=1000'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: April 12, 1983	EDR
1983	Aerial Photograph. Scale: 1"=1000'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: April 12, 1983	EDR
1993	Aerial Photograph. Scale: 1"=750'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: February 23, 1993	EDR
1998	Aerial Photograph. Scale: 1"=750'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: April 02, 1998	EDR
2006	Aerial Photograph. Scale: 1"=604'	Panel #: 36078-A8, Northwest Durham, NC;/Flight Date: January 01, 2006	EDR

















Erwin Square Site

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 2870208.4 September 15, 2010

EDR Historical Topographic Map Report



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

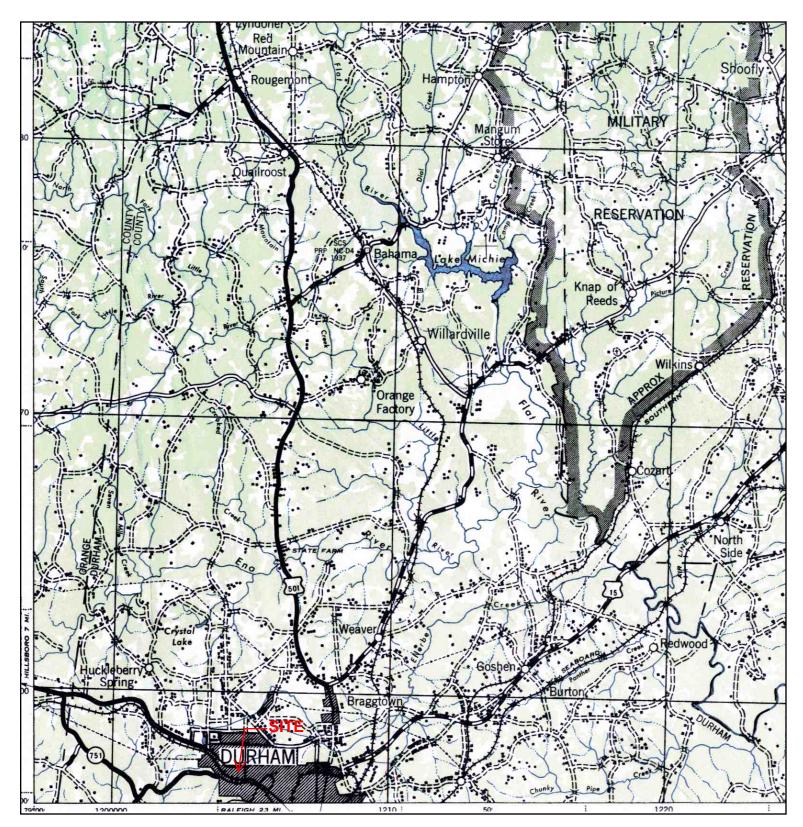
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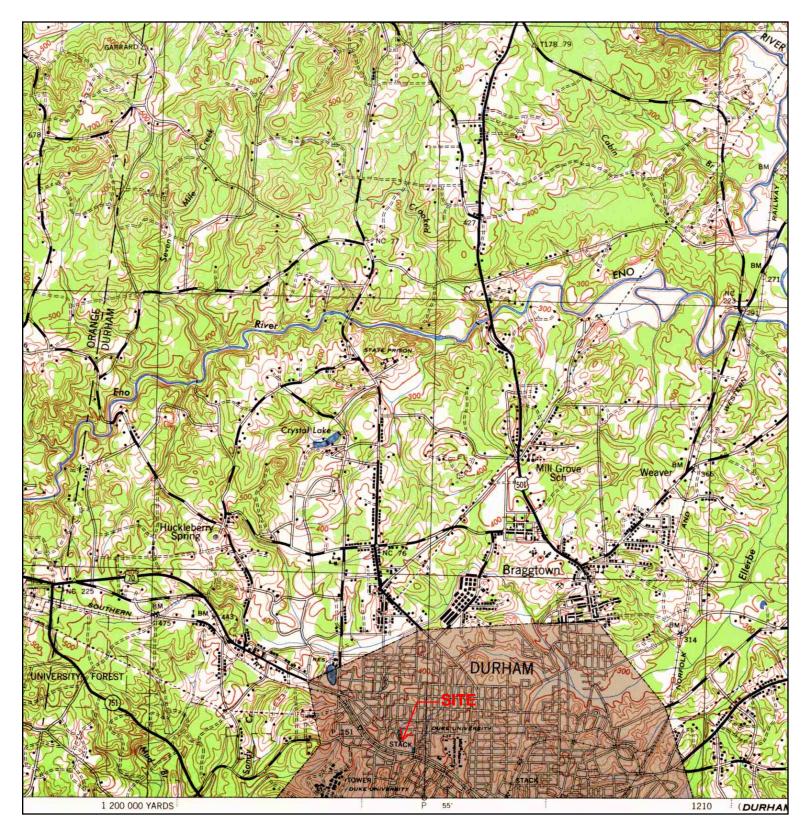
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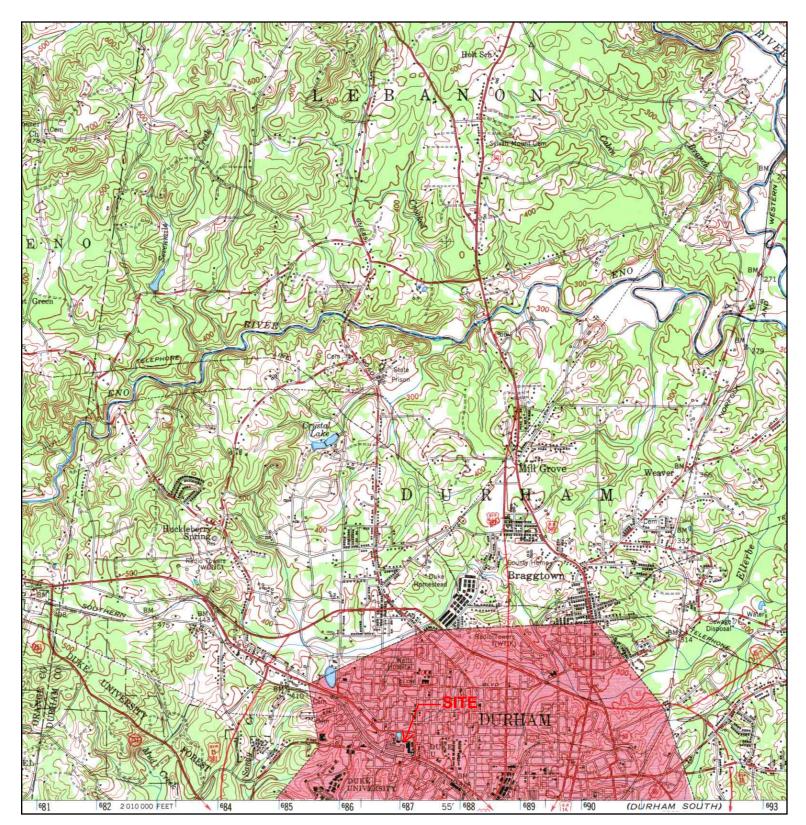
Historical Topographic Map



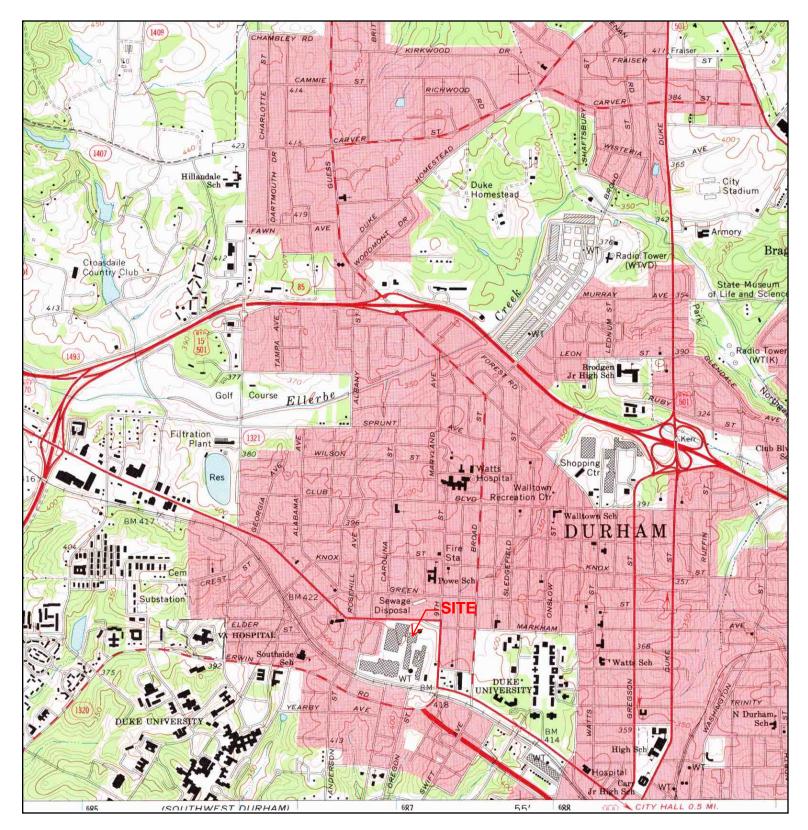
Historical Topographic Map



	TARGET QUADNAME:DURHAM NORTHMAP YEAR:1944SERIES:15SCALE:1:62500	SITE NAME: Erwin Square Site ADDRESS: 2109 Hillsborough Road Durham, NC 27705 LAT/LONG: 36.0085 / -78.9243	CLIENT: S&ME CONTACT: Jo Martin INQUIRY#: 2870208.4 RESEARCH DATE: 09/15/2010
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N A	TARGET QUAD	SITE NAME: Erwin Square Site	CLIENT: S&ME
	NAME: DURHAM NORTH	ADDRESS: 2109 Hillsborough Road	CONTACT: Jo Martin
	MAP YEAR: 1951	Durham, NC 27705	INQUIRY#: 2870208.4
	SERIES: 15	LAT/LONG: 36.0085 / -78.9243	RESEARCH DATE: 09/15/2010
	SERIES: 15 SCALE: 1:62500		



TARGET QUAD Ν NAME: NORTHWEST DURHAM **MAP YEAR: 1973** SERIES: 7.5

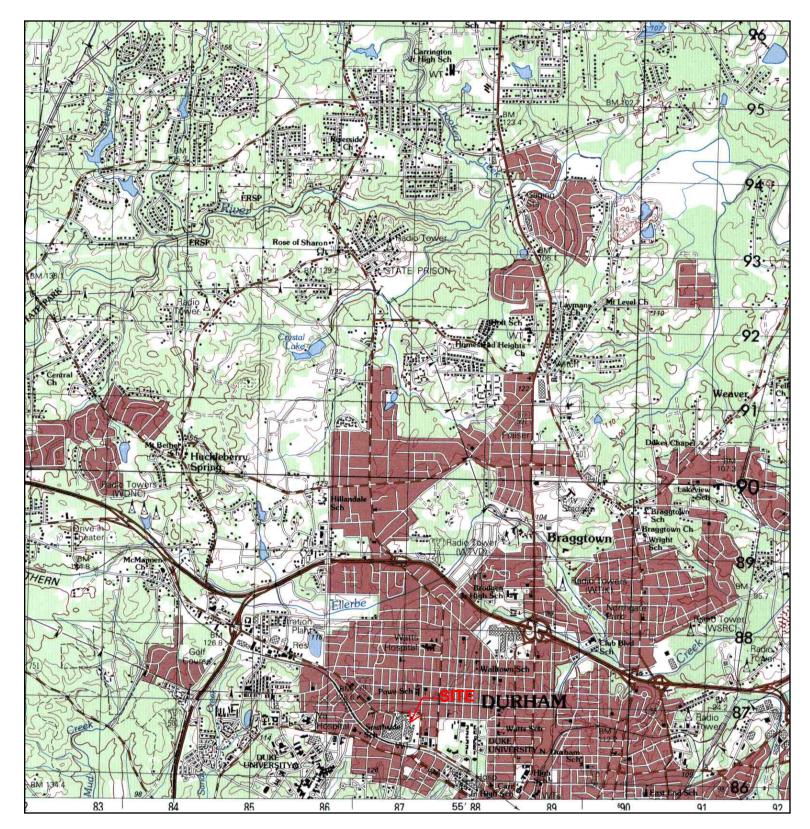
LAT/LONG:

SITE NAME: Erwin Square Site ADDRESS: 2109 Hillsborough Road Durham, NC 27705 36.0085 / -78.9243

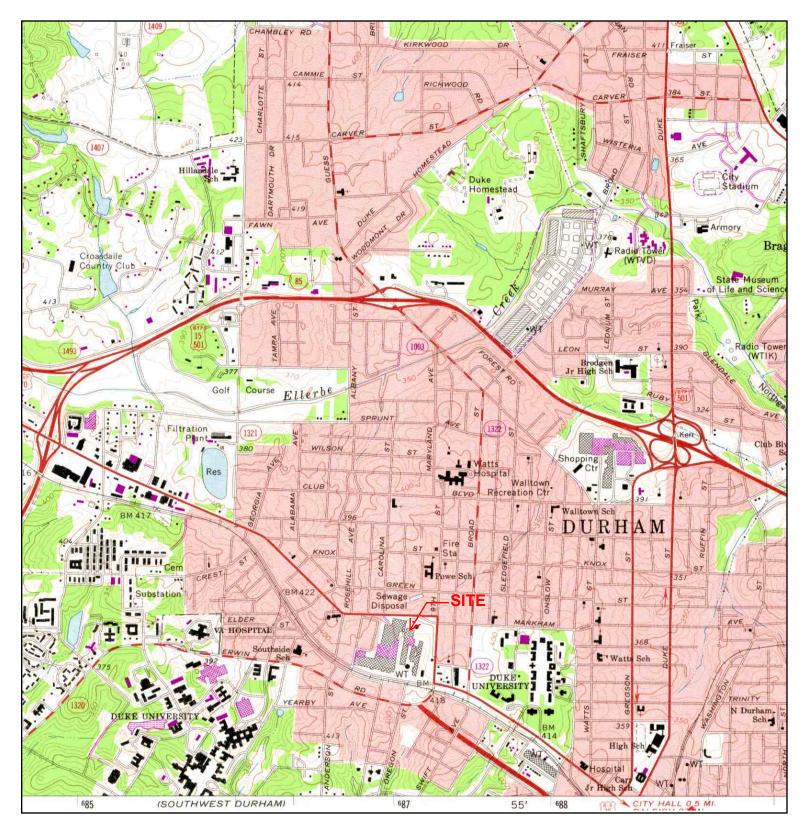
CLIENT: S&ME CONTACT: Jo Martin INQUIRY#: 2870208.4 **RESEARCH DATE: 09/15/2010**

SCALE:

1:24000



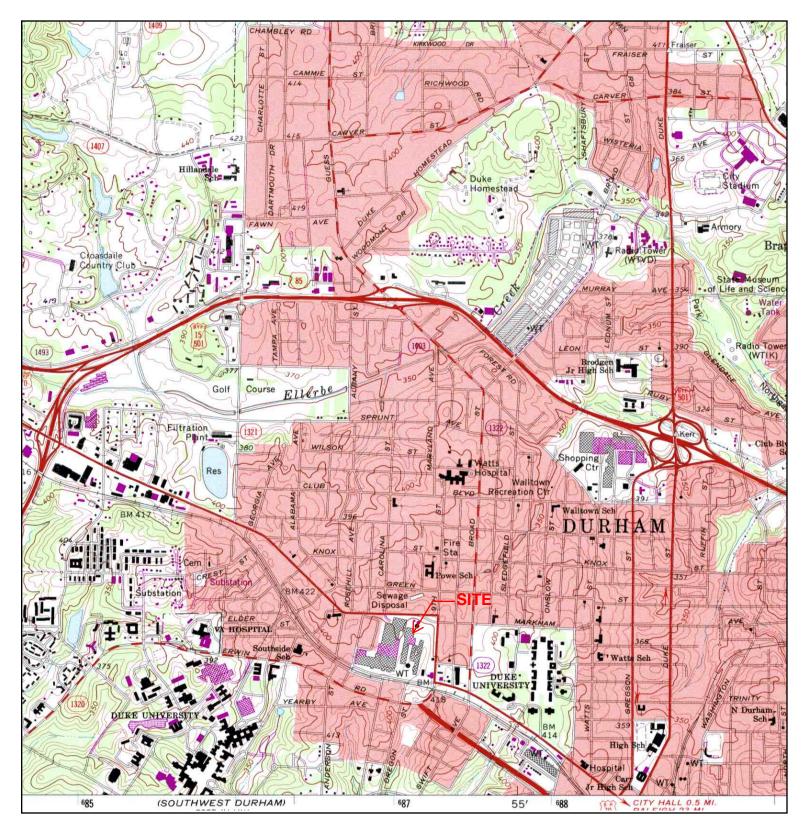
N A	TARGET QUADNAME:DURHAM NORTHMAP YEAR:1980SERIES:15SCALE:1:50000	SITE NAME: Erwin Square Site ADDRESS: 2109 Hillsborough Road Durham, NC 27705 LAT/LONG: 36.0085 / -78.9243	CLIENT: S&ME CONTACT: Jo Martin INQUIRY#: 2870208.4 RESEARCH DATE: 09/15/2010
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TARGET QUADNAME:NORTHWEST DURHAMMAP YEAR:1981PHOTOREVISED:1973SERIES:7.5SCALE:1:24000

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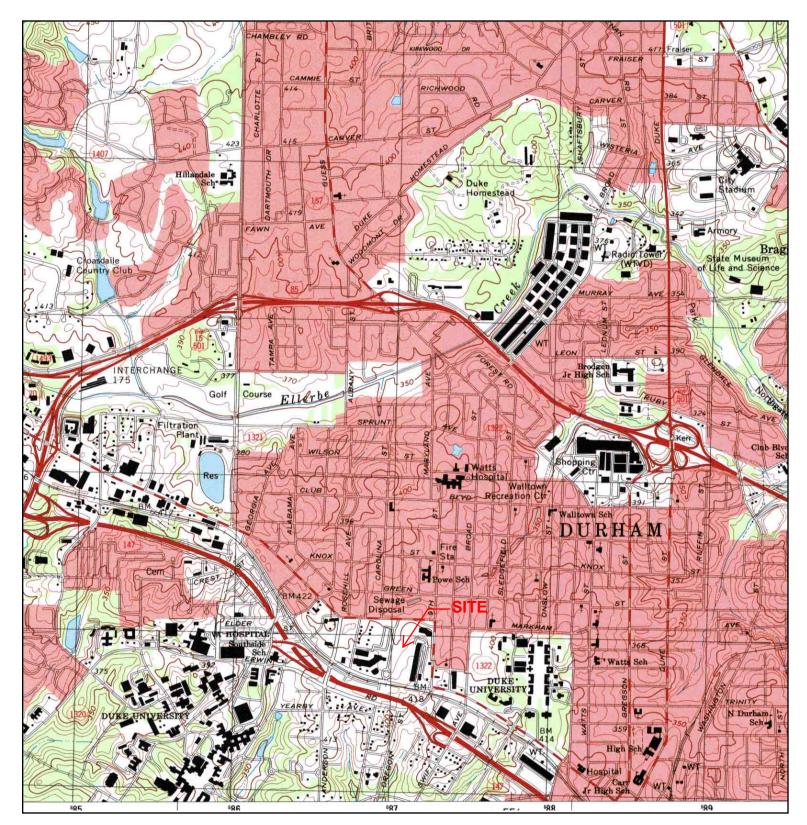
SITE NAME: Erwin Square Site ADDRESS: 2109 Hillsborough Road Durham, NC 27705 LAT/LONG: 36.0085 / -78.9243 CLIENT: S&ME CONTACT: Jo Martin INQUIRY#: 2870208.4 RESEARCH DATE: 09/15/2010



TARGET QUADNAME:NORTHWEST DURHAMMAP YEAR:1987PHOTOREVISED:1973SERIES:7.5SCALE:1:24000

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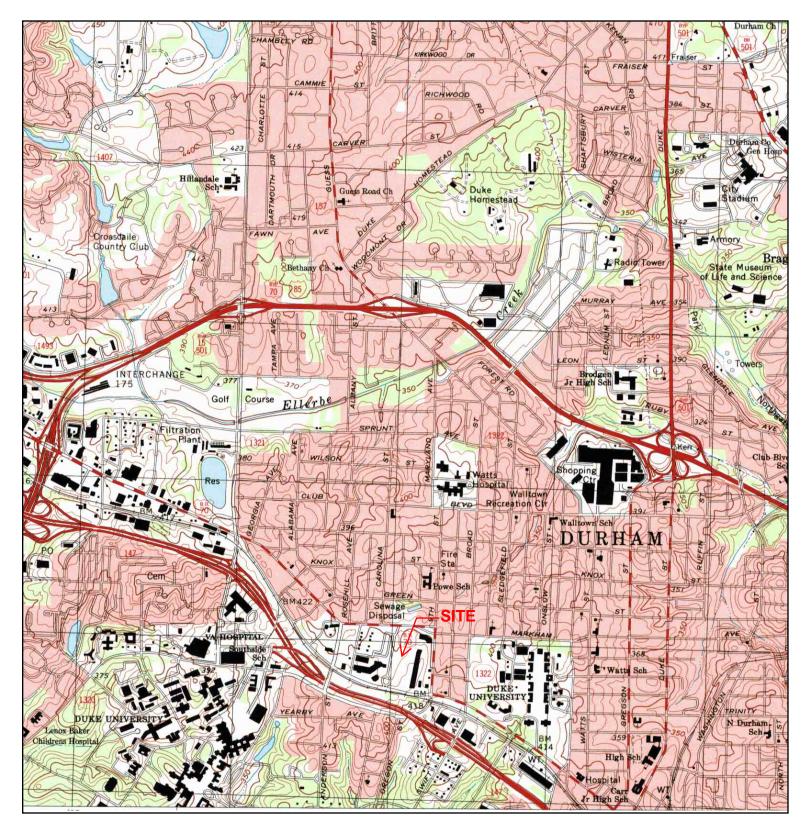
SITE NAME: Erwin Square Site ADDRESS: 2109 Hillsborough Road Durham, NC 27705 LAT/LONG: 36.0085 / -78.9243 CLIENT: S&ME CONTACT: Jo Martin INQUIRY#: 2870208.4 RESEARCH DATE: 09/15/2010



TARGET QUAD Ν NAME: NORTHWEST DURHAM MAP YEAR: 1993 SERIES:

7.5 SCALE: 1:24000 SITE NAME: Erwin Square Site ADDRESS: 2109 Hillsborough Road Durham, NC 27705 LAT/LONG: 36.0085 / -78.9243

CLIENT: S&ME CONTACT: Jo Martin INQUIRY#: 2870208.4 RESEARCH DATE: 09/15/2010



TARGET QUAD SITE NAME: Erwin Square Site CLIENT: S&ME Ν NAME: NORTHWEST DURHAM ADDRESS: 2109 Hillsborough Road CONTACT: Jo Martin MAP YEAR: 1999 Durham, NC 27705 2870208.4 INQUIRY#: LAT/LONG: 36.0085 / -78.9243 RESEARCH DATE: 09/15/2010 SERIES: 7.5 SCALE: 1:24000

Erwin Square Site

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 2870208.7 September 16, 2010

The EDR Environmental LienSearch[™] Report



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

The EDR Environmental LienSearch[™] Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- · search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050 with any guestions or comments.

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The EDR Environmental LienSearch[™] Report

TARGET PROPERTY INFORMATION

ADDRESS

2109 Hillsborough Road Erwin Square Site Durham, NC 27705

RESEARCH SOURCE

Source 1:

Durham Register of Deeds Durham, NC

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Corporation Deed		
Title is vested in:	Erwin Square Limite	ed Partnership)
Title received from:	Burlington Industrie	s, Inc	
Deed Dated	8/12/1987		
Deed Recorded:	8/12/1987		
Book:	1393		
Page:	682		
Volume:	NA		
Instrument:	NA		
Docket:	NA		
Land Record Comments:			
Miscellaneous Comments:			
Legal Description:	see exhibit		
Legal Current Owner:	Erwin Square Limited Partnership		
Property Identifiers:	0822-17-22-3022		
Comments:	see exhibit		
ENVIRONMENTAL LIEN			
Environmental Lien:	Found	Not Found	×
OTHER ACTIVITY AND USE LIMI	TATIONS (AULS)		
AULs:	Found	Not Found	×

Deed Exhibit 1

BOOK 1393PAGE 682

Moone & Van Hiled 2024 W. Main St Durborn, N.O. 27705 DRAWN BY: Robert H. Stevens, Jr., Esq. P. O. Box 21207 Greensboro, N.C. 27420

Clark

STATE OF NORTH CAROLINA COUNTY OF DURHAM

Noil to:

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IN C

AUG 12*87

P.B. 1672

COUNTY

9 9 Corporation Deed

THIS DEED, made this the 12th day of August, 1987 by BURLINGTON INDUSTRIES, INC., a Delaware corporation with corporate offices at 3330 West Friendly Avenue, Greensboro, North Carolina 27410 ("Grantor") to ERWIN SQUARE LIMITED PARTNERSHIP, a North Carolina corporation, 2020 West Main Street, Durham, North Carolina 27705 ("Grantee").

WITNESSETH:

That the Grantor, for and in consideration of the sum of Ten (\$10.00) Dollars and other good and valuable consideration to it in hand paid by the Grantee, the receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does hereby grant, bargain, sell, convey and confirm unto the Grantee, its successors and assigns, the following tracts or parcels of land with improvements thereon, lying and being in Durham County, North Carolina, more particularly described on Exhibit "A" attached hereto and incorporated by reference herein.

The property described on Exhibit "A" is conveyed subject to <u>ad valorem</u> taxes not due and payable, all covenants, restrictions, licenses, rights-of-way and easements for streets, railroads, roads and utilities heretofore granted by Seller or its predecessors in title, and to zoning ordinances and building restrictions in each case affecting the property sold and conveyed hereunder.

TO HAVE AND TO HOLD the aforesaid parcels of land with improvements, together with all privileges and appurtenances thereunto belonging or in any wise appertaining unto the GRANTEE, its successors and assigns, in fee simple forever.

Real Estate

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18974

STATE OF

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CAROLINA

P.B. 10724

Real Estate =

644

Excluse lax

BOOK 1393 PAGE 683

AND the Grantor covenants that it is seized of said premises in fee and has the right to convey the same in fee simple; that said premises are free from encumbrances (with the exceptions above stated); and that, subject to such exceptions, it will forever warrant and defend the said title to the said premises against the lawful claims of all persons or entities whomsoever.

IN WITNESS WHEREOF, the Grantor has caused this deed to be executed by its duly authorized officers and its seal to be hereunto affixed, the day and year first above written.

BURLINGTON INDUSTRIES, INC.

Lick President

otate Seal)

STATE OF NORTH CAROLINA) COUNTY OF GUILFORD)

mission Expires:

W. 25. 1989

I, June Neugent, a Notary Public, do hereby certify that Robert H. Stevens, Jr. personally came before me this day and acknowledged that he is Assistant Secretary of Burlington Industries, Inc., and that by authority duly given and as the act of the Corporation, the foregoing instrument was signed in its name by its Vice President, sealed with its corporate seal, and ested by himself as its Assistant Secretary. Witness my hand

une Meuge Notary

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0.0.0

BOOK 1393 PAGE 684 The foregoing certificate of AUNC is certified to be correct. This instrument and this certificate are duly registered this β_{μ}^{μ} day of August, 1987 at 11.14 (AM) PM, Book 1393, Page RUTH C. GARRETT REGISTER OF DEEDS FILED BOOX 1393 PADE 622-686 COUNTY Aug 12 11 14 AM '87 RUTH C GARAETT REGISTER OF PEEPS DURHAM COUNTY. NG eputy/Assi Register of Deeds 18k. 1393 pz. 684 EXHIBIT A

(17.992 Acres and other property)

PARCEL 1 (17.992 Acres)

BEGINNING at a PK Nail in the northern margin of the Southern Railway Company right-of-way (200 foot right-of-way), said PK Nail being located N. 17-34-44 W. 577.79 feet from the City of Durham Monument No. 264 (N. 820,747.052; E. 2,022,601.713); thence from said point of EEGINNING with said right-of-way margin N. 79-21-50 W. 476.72 feet to an iron in said right-ofway margin; thence leaving said right-of-way and running N. 11-14-49 E. 714.00 feet to an iron; thence N. 78-37-56 W. 434.00 feet to an iron in the eastern margin of the right-of-way of Bolton Street (13th Street) (40 foot right-of-way); thence with said right-of-way N. 14-07-59 E. 452.66 feet to an iron; thence running with the arc of a curve to the right having a radius of 15 feet (and a chord bearing and distance of N. 52-47-15 E. 18.74 feet) an arc distance of 20.24 feet to an iron in the southern right-of-way margin of Hillsborough Road (56 foot right-ofway); thence with the southern margin of said right-of-way; thence \$ 01-28-25 W. 2.32 feet to an iron in said right of way; thence with the arc of a curve to the right having a radius of 363.68 feet (and a chord bearing and distance of S. 78-29-19 E. 126.78 feet) an arc distance of 127.43 feet to an iron in said rightof-way; thence leaving said right-of-way and running S. 13-55-16 W. 223.72 feet to an iron; thence S. 40-51-40 E. 52.40 feet to an iron; thence S. 10-30-41 W. 192.30 feet to an iron; thence S. 10-40-04 W. 225.95 feet to an iron; thence S. 10-51-09 W. 122.40 feet to an iron; thence S. 40-51-46 E. 52.40 feet to an iron; thence S. 10-37-50 W. 71.34 feet to an iron; thence S. 10-58-15 W. 71.83 feet to an iron; thence S. 79-14-44 E. 26.66 feet to an iron; thence S. 10-37-50 W. 71.34 feet to an iron; thence S. 15-38-37 W. 89.60 feet to an iron; thence S. 10-48-02 W. 50.55 feet to an iron; thence S. 10-37-20 W. 217.54 feet to the point and place of BEGINNING. Containing 17.992 acres, more or less, as shown on that certain survy by Larry W. Poole & Associates, P.A. entitled "Property

PARCEL 2 (.755 Acres)

All of Lots 4 and 14 of Block C as shown in Plat Book 15 at Page 52, and more particularly described as follows:

BEGINNING at an iron in the northern margin of the right-of-way of the Southern Railway Company (200 foot right-of-way), said iron being at the southeastern corner of that property conveyed to Charlie Gery by that certain deed recorded with the Durham County Register of Deeds in Deed Book 353, Page 645 (Lot 3 in

BOOK 1393 PAGE 685

Block C in Plat Book 15 at Page 52); thence from said point of BEGINNING with the eastern line of Lot 3 N. 10-24-56 E. 189.71 feet to an iron in the Southern line of Lot 14; thence with the line of Lot 14, N. 77-37-52 W. 70.72 feet to an iron, said iron being the southeastern corner of Lot 5 and the southwestern corner of Lot 14; thence with the line dividing Lots 5 and 14 N. 10-39-43 E. 80.79 feet to an iron, said iron being the corner of Lots 5, 6, 14 and 15 of Block C; thence with the line dividing Lots 14 and 15 S. 79-26-01 E. 165.65 feet to an iron in the westerly margin of the right-of-way of Rutherford Street (Four-teenth Street) (50 foot right-of-way), said iron also being the southeastern corner of Lot 15 and the northeastern corner of Lot 14; thence with the western right-of-way of Rutherford Street S. 10-39-55 W. 281.61 feet to an iron in said right-of-way; thence with the arc of a curve to the right having a radius of 15 feet (and a chord bearing and distance of S. 63-50-22 W. 24.01 feet) an arc distance of 27.84 feet to an iron in the right-of-way of the Southern Railway Company; thence with the arc of a curve to the right having a radius of 2794.48 feet and distance an arc distance of 78.40 feet to the point and place of BEGINNING, containing 0.755 acres more or less, and as shown on that Certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

PARCEL 3 (0.244 Acres)

All of Lot 18 of Block B as shown in Plat Book 15 at Page 51 of the Durham County Registry, and more particularly described as follows:

BEGINNING at an iron in the southerly margin of the right-of-way of Hillsborough Road (56 foot right-of-way), said iron being the northeastern corner of property (Lot 8) conveyed to Hosia Carden by deed recorded with the Durham County Register of Deeds in Deed Book 358, Page 307; thence from said point of BEGINNING with the southerly margin of said right-of-way S. 88-33-30 E. 145.91 feet to an iron in said right-of-way; thence with the arc of a curve to the right having a radius of 10 feet (and a chord bearing and distance of S. 37-12-45 E. 15.62 feet) an arc distance of 17.92 feet to an iron in the westerly margin of the right-of-way of Bolton Street (Thirteenth Street) (40 foot right-of-way); thence with the westerly margin of the rightof-way of Bolton Street S. 14-07-59 W. 73.94 feet to an iron, said iron being the northeastern corner of property (Lot 17) conveyed to Clyde Wooten by deed recorded with the Durham County Register of Deeds in Deed Book 1195, Page 74; thence with the northern line of Lot 17 N. 76-04-17 W. 152.57 feet to an iron in the easterly line of Lot 8; thence with said easterly line N. 11-58-03 E. 52.22 feet to the point and place of BEGINNING, containing 0.244 acres, more or less, all as more particularly as shown on that certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

- 2 -

14

PARCEL 4 (0.541 Acres) BOOK 1393PAGE 686

BEGINNING at an iron at the intersection of the northerly margin of the right-of-way of Hillsborough Road (56 foot right-of-way), and the westerly margin of the right-of-way of Carolina Avenue (50 foot right-of-way); thence from said point of BEGINNING N. 88-33-30 W. 271.59 feet to an iron in the northerly margin of the right-of-way of Hillsborough Road; thence N. 00-22-30 W. 5 feet to an iron; thence with the easterly margin of the rightof-way of Hale Street (variable right-of-way) and the arc of a circular curve to the right having a radius of 4529.00 feet (and a chord bearing and distance of N. 00-18-06 E. 74.74 feet) an arc distance of 74.74 feet to an iron, said iron being at the intersection of the easterly margin of the right-of-way of Hale Street with the southerly margin of the right-of-way of Gin Street (10 foot right-of-way); thence with the southerly rightof-way of Gin Street N. 88-47-44 E. 275.62 feet to an iron in the westerly right-of-way S. 02-44-20 W. 92.47 feet to the point and place of BEGINNING, containing 0.541 acres, more or less, and as shown on that certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

PARCEL 5 (7.716 Acres)

BEGINNING at a concrete monument in the southerly margin of the right-of-way of Green Street (60 foot right-of-way), said point being the northeastern corner of property (Lot 15 as shown in Plat Book 15 at Page 55) conveyed to Frances C. Carlton by deed recorded with the Durham County Register of Deeds in Deed Book 161, Page 118; thence from said point of BEGINNING with the southerly margin of the right-of-way of Green Street S. 87-16-55 E. 812.42 feet to a concrete monument, said monument being at the intersection of the southerly margin of the right-of-way of Green Street with the westerly margin of the right-of-way of a 20 foot alley; thence with the westerly margin of said alley S. 02-59-49 W. 166.50 feet to an iron in said margin; thence leaving the margin of the right-of-way of said alley and running with the north line of property conveyed to Duke Power Company by deed recorded with the Durham County Register of Deeds in Deed Book 405, Page 385 N. 88-31-40 W. 285.00 feet to an iron, said iron being the northwestern corner of the property of Duke Power Company, now or formerly; thence with the western line of the property of Duke Power Company, now or formerly, S. 01-25-30 W. 180.00 feet to an iron, said iron being the southwestern corner of the property of Duke Power Company, now or formerly; thence with the southern line of the property of Duke Power Company, now or formerly, S. 88-33-30 E. 141.00 feet to a point; thence S. 29-27-16 E. 17.92 feet to a point; thence S. 04-24-30W. 105.0 feet to an iron in the northerly margin of the rightof-way of Hillsborough Road; thence running with the northerly margin of Hillsborough Road N. 88-33-30 W. 798.25 feet to an iron; thence with the arc of a curve to the right having a

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- 3 -

radius of 20 feet (and a chord bearing and distance of N. 42-54-35 W. 28.60 feet) an arc distance of 31.87 feet to a point in the easterly right-of-way line of Carolina Avenue (50 foot right-of-way); thence with said easterly right-of-way N. 02-44-20 E. 100.89 feet to an iron, said iron being the southwestern corner of property (Lot 11 in Plat Book 15 at Page 55) conveyed to James E. Coffield by deed recorded with the Durham County Register of Deeds in Deed Book 241, Page 264; thence with the southerly line of Lot 11 S. 87-40-19 E. 140.17 feet to an iron; thence with the easterly line of Lots 11 through 15 N. 02-44-20 E. 365.57 feet to the point and place of BEGINNING, containing 7.716 acres, more or less, all as more fully shown on that certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

Erwin Square Site

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 2870208.8 September 15, 2010

The EDR Property Tax Map Report



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

EDR Property Tax Map Report

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2870208.8 Page 1

Erwin Square Site

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 2870208.3 September 15, 2010

Certified Sanborn® Map Report



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

Certified Sanborn® Map Report

9/15/10

Site Name: Erwin Square Site 2109 Hillsborough Road	Client Name: S&ME 3201 Spring Forest Road	EDR [®] Environmental Data Resources Inc
Durham, NC 27705	Raleigh, NC 27616	EDR Environmental Data Resources Inc
EDR Inquiry # 2870208.3	Contact: Jo Martin	

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by S&ME were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Address:	Erwin Square Site 2109 Hillsborough Road
City, State, Zip:	Durham, NC 27705
Cross Street:	
P.O. #	18203
Project:	5.5 Acre Erwin Square Site
Certification #	6CA1-4F5E-A5AF

Maps Provided:

1979 1950 1937 1913



Sanborn® Library search results Certification # 6CA1-4F5E-A5AF

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress
 University Publications of America
 EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

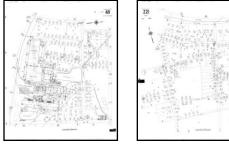


1979 Source Sheets



Volume 1, Sheet 48

1950 Source Sheets



Volume 1, Sheet 48

Volume 1, Sheet 221

1937 Source Sheets



Volume 1, Sheet 48

1913 Source Sheets







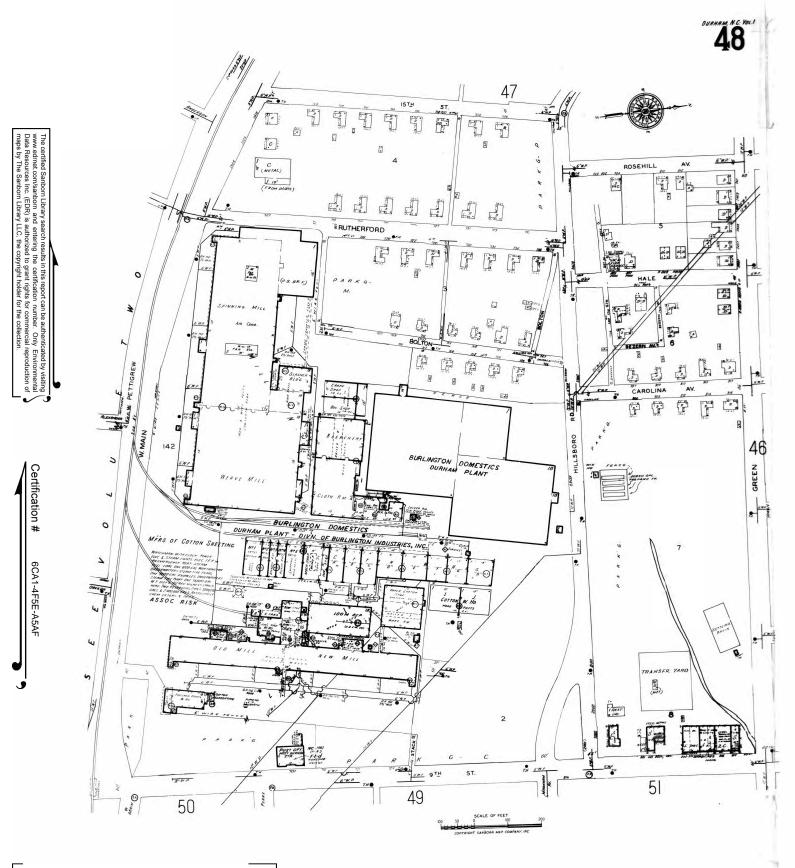


Volume 1, Sheet 4

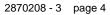
Volume 1, Sheet 5

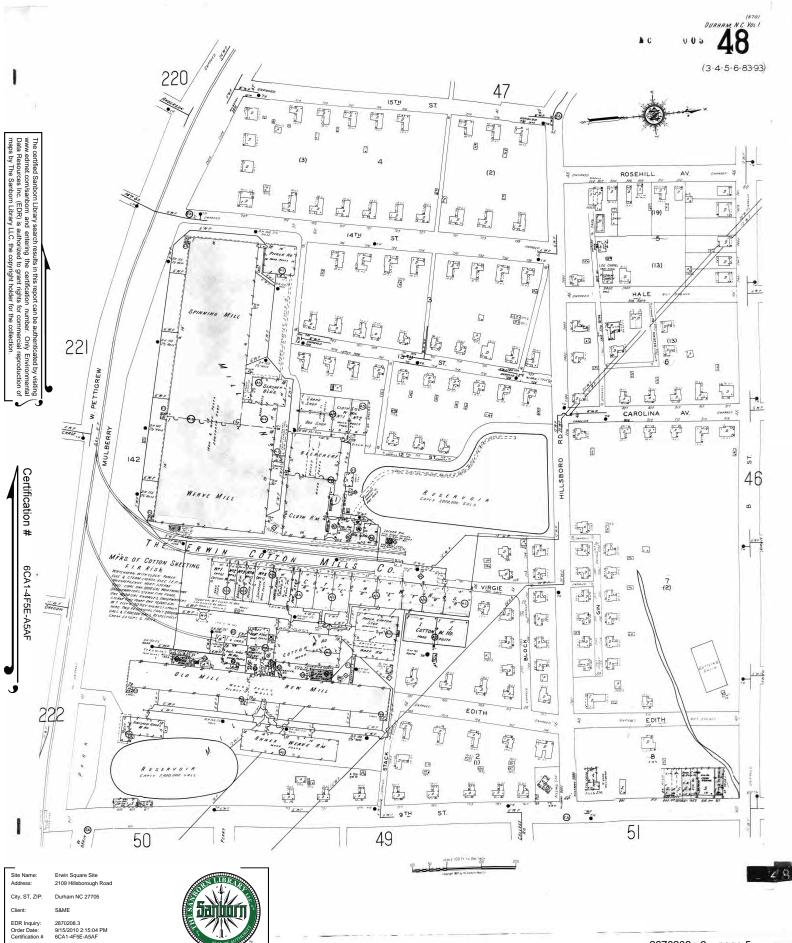
Volume 1, Sheet 1

Volume 1, Sheet 6



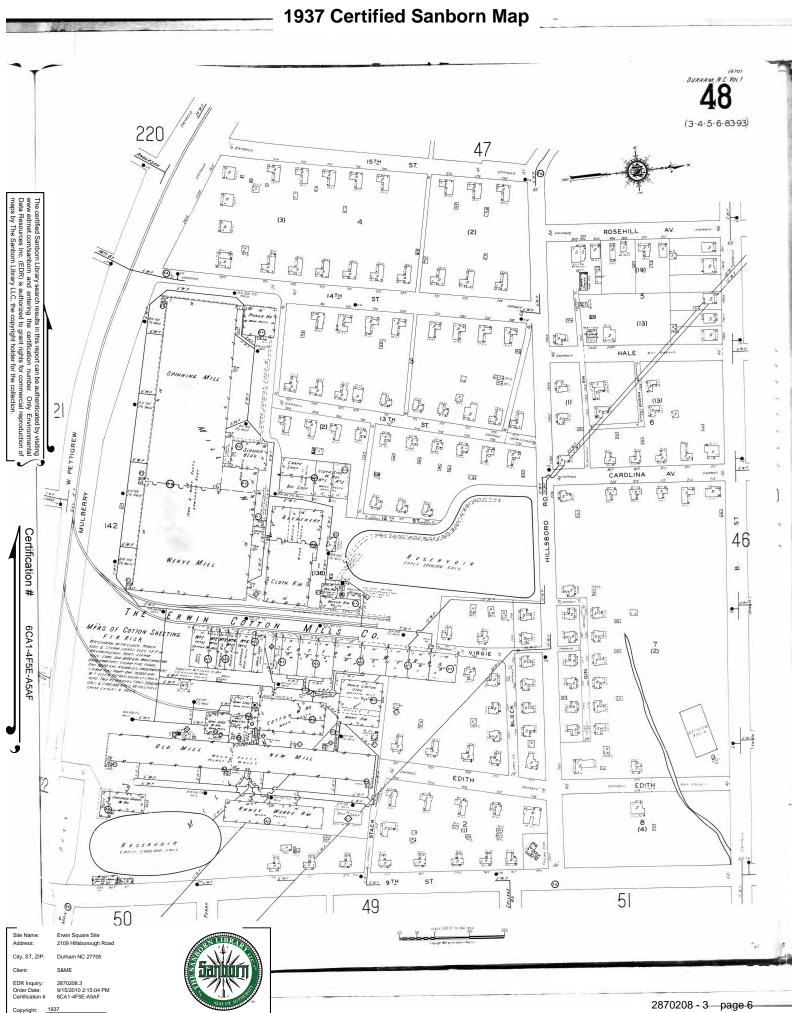
Site Name:	Erwin Square Site	The second second
Address:	2109 Hillsborough Road	STATE OF
City, ST, ZIP:	Durham NC 27705	
Client:	S&ME	
EDR Inquiry:	2870208.3	
Order Date:	9/15/2010 2:15:04 PM	
Certification #	6CA1-4F5E-A5AF	SEAL OF AUTHOR
Copyright 1	979	

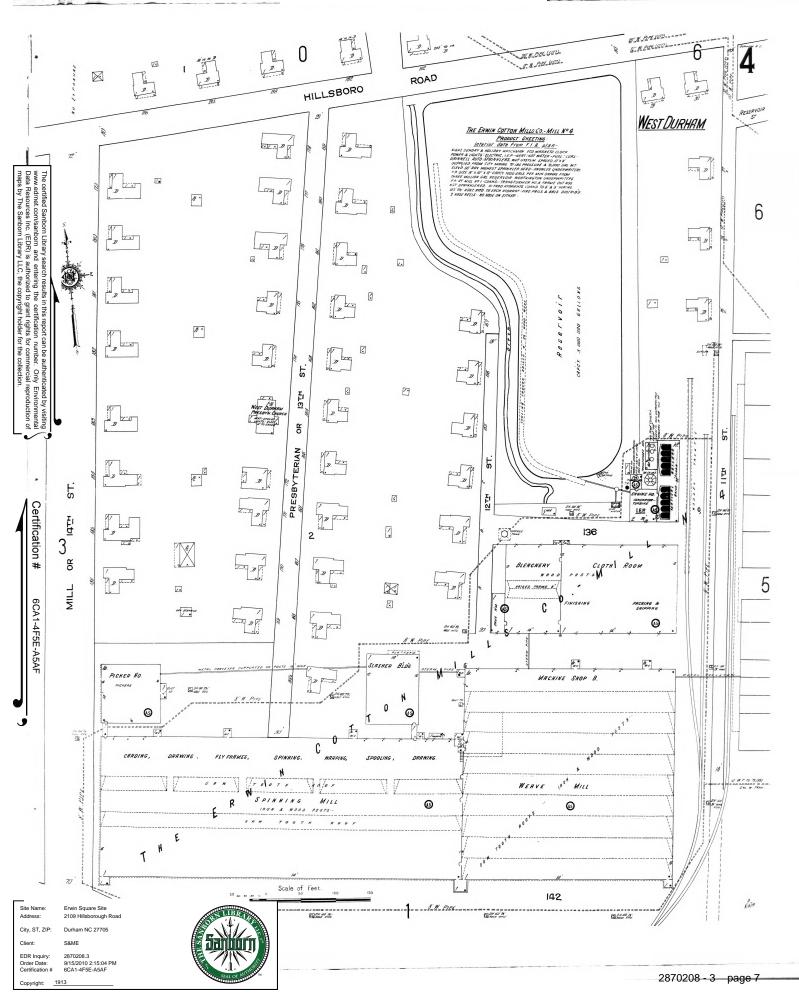


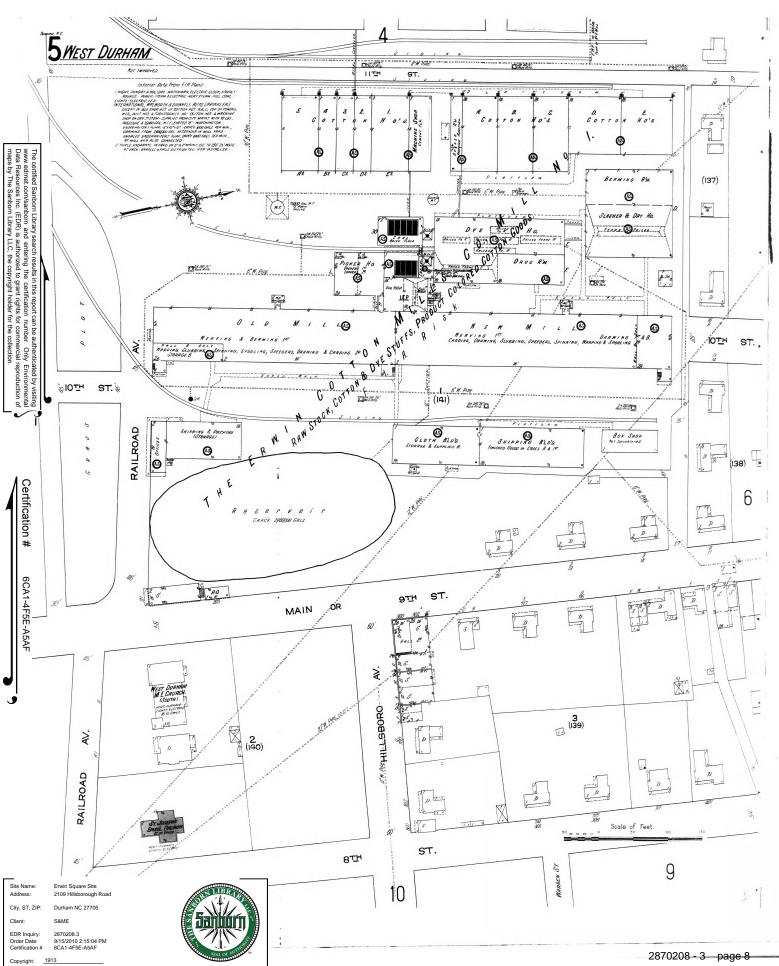


Copyright

1950









Copyright:

1913

Erwin Square Site

2109 Hillsborough Road Durham, NC 27705

Inquiry Number: 2870208.6 September 15, 2010

The EDR-City Directory Abstract



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.

2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.

3. *Findings Listed by Location*. Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. You Select Addresses and EDR Selects Addresses. Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.

2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.

3. You Select Addresses. Use this method for research based solely on the addresses you select or enter into the system.

4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look

at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit <u>www.edrnet.com/2009enhancements</u>

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract 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 Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2009. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2009	infoUSA City Directories	-	х	х	-
2002	Polk Directories	-	Х	Х	-
1997	The Polk Co. City Directories	-	Х	Х	-
1995	R. L. Polk Co.	-	Х	Х	-
1990	R. L. Polk Co.	-	Х	Х	-
1983	R. L. Polk Co.	-	Х	Х	-
1979	General Telephone Company of the Southeast	-	х	Х	-
1975	General Telephone Company of the Southeast	-	Х	Х	-
1969	HILL DIRECTORY COMPANY PUBLISHERS	-	Х	х	-
1963	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1958	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1954	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1949	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1944	Hill Directory Co., Inc.,	-	Х	Х	-
1940	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1935	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1930	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1925	Hill Directory Co., Inc., Publishers	-	Х	Х	-
1920	Hill Directory Co., Inc., Publishers	-	-	-	-

TARGET PROPERTY INFORMATION

ADDRESS

2109 Hillsborough Road Durham, NC 27705

FINDINGS DETAIL

Target Property research detail.

No Addresses Found

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>9TH</u>

728 9TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	Art Craft Framing Co	General Telephone Company of the Southeast
1975	Art Craft Framing Co	General Telephone Company of the Southeast
1963	Clean Rite Dry Clns	Hill Directory Co., Inc., Publishers
1954	Clean Rite Cins	Hill Directory Co., Inc., Publishers
1949	Clean Rite Clnrs cldo clnrs	Hill Directory Co., Inc., Publishers
1940	Marthas Beauty Shop	Hill Directory Co., Inc., Publishers
1935	West Durham Beauty Shop	Hill Directory Co., Inc., Publishers
	Kime & Hawley barbers	Hill Directory Co., Inc., Publishers
1930	De Luxe Barber Shop	Hill Directory Co., Inc., Publishers
1925	Sneed W P	Hill Directory Co., Inc., Publishers

729 9TH

<u>Year</u>	<u>Uses</u>
1954	Gunter F Watts
1949	Taylor Roy
1940	Williams Ralph V
1935	Williams Ralph V
1930	Johnson Lennie Mrs
1925	Johnson Lennie Mrs

730 9TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	FIELDS SHOE SERVICE	General Telephone Company of the Southeast
1963	Textile Remnants Inc	Hill Directory Co., Inc., Publishers
1954	Tex Reminants Inc	Hill Directory Co., Inc., Publishers
1949	Ninth St Billiard Parlor	Hill Directory Co., Inc., Publishers
1940	West Durham Cash Store dry	Hill Directory Co., Inc., Publishers
1935	Dollar Store	Hill Directory Co., Inc., Publishers
	Grand Five Cents to One	Hill Directory Co., Inc., Publishers
1930	Osborne Mamie Mrs dry gds	Hill Directory Co., Inc., Publishers

2870208-6

<u>Year</u>	<u>Uses</u>	Source
1925	Osborne Mamie Mrs	Hill Directory Co., Inc., Publishers
732 9TH		
Year	Uses	Source
1979	Prescription Dept	General Telephone Company of the Southeast
	Mc Donalds Drug Store	General Telephone Company of the Southeast
	Mc Donalds Drug Store	General Telephone Company of the Southeast
	Mc Donald Drug Store Prescription Dept	General Telephone Company of the Southeast
1975	Prescription Dept	General Telephone Company of the Southeast
	Mc Donalds Drug Store	General Telephone Company of the Southeast
	Mc Donalds Drug Store	General Telephone Company of the Southeast
	Mc Donald Drug Store Prescription Dept	General Telephone Company of the Southeast
1963	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
1954	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
1949	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
1940	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
1935	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
1930	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
1925	Mc Donalds Drug Store	Hill Directory Co., Inc., Publishers
734 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	DAILEYS INC HARDWARE	General Telephone Company of the Southeast
1963	734 38 Daileys Inc elec appis	Hill Directory Co., Inc., Publishers
1954	734 38 Daileys Inc hsehold appliances	Hill Directory Co., Inc., Publishers
1949	Daileys Inc household	Hill Directory Co., Inc., Publishers
	appliances	Hill Directory Co., Inc., Publishers
1940	Bonardi Louis E fruit and	Hill Directory Co., Inc., Publishers
1935	Bonardi Louis E prod	Hill Directory Co., Inc., Publishers
1930	Cates Lonnie E	Hill Directory Co., Inc., Publishers
1925	Cates L E	Hill Directory Co., Inc., Publishers

736 9TH

<u>Year</u>	<u>Uses</u>
1949	736 38 Claytons Food Store
1940	Bonardi Bliss J Mrs fruit and
	Cate C John
1935	Ninth St Cafe
	CGates C John
1930	Vacant
1925	Service Electric Shoe Shop

737 9TH

<u>Year</u>	<u>Uses</u>
1963	Buchanan Jimmy C G
1954	Cates Clarence E
1949	Cates Clarence E
1940	Cates Clarence E
1935	Gates Clarence E
1930	Cate Clarence C
1925	Walker Wm
	Kidd M C Mrs

738 9TH

<u>Year</u>	<u>Uses</u>
1963	734 38 Daileys Inc elec appis
1954	734 38 Daileys Inc hsehold appliances
1949	736 38 Claytons Food Store
1940	Bishops Uphol Co
1930	Vacant

1925 West Durham Cafe

740 9TH

<u>Year</u>	<u>Uses</u>
1975	Decorative Promotions Inc
1963	Bryant Durham Elec Co Inc contrs
1954	Bonardi Louis E prod
1949	Bonardi Louis E prod
1940	Dailey John C genl mdse
1935	Dailey J Calvin genl mdse
1930	Dailey John C gro
1925	Dailey Jno C

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

Source

General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers

742 9TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	Vacant	Hill Directory Co., Inc., Publishers
	Fields Shoe Shop reprs	Hill Directory Co., Inc., Publishers
1954	Medlins Shoe Shop	Hill Directory Co., Inc., Publishers
	Wilkins Jwlrs	Hill Directory Co., Inc., Publishers
1949	Medlins Shoe Shop reprs	Hill Directory Co., Inc., Publishers
	Whits Cafe	Hill Directory Co., Inc., Publishers
1940	New Champion Shoe Shop	Hill Directory Co., Inc., Publishers
	Brown John D	Hill Directory Co., Inc., Publishers
	reprs	Hill Directory Co., Inc., Publishers
1935	reprs	Hill Directory Co., Inc., Publishers
	Brown John D	Hill Directory Co., Inc., Publishers
	New Champion Shoe Shop	Hill Directory Co., Inc., Publishers
	Durham Dairy Products Inc	Hill Directory Co., Inc., Publishers
1930	Westover Elee \$hoe Shop	Hill Directory Co., Inc., Publishers
1925	West Durham Cash Store	Hill Directory Co., Inc., Publishers

744 9TH

<u>Year</u>	<u>Uses</u>
1979	Carolina Labor Temple
	ERA Action Center
	National Organization For Women
1963	Paragons 5 to \$1 00 Store
1954	Paragon 5 to \$1 00 Store
1949	Paragon 5c to \$1 00 Store
1935	Hill Richd C
1930	Massey John L
1925	Byrd Sivil Mrs
745 9TH	

<u>Year</u>	<u>Uses</u>
1963	Gaster Stacy C
1954	Gaster Stacy C
1949	Carden Geo D
1940	Carden Geo D
1935	Carden Geo D
1930	Carden Geo D

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

<u>Year</u>	<u>Uses</u>
1925	Carden G D

746 9TH <u>Year</u> <u>Uses</u> 1979 KERR BALDWIN CRAFTS & ARTS 1975 Gordons Clothing Store 1963 Gordons Mens Clo 1954 Gordons cldo 1949 Gordons mens cldo 1935 Murphy Icglenna Mrs Cut Rate Store geni mdse 1930 Little Gift Shop The Murphy Icglenna Mrs 1925 Hall C D

748 9TH

<u>Year</u>	<u>Uses</u>
1979	Whits Grill
1975	Whits Grill
1963	Whits Grill restr
1954	Whitaker Bros Gro & Mkt
1949	Whitaker Bros gros
1940	Tallys Market meats
1935	Tallys Market meats
1930	West Durham Market meats
1925	Tyndall E R

750 9TH

<u>Year</u>	<u>Uses</u>
1963	Rambeaus Barber Shop
1954	Ninth St Barber Shop
1949	Ninth St Barber Shop
1940	Ninth St Barber Shop
1935	Ninth St Barber Shop
1930	Mosers Barber Shop
1925	Universal Stores Inc

<u>Source</u>

Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast General Telephone Company of the Southeast Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

752 9TH

<u>Year</u>	<u>Uses</u>	<u>S(</u>
1979	Wagners Grocery	Go
	WAGNERS AUTOMOTIVE	Go Sc
1975	Wagners Grocery	Go Sc
1963	Wagners Little Food Store gros	Hi
1954	Wagners Little	Hi
	Food Store	Hi
1949	Wagners Grocery	Hi
1940	Universal Stores gros	Hi
1935	Universal Stores gros	Hi
1930	Universal Stores Co Inc br	Hi
1925	Vacant	Hi
753 9TH		
<u>Year</u>	<u>Uses</u>	<u>S</u> (
1963	Rose Henry L	Hi
4054		

1963 Rose Henry L 1954 Carden Benny E 1949 Odom Lussie A 1940 Odom Lussia A 1935 Odom Lussia A 1930 Odom Lussia A 1925 Stephens J A Chesnutt Henry

754 9TH

<u>Year</u>	<u>Uses</u>
1949	Sou Dry Clnrs Inc cldo clnrs
1940	Columbia Billiard Parlor
1935	Penders Stores br gros
1930	Penders Stores Co br gros
1925	York W M
	Davis W C

756 9TH

<u>Year</u>	<u>Uses</u>
1979	Southern Dry Cleaners& Laundry

<u>Source</u>

General Telephone Company of the Southeast		
General Telephone Company of the Southeast		
General Telephone Company of the Southeast		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1975	SOUTHERN DRY CLEANERS & LAUNDRY	General Telephone Company of the Southeast	
1963	Sou Dry Clns & Lndry Inc	Hill Directory Co., Inc., Publishers	
1954	Sou Dry Clns Inc	Hill Directory Co., Inc., Publishers	
1940	Sou Dry Clnrs	Hill Directory Co., Inc., Publishers	
1935	Sou Dry Clnrs	Hill Directory Co., Inc., Publishers	
1930	rear Moser Wm M	Hill Directory Co., Inc., Publishers	
	Barboir Minnie M restr	Hill Directory Co., Inc., Publishers	
758 9TH			
<u>Year</u>	Uses	<u>Source</u>	
1979	Towel Shop The	General Telephone Company of the Southeast	
	Lingerie Outlet The	General Telephone Company of the Southeast	
	J M H Factory Distributors	General Telephone Company of the Southeast	
	Huggins Marion D	General Telephone Company of the Southeast	
1975	Huggins Marion D	General Telephone Company of the Southeast	
	JM H Factory Distributors	General Telephone Company of the Southeast	
	Lingerie Outlet The	General Telephone Company of the Southeast	
	Towel Shop The	General Telephone Company of the Southeast	
1963	Eubanks Red & White Super Mkt Inc gros	Hill Directory Co., Inc., Publishers	
1954	Colonial Stores Inc br gros	Hill Directory Co., Inc., Publishers	
1949	Colonial Stores Tnc br gros	Hill Directory Co., Inc., Publishers	
1940	Penders Stores br gros	Hill Directory Co., Inc., Publishers	
1935	Vacant	Hill Directory Co., Inc., Publishers	
760 9TH			
<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1949	760 61 Vacant	Hill Directory Co., Inc., Publishers	
1010		Lill Directory Co. Inc. Dublishers	

1940

1935

1930

1925

760 61 Vacant	Hill Directory Co., Inc., Publishers
Paragon 5c to \$1 Store	Hill Directory Co., Inc., Publishers
Vacant	Hill Directory Co., Inc., Publishers
Champion Ihoe Shop shoe	Hill Directory Co., Inc., Publishers
760 762 Carter L R	Hill Directory Co., Inc., Publishers

761 9TH

<u>Year</u>	<u>Uses</u>
1963	May Stephen T
1954	Eubanks Dell M
1949	760 61 Vacant
1940	Carrigan Thos M
1935	Carrigan Thos M
1930	Carrigan Thor M
1925	Carrigan T M

762 9TH

<u>Year</u>	<u>Uses</u>
1963	Lees Watch Repr Shop
1954	762 64 Jakes Inc sport ing gds
1949	762 64 Whittrnores Bakery
1940	Whitmores Bakery
1935	Whitmores Bakery
1930	Vacant
1925	Cole C H
	Rowland Brazil Mrs
	760 762 Carter L R
	Johnson C J
	Cole J C

764 9TH

<u>Year</u>	<u>Uses</u>	<u>Sour</u>
1979	SLOAN AUTO PARTS INC	Gene South
1975	SLOAN AUTO PARTS INC	Gene South
1963	Browns Auto Sup Co	Hill D
	Vacant	Hill D
1954	762 64 Jakes Inc sport ing gds	Hill D
	Jernigan J Lee	Hill D
1949	762 64 Whittrnores Bakery	Hill D
	Dixon Mary	Hill D
1940	Vacant	Hill D
	Macks Food Shop gros	Hill D
1935	Barbour Minnie M	Hill D
	Macks Food Shop	Hill D
1930	College rd intersts	Hill D

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

Source

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

rce

General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	Brown John D	Hill Directory Co., Inc., Publishers
	Johnson Ciyde J	Hill Directory Co., Inc., Publishers
	Vac Ep	Hill Directory Co., Inc., Publishers
800 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	Carolina Baseball League	Hill Directory Co., Inc., Publishers
802 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	County ABC Bd	Hill Directory Co., Inc., Publishers
	Store No 3 liquors	Hill Directory Co., Inc., Publishers
803 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	STEPHENSON INC	General Telephone Company of the Southeast
	House Of Hair The	General Telephone Company of the Southeast
1975	VANITY NOOK	General Telephone Company of the Southeast
	STEPHENSON INC	General Telephone Company of the Southeast
1963	Snack Pit The restr	Hill Directory Co., Inc., Publishers
1954	Walsh Chas H	Hill Directory Co., Inc., Publishers
	Walshs Drive Inrestr	Hill Directory Co., Inc., Publishers
1949	Ninth St Grill	Hill Directory Co., Inc., Publishers
805 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	WATSON ELECTRICAL CONSTR CO	General Telephone Company of the Southeast
1963	Elec Sup Co of Durham Inc whol	Hill Directory Co., Inc., Publishers
1954	Sears Launderette	Hill Directory Co., Inc., Publishers
1949	Sears Launderette	Hill Directory Co., Inc., Publishers
806 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	County ABC Bd Store No	Hill Directory Co., Inc., Publishers
1954	Mc Broom Myrtle Mrs	Hill Directory Co., Inc., Publishers
1949	Holt W Bruce	Hill Directory Co., Inc., Publishers
	County ABC Bd Store No	Hill Directory Co., Inc., Publishers

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1940	Waller Romey	Hill Direc
1935	Waller Romey	Hill Direc
1930	Jackson Nora Mrs	Hill Direc
1925	Jackson Nora Mrs	Hill Direc
807 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	Durham contrs	Hill Direc
	Watson Electrical Constn Co of	Hill Direc
1954	industrial sups	Hill Direc
	Sears Sup Co Inc	Hill Direc
1949	Never Vex Tnc	Hill Direc
808 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	808 10 Vacant	Hill Direc
1954	Gibbs Jeff H	Hill Direc
1949	Gibbs Jeff H	Hill Direc
1940	Harrel Wm J	Hill Direc
1935	Harrell Wm J	Hill Direc
1930	Cates I Lee	Hill Direc
	Browning Demsey H	Hill Direc
1925	Blake I E	Hill Direc
809 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	Tuckers Serv elec appls	Hill Direc
810 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	808 10 Vacant	Hill Direc
1954	James Wesley H	Hill Direc
1949	Sams Carlos F	Hill Direc
1940	Eubanks Jas A	Hill Direc
1935	Maulden Clay J	Hill Direc
4000	BUILTE <i>II</i>	

1930

1925

Blake I Emmett

Eborn J i S

Hill Director	y Co.,	Inc.,	Publishers
Hill Director	y Co.,	Inc.,	Publishers
Hill Director	y Co.,	Inc.,	Publishers
Hill Director	y Co.,	Inc.,	Publishers

Hill Directory Co., Inc.	, Publishers
Hill Directory Co., Inc.	, Publishers
Hill Directory Co., Inc.	, Publishers
Hill Directory Co., Inc.	, Publishers
Hill Directory Co., Inc.	, Publishers

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

ctory Co., Inc., Publishers

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

811 9TH

<u>Year</u>	<u>Uses</u>
1979	PMA Business Forms & Supplies
	Authorized Imported Parts Wholesale Warehouse Distributors
1963	Royal Sandwich & Food Co
1954	Sears Whol Co Inc confrs
1949	Sears Whol Co confrs
813 9TH	
<u>Year</u>	<u>Uses</u>
1954	813 15 Royal Sandwich & Food Co
1949	813 15 Royal Sandwich
814 9TH	
814 9TH <u>Year</u>	<u>Uses</u>
• • • • • • • • •	<u>Uses</u> Restaurants
<u>Year</u>	
<u>Year</u> 1979	Restaurants
<u>Year</u> 1979 1963	Restaurants Rhodes Daisy E Mrs
<u>Year</u> 1979 1963 1954	Restaurants Rhodes Daisy E Mrs Lockamy Kate W Mrs
<u>Year</u> 1979 1963 1954 1949	Restaurants Rhodes Daisy E Mrs Lockamy Kate W Mrs Lockamy Kate W Mrs
<u>Year</u> 1979 1963 1954 1949	Restaurants Rhodes Daisy E Mrs Lockamy Kate W Mrs Lockamy Kate W Mrs Mc Donald Ice & Coal Co
Year 1979 1963 1954 1949 1940	Restaurants Rhodes Daisy E Mrs Lockamy Kate W Mrs Lockamy Kate W Mrs Mc Donald Ice & Coal Co Lockamy Wm M

815 9TH

<u>Year</u>	<u>Uses</u>
1979	CAL TONE PAINT CO
1954	813 15 Royal Sandwich & Food Co
1949	Food Co
	813 15 Royal Sandwich

816 9TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	Biscuit King	General Telephone Company of the Southeast
1975	Round The Clock	General Telephone Company of the Southeast
1935	Church of God The	Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co.,	Inc.,	Publishers
Hill Directory Co.,	Inc.,	Publishers

<u>Source</u>

General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

Telephone Company of the st	
ctory Co., Inc., Publishers	

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1935	Mc Donald Ice & Coal Co	Hill Directory Co., Inc., Publishers
1930	White Star Lndy	Hill Directory Co., Inc., Publishers
1925	West Durham Wet Wash	Hill Directory Co., Inc., Publishers
	Laundry	Hill Directory Co., Inc., Publishers
817 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	Carltons Upholstery	General Telephone Company of the Southeast
1963	Vacant	Hill Directory Co., Inc., Publishers
	Toast Rite Sandwich Co whol	Hill Directory Co., Inc., Publishers
1954	Toast Rite Grill	Hill Directory Co., Inc., Publishers
	Toast Rite Sandwich Co	Hill Directory Co., Inc., Publishers
1949	Toast Rite Grill	Hill Directory Co., Inc., Publishers
	Toast Rite Sandwich Co	Hill Directory Co., Inc., Publishers
900 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	Mc Donald Ice & Coal Co	Hill Directory Co., Inc., Publishers
1949	Mc Donald Ice & Coal Co	Hill Directory Co., Inc., Publishers
904 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	WHITE STAR LAUNDRY & CLEANERS	General Telephone Company of the Southeast
1975	WHITE STAR LAUNDRY & CLEANERS	General Telephone Company of the Southeast
1963	White Star Lndry & Clns Inc	Hill Directory Co., Inc., Publishers
1954	White Star Lndry	Hill Directory Co., Inc., Publishers
1949	White Star Laundry	Hill Directory Co., Inc., Publishers
1940	White Star Laundry	Hill Directory Co., Inc., Publishers
1935	White Star Laundry	Hill Directory Co., Inc., Publishers
906 9TH		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	VANITY NOOK	General Telephone Company of the Southeast
1975	Arthritis Foundation	General Telephone Company of the

General Telephone Company of the Southeast

908 9TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	Barefoot Milton	General Telephone Company of the Southeast
1963	Barefoot Milton	Hill Directory Co., Inc., Publishers
1954	Barefoot Milton L	Hill Directory Co., Inc., Publishers
1949	Braefoot Milton	Hill Directory Co., Inc., Publishers
1940	Barefoot Lula Mrs	Hill Directory Co., Inc., Publishers
1935	Goodwin E Gary	Hill Directory Co., Inc., Publishers
	Barefoot Lula Mrs	Hill Directory Co., Inc., Publishers
1930	Barefoot Lula Mrs	Hill Directory Co., Inc., Publishers
1925	Barefoot Lula Mrs	Hill Directory Co., Inc., Publishers

<u>9TH ST</u>

728 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	VAGUELY REMINISCENT womens	Polk Directories
	spity clothg s	Polk Directories
1997	VAGUELY REMINISCENT womens clothng strs	The Polk Co. City Directories
1995	VAGUELY REMINISCENT womens cdo	R. L. Polk Co.
	9TH ST ontd	R. L. Polk Co.
1990	Vaguely Reminiscent womens cldo	R. L. Polk Co.
1983	Vaguely Reminiscent	R. L. Polk Co.
1969	CHEEK DRY CLEANERS INC	HILL DIRECTORY COMPANY PUBLISHERS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	stores	Polk Directories
	DOGSTAR TATTOO COMPANY jwlry	Polk Directories
1997	EXPRESS O SELF busn consltng	The Polk Co. City Directories
1995	CYCLE CENTER ret bike & accessories store	R. L. Polk Co.
1990	Wild Bills Pizza	R. L. Polk Co.
1983	Fields Shoe Service	R. L. Polk Co.
1969	CHARLES LOCK & SAFE SALES & SERVICE	HILL DIRECTORY COMPANY PUBLISHERS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ERWIN SQUARE APARTMENTS	infoUSA City Directories
	Anapol Edward	infoUSA City Directories
2002	Wolfe Alexandra	Polk Directories
	Bressler Eugene N ID	Polk Directories
	Bressler Michael R	Polk Directories
	44 45 Not Verified 2 Apts	Polk Directories
	44 45 Not Verified 2 Apts	Polk Directories
	Galanos Mary K	Polk Directories
	47 50 Not Verified 4 Apts	Polk Directories
	47 50 Not Verified 4 Apts	Polk Directories
	Advani Anjali S E	Polk Directories
	Not Verified	Polk Directories
	Heeney Matthew	Polk Directories
	Heeney Pauline	Polk Directories
	Not Verified	Polk Directories
	Anapol Edward	Polk Directories
	Not Verified	Polk Directories
1997	Bain Landen C	The Polk Co. City Directories
	Bain Kathleen J	The Polk Co. City Directories
	Advani Monica S	The Polk Co. City Directories
	Advani Anjali S	The Polk Co. City Directories
	Ownley Larry W	The Polk Co. City Directories
	55 Not Verified 2 Apts	The Polk Co. City Directories
	Asher Melanie	The Polk Co. City Directories
	Beatty Graham	The Polk Co. City Directories
	Bermnont William	The Polk Co. City Directories
	Cates Sarah	The Polk Co. City Directories
	Cusick Katharine	The Polk Co. City Directories
	Dahodwala Nabila A	The Polk Co. City Directories
	Evers Mark	The Polk Co. City Directories
	Giles Jennifer	The Polk Co. City Directories
	Marenbach Tasha	The Polk Co. City Directories
	Megur M	The Polk Co. City Directories
	Simons Justin	The Polk Co. City Directories
	Sperling Elizabeth	The Polk Co. City Directories
	Stambaugh Christopher	The Polk Co. City Directories
	Young Christopher	The Polk Co. City Directories

<u>Uses</u>	<u>Source</u>
Giuliano Leonard A	The Polk Co. City Directories
Kreidel Deanna S	The Polk Co. City Directories
Not Verified	The Polk Co. City Directories
Erwin Square Apts	R. L. Polk Co.
	Giuliano Leonard A Kreidel Deanna S Not Verified

732 9TH ST

<u>Source</u>

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	No Current Listing	infoUSA City Directories
2002	stores	Polk Directories
	MC DONALDS DRUG STORE drug	Polk Directories
1997	MC DONALDS DRUG STORE drug store	The Polk Co. City Directories
1995	MC DONALDS DRUG STORE INC	R. L. Polk Co.
	pharmacies	R. L. Polk Co.
1990	Mc Donalds Drug Store	R. L. Polk Co.
1983	Mc Donalds Drug Store	R. L. Polk Co.
1969	MC DONALDS DRUG STORE	HILL DIRECTORY COMPANY PUBLISHERS

734 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Bernards Formal Wear	infoUSA City Directories
2002	BERNARDS FORMAL WEAR misc	Polk Directories
	appri	Polk Directories
1997	BERNARDS FORMAL WEAR mens/boys clothing	The Polk Co. City Directories
	Lorenzo Norma J A	The Polk Co. City Directories
1995	BERNARDS FORMAL WEAR INC formal	R. L. Polk Co.
	wear tuxedo rental serv	R. L. Polk Co.
1990	Bernards Formal Wear Inc	R. L. Polk Co.
1983	Daileys Inc hdw & appliances ret	R. L. Polk Co.
1969	DAILEYS INC HDW RET F	HILL DIRECTORY COMPANY PUBLISHERS
	APPLIANCES	HILL DIRECTORY COMPANY PUBLISHERS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Baelk Architecture	infoUSA City Directories
	Belk G Edwin v	infoUSA City Directories
2002	ARDA archt serv	Polk Directories
1997	ARDA architectural svcs	The Polk Co. City Directories

1997 Belk G E

<u>Uses</u>

736 9TH ST

<u>Year</u>	<u>Uses</u>
1995	BERNARDS FORMAL WEAR ADDL SP
1990	Rainbow Collection the gift & clothing

737 9TH ST

<u>Year</u>

<u>Source</u>

The Polk Co. City Directories

<u>Source</u>

R. L. Polk Co. R. L. Polk Co.

<u>Source</u>

2009	Vin Rouge	infoUSA City Directories
	Giorgios Hospitality Mgmt GRP	infoUSA City Directories
	Georges Garage	infoUSA City Directories
	Georges Bakery	infoUSA City Directories
	G Loft	infoUSA City Directories
2002	PARIZADE restr	Polk Directories
	KERR DRUG photographic serv	Polk Directories
	restr	Polk Directories
	MANAGEMENT GROUP	Polk Directories
	GIORGIOS HOSPITALITY	Polk Directories
	GEORGES GARAGE restr	Polk Directories
1997	KERR DRUG drug store	The Polk Co. City Directories
	GEORGES GOURMET GARAGE eating places	The Polk Co. City Directories
	Fentum Peter C	The Polk Co. City Directories
1995	WELLSPRING GROCERY	R. L. Polk Co.
	ENO TRADERS clothing & outdoor equip	R. L. Polk Co.
	KERR DRUGS	R. L. Polk Co.
1990	Wellspring Grocery	R. L. Polk Co.
	Kerr Drugs	R. L. Polk Co.
	Eno Traders outdoor dclo & equip	R. L. Polk Co.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Jimmy Johns Gourmet Sandwich	infoUSA City Directories
2002	JIMMY JOHNS WORLDS	Polk Directories
	GREATEST restr	Polk Directories
1995	NORTH AMERICAN VIDEO	R. L. Polk Co.
1990	North American Video	R. L. Polk Co.

739 9TH ST

<u>Year</u>	<u>Uses</u>	
2002	GIORGIO FOURATI groceries gent	
740 9TH ST		

<u>Year</u> <u>Uses</u> 2009 International Delights 2002 INTERNATIONAL DELIGHTS restr 1997 INTERNATIONAL DELIGHTS RESTANT eating places Moukanna Zakie F 1995 INTERNATIONAL DELIGHTS restaurants 1990 Delights ice cream shop 1983 Triangle Gun Shop 1969 DECORATIVE PROMOTIONS INC

742 9TH ST

<u>Year</u>	<u>Uses</u>	<u>s</u>
2009	I Love Manhattan Piua	ir
2002	I LOVE NEW YORK PIZZA restr	Ρ
1997	BREAD & BOARD CAFE eating places	Т
1995	BREAD N BOARD CAFE THE reatr	R
1990	Bread N Board Cafe the restr	R
1983	Vacant	R
1969	Y SOUTHEASTERN OFFICE EQUIPMENT & SUPPLY CO	H P
	FIELDS SHOE SHOP	Н

744 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	No Current Listing	infoUSA City Directories
2002	power laundries fam/co	Polk Directories
	FIELDS 24 HOUR LAUNDROMAT	Polk Directories
1997	NINTH STREET BAR & GRILL eating places	The Polk Co. City Directories
	FIELDS 24 HOUR LAUNDROMAT cnoprtd Indrs cln	The Polk Co. City Directories
1995	FIELDS LAUNDROMAT	R. L. Polk Co.
	B NINTH STREET BAR & GRILL	R. L. Polk Co.
	restaurants	R. L. Polk Co.
1990	Fields Laundromat	R. L. Polk Co.

Source

Polk Directories

<u>Source</u>

infoUSA City Directories		
Polk Directories		
The Polk Co. City Directories		
The Polk Co. City Directories		
R. L. Polk Co.		
R. L. Polk Co.		
R. L. Polk Co.		
HILL DIRECTORY COMPANY PUBLISHERS		

<u>Source</u>

infoUSA City Directories Polk Directories The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS HILL DIRECTORY COMPANY PUBLISHERS

<u>Year</u> <u>Uses</u>

1969 FRANKLIN VARIETY STORE

746 9TH ST

<u>Year</u>	<u>Uses</u>
2009	Metro
1997	Not Verified
1995	T C B Y YOGURT yogurt
1983	Dominos Pizza
1969	GORDONS MENS CLO

748 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	No Current Listing	infoUSA City Directories
1997	MIA PIZZA eating places	The Polk Co. City Directories
1995	MIA PIZZERIA	R. L. Polk Co.
1990	Mister Hoagie restaurant	R. L. Polk Co.
1983	Emerald Gardens Florist	R. L. Polk Co.
1969	WHITS GRILL	HILL DIRECTORY COMPANY PUBLISHERS

750 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Banhs Cuisine	infoUSA C
2002	BANH S CUISINE restr	Polk Direc
1997	BAHNS CUISINE eating places	The Polk C
1995	BANHS CUISINE restr	R. L. Polk
1990	Bahns Cuisine restr	R. L. Polk
1983	Bedding Showcase	R. L. Polk
1969	RAMBEAUS BARBER SHOP	HILL DIRE

752 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Jin Shoe Repair & Alterations	infoUSA City Directories
2002	shoeshine	Polk Directories
	JIN SHOE SHOP shoe repr	Polk Directories
	JIN DRY CLEANERS misc appr	Polk Directories
1997	Choi Boksun	The Polk Co. City Directories
1995	JIN SHOE REPAIRS shoe repairing	R. L. Polk Co.

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

Source

infoUSA City Directories The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

City Directories ctories Co. City Directories Co. Co. Co. ECTORY COMPANY PUBLISHERS

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Source R. L. Polk Co. R. L. Polk Co.

<u>Year</u>	<u>Uses</u>
1990	Jin Shoe Repairs
1983	Nicholson Music
1969	WAGNERS LITTLE FOOD STORE

754 9TH ST

<u>Uses</u>

<u>Year</u>

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

2009	Dains Place	infoUSA City Directories
1997	EARTH & SPIRITS gift shop	The Polk Co. City Directories
	Slome Shawn L	The Polk Co. City Directories
1995	EARTH & SPIRIT gift store	R. L. Polk Co.
1990	Natural Wonders hith foods dirs	R. L. Polk Co.
1983	Ninth Street Bakery	R. L. Polk Co.

756 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	758 NCL	infoUSA City Directories
2002	shops	Polk Directories
	GLAZEN BLAZE hobby toy/game	Polk Directories
1995	MEG ALIS POTTERY pottery	R. L. Polk Co.
1983	Bull City Bicycles	R. L. Polk Co.
1969	SOUTHERN DRY CLFANERS & LAUNDRY INC	HILL DIRECTORY COMPANY PUBLISHERS

758 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	Evans Wallace D	The Polk Co. City Directories
	DAILEYS hshold applnce strs	The Polk Co. City Directories
1995	DAILEYS APPLIANCE CENTER hsehold appi	R. L. Polk Co.
1990	Towel Shop the distr	R. L. Polk Co.
	J M H Inc Fcty Distr linens	R. L. Polk Co.
1983	J M H Inc	R. L. Polk Co.
	Towel Shop The mfr	R. L. Polk Co.
1969	TOWEL SHOP THE	HILL DIRECTORY COMPANY PUBLISHERS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	STAGE ONE beauty salon	R. L. Polk Co.

762 9TH ST

<u>Year</u>	<u>Uses</u>
2009	A 1 Stop Mail Shoppe
2002	A 1 STOP MAIL SHOPPE direct mail
1969	LEES WATCH REPAIR SHOP

764 9TH ST

<u>Uses</u>

<u>Year</u>

<u>Source</u>					

infoUSA City Directories **Polk Directories** HILL DIRECTORY COMPANY PUBLISHERS

Source

2009	H & K Custom Screen Printing	infoUSA City Directories
2002	EMBRDRY card prtg/engraving	Polk Directories
	H & K SCREEN PRINTING	Polk Directories
1995	SLOAN AUTO PARTS INC	R. L. Polk Co.
1990	Sloan Auto Parts Inc	R. L. Polk Co.
1983	Sloan Auto Parts Inc	R. L. Polk Co.
1969	BROWNS AUTO SUPPLY CO	HILL DIRECTORY COMPANY PUBLISHERS

800 9TH ST

<u>Year</u>	<u>Uses</u>
1995	DATA FLOW CO INC computers

801 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Pizza Palace Storage	R. L. Polk Co.
1983	House Of Hair The	R. L. Polk Co.
1969	VANITY NOOK	

802 9TH ST

<u>Year</u>	<u>Uses</u>
2009	Dataflow Leasing
2002	DATAFLOW LEASING real estate

803 9TH ST

<u>Year</u>	<u>Uses</u>	,
1997	Not Verified	
1995	Not Verified	
1990	Stephenson Inc bldg sup	
1983	Stephenson Inc bldg sup	
1969	MADDUX SUPPLY CO ELEC SUP	

Source

R. L. Polk Co.

MPANY PUBLISHERS

<u>Source</u>

infoUSA City Directories **Polk Directories**

Source

The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

804 9TH ST

<u>Year</u>	<u>Uses</u>
1983	Alcoholic Beverage Control Store No
1969	ALCOHOLIC BEVERAGE CONTROL STORE NO

805 9TH ST

<u>Year</u>	<u>Uses</u>
1969	WATSON ELECTRICAL CONSTRUCTION CO OF DURHAM

806 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	h May Nancy Tuttie	infoUSA City Directorie
1995	DATAFLOW COMPANIES INC ADDL SP	R. L. Polk Co.
1990	No Return	R. L. Polk Co.
1969	KENTUCKY FRIED CHICKEN NO	HILL DIRECTORY CO

807 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	Koester Joe W	The Polk Co. City Direc
	DFC comptr softwre str	The Polk Co. City Direc
1995	DATAFLOW COMPANIES INC	R. L. Polk Co.
1990	Dataflow Companies Inc	R. L. Polk Co.
1983	Dataflow Inc	R. L. Polk Co.
1969	CO OF DURHAM WHSE	HILL DIRECTORY CO PUBLISHERS
	WATSON ELECTRIC CONSTRUCTION	HILL DIRECTORY CO

809 9TH ST

<u>Year</u>	<u>Uses</u>
1969	MADDUX SUPPLY CO WHSE

811 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Ball Hal Restaurant	infoUSA
	Number 280 Stoner Lisa 0 DDS	infoUSA
	Number 220 Stewart & Stewart	infoUSA
	Number 100 One Worid Market	infoUSA
	Lavish Hair Spa	infoUSA

<u>Source</u>

R. L. Polk Co.
HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

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The Polk Co. City Directories
The Polk Co. City Directories
R. L. Polk Co.
R. L. Polk Co.
R. L. Polk Co.
HILL DIRECTORY COMPANY PUBLISHERS
HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

City Directories **City Directories City Directories City Directories City Directories**

<u>Year</u>	<u>Uses</u>	
2009	Multi Unit Address	
	Number 200 Tsi Healthcare	
	Number 150 Dales Indian Cuisine	
	Ekstrand & Eksbtrand LLP	
1969	MADOUX SUPPLY CO WHSE	

813 9TH ST

<u>Year</u>	<u>Uses</u>
1969	GRAHAM KNITWEAR CLO

814 9TH ST

<u>Year</u>	<u>Uses</u>
1995	DATAFLOW INC OVERFLOW
1990	Dataflow Inc Overflow
1983	Kentucky Fried Chicken

815 9TH ST

<u>Year</u>	<u>Uses</u>
1997	Not Verified
1995	DATAFLOW INC OVERFLOW
1990	Dataflow Inc Overflow
1983	Cal Tone Paint & Decorating Center
1969	LANE AUTO SUPPLY

816 9TH ST

<u>Year</u>	<u>Uses</u>
2009	No Current Listing
2002	BISCUIT KING restr
1997	BISCUIT KING eating places
1995	BISCUIT KING take out restr
1990	Biscuit King take out restr
1983	Biscuit King take out restr
1969	CROSS KEYS RESTAURANT

817 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	b No Return	R. L. Polk Co
1983	Little River Archery	R. L. Polk Co

Source

infoUSA City Directories infoUSA City Directories infoUSA City Directories infoUSA City Directories HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

Source

R. L.	Polk	Co.
R. L.	Polk	Co.
R. L.	Polk	Co.

Source

The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

infoUSA City Directories **Polk Directories** The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

ю. ю.

	YOUNG ROBERT H SALES & SERVICE	HILL DIREC ⁻ PUBLISHER	
	TOAST RITE SANDWICH CO WHOL	HILL DIREC ⁻ PUBLISHER	
819 9TH	ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1997	Not Verified	The Polk Co.	
904 9TH ST			
<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2009	White Star Laundry & Cleaners	infoUSA City	
2002	WHITE STAR LAUNDRY	Polk Director	
	CLEANERS Indry/drycleaner agts	Polk Director	
1997	WHITE STAR LAUNDRY cn oprtd Indrs cln	The Polk Co.	
1995	WHITE STAR LAUNDRY & CLEANERS INC	R. L. Polk Co	
1990	White Star Laundry & Cleaners Inc	R. L. Polk C	
1983	White Star Laundry & Cleaners Inc	R. L. Polk C	
1969	LIST OF EMPS MAILED	HILL DIREC ⁻ PUBLISHER	

WHITE STAR LAUNDRY & CLEANERS INC

906 9TH ST

<u>Year</u>

1983

1969

<u>Uses</u>

Classic Coins Of Durham

VENETIAN BLINDS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Vanity Nook beauty shop	R. L. Polk Co.
1983	Vanity Nook beauty shop	R. L. Polk Co.

908 9TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	H Walker H T	infoUSA City Directories
2002	Walker Howard T & Shirley	Polk Directories
1997	Walker Shirley S	The Polk Co. City Directories
	Walker Howard T	The Polk Co. City Directories
1995	Walker Howard T M	R. L. Polk Co.
1990	Walker Howard T	R. L. Polk Co.
1983	Barefoot Milton	R. L. Polk Co.

<u>Source</u>

R. L. Polk Co.
HILL DIRECTORY COMPANY PUBLISHERS
HILL DIRECTORY COMPANY PUBLISHERS
HILL DIRECTORY COMPANY PUBLISHERS

o. City Directories

infoUSA City Directories
Polk Directories
Polk Directories
The Polk Co. City Directories

Co.

Co.

Co.

TORY COMPANY PUBLISHERS

HILL DIRECTORY COMPANY PUBLISHERS

<u>Year</u>	<u>Uses</u>
1969	BAREFOOT MILTONo

<u>EDITH</u>

812 EDITH

<u>Year</u>	<u>Uses</u>
1944	Vacant

813 EDITH

<u>Year</u>	<u>Uses</u>
1963	Haynes Clifford E
1958	Bowling Otha L
1954	Bowling Otha L
1949	Bowlingtha
1944	Hall Wiley A
1940	Hall Wiley A

814 EDITH

<u>Year</u>	<u>Uses</u>
1963	Walker Wm N
1958	Griffin John D
1954	Not open between 814 and B
	Mc Broom Aurelia L Mrs
1949	Mc Broom Aurelia L Mrs
1944	Not open between
	Mc Broom Aurelia L Mrs
	and B
1940	Mc Broom Aurelia L Mrs

905 EDITH

<u>Year</u>	<u>Uses</u>
1979	Browning J H Mrs
1975	Browning J H Mrs
1963	Browning Maggie C Mrs
1958	Browning Maggie E Mrs
1954	Browning Maggie E Mrs
1949	Browning Maggie E Mrs
1944	Browning Maggie E Mrs

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

Hill Directory Co., Inc.,

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc., Hill Directory Co., Inc., Hill Directory Co., Inc.,

<u>Source</u>

General Telephone Company of the Southeast General Telephone Company of the Southeast Hill Directory Co., Inc., Publishers Hill Directory Co., Inc.,

1940 Browning Maggie E Mrs 907 EDITH

<u>Uses</u>

<u>Year</u>

<u>Uses</u> <u>Year</u> 1979 Fisher Raymond Mrs 1975 Crane Virginia 1963 Riggs Maggie W Mrs 1958 Riggs Maggie W Mrs 1954 Riggs Peggy L Riggs Maggie W Mrs 1949 **Riggs Maggie Mrs** 1944 Bryant Pearl G 1940 Bryant Pearl G

911 EDITH

<u>Year</u>	<u>Uses</u>
1979	Rezeika Mimo
	Rhew Addie
1975	Rhew Addie
1963	Underwood Viola R Mrs
1958	Avery Yancey S
1954	Conway Ernest L
	Avery Yancey S
1949	Avery Yancey S
1944	Avery Yancey S
1940	Avery Yancey S

913 EDITH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	Utley Charles T	General Telephone Company of the Southeast
	Harper Brodie	General Telephone Company of the Southeast
1975	Utley Charles T	General Telephone Company of the Southeast
	Harper Brodie	General Telephone Company of the Southeast
1963	Lesher Richd C	Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast General Telephone Company of the Southeast Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc.,

<u>Source</u>

General Telephone Company of the Southeast		
General Telephone Company of the Southeast		
General Telephone Company of the Southeast		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc., Publishers		
Hill Directory Co., Inc.,		
Hill Directory Co., Inc., Publishers		

<u>Year</u>	<u>Uses</u>	
1963	Johnson Jack I	
1958	Vacant	
	Lewis Nora Mrs	
1954	Reams Dewey T	
	Steele Arth R	
1949	Aldridge Maggie L	
1944	Aldridge Maggie L	
1940	Aldridge Maggie L	

917 EDITH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1979	Carlton Lee Mrs	General Telephone Southeast
1975	Carlton Lee Mrs	General Telephone Southeast
1963	Evans W Hubert	Hill Directory Co., I
1958	Evans W Hubert	Hill Directory Co., I
1954	Chase Rodney L	Hill Directory Co., I
	Evans W Hubert	Hill Directory Co., I
1949	Evans W Hubert	Hill Directory Co., I
1944	Evans W Hubert	Hill Directory Co., I
1940	Evans W Hubert	Hill Directory Co., I

EDITH ST

813 EDITH ST

<u>Year</u>	<u>Uses</u>
1969	COOPER WALLACE

814 EDITH ST

<u>Year</u>	<u>Uses</u>
1969	WALKER WM N

901 EDITH ST

<u>Year</u>	<u>Uses</u>
2009	No Current Listing

905 EDITH ST

<u>Year</u>	<u>Uses</u>
2009	Walsh Ken & Barbie

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u> infoUSA City Directories

<u>Source</u> infoUSA City Directories

<u>Year</u>	<u>Uses</u>
2002	Holtsclaw Alex J
	Gallagher Margaret R
	Holtsclaw Patricia G
	WAYLAY RECORDS busn serv
1997	Waeaver Rebecca G
1995	Not Verified
1990	Riley Lyda M
1983	Browning Maggie C Mrs
1969	BROWNING MAGGIE C MRS

907 EDITH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Muehlbauer John	infoUSA City Directories
2002	Not Verified	Polk Directories
1997	Fisher Raymond T	The Polk Co. City Directories
1995	Fisher Raymond T	R. L. Polk Co.
1990	Fisher Raymond T O	R. L. Polk Co.
1983	Fisher Raymond T	R. L. Polk Co.
1969	CRANE WM B	HILL DIRECTORY COMPAN

911 EDITH ST

<u>Year</u>	<u>Uses</u>	<u>Sourc</u>
2009	H Gavilan William A	infoUS
2002	Gavilan William	Polk Di
1997	Lenhart Michael A	The Po
1995	911 913b Not Verified 3 Hsea	R. L. P
1990	Phillips Douglas	R. L. P
1983	Rhew Eulichous G	R. L. P
1969	UNDERWOOD VIOLA R MRS	HILL D

913 EDITH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	No Current Listing	infoUSA City
2002	A Miles Norman R Jr 1 A	Polk Directori
1997	Miles Norman R Jr	The Polk Co.
	B Not Verified	The Polk Co.
	Norton Sarah H	The Polk Co.
1995	911 913b Not Verified 3 Hsea	R. L. Polk Co

<u>Source</u>

Polk Directories
Polk Directories
Polk Directories
Polk Directories
The Polk Co. City Directories
R. L. Polk Co.
R. L. Polk Co.
R. L. Polk Co.
HILL DIRECTORY COMPANY PUBLISHERS

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SA City Directories Directories olk Co. City Directories Polk Co. Polk Co. Polk Co. DIRECTORY COMPANY PUBLISHERS

Directories ries **City Directories** City Directories City Directories ю.

<u>Source</u>

R. L. Polk Co. R. L. Polk Co.

<u>Year</u>	<u>Uses</u>
1990	b Aldridge Wm H Jr
	a Woodlief Jack
1983	Aldridge Wm Jr
	Harper Brodie L
1969	K HARPER BRODIE L
	UTLEY C T

917 EDITH ST

<u>Uses</u>

<u>Year</u>

R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

<u>Source</u>

The Polk Co. City Directories

2009	H Cadton Lee Mrs	infoUSA City Directories
2002	Carlton Lee N Jr & Lois	Polk Directories
1997	Carlton Lee N Jr	The Polk Co. City Directories
1995	Carlton Lee Jr +h	R. L. Polk Co.
1990	Carlton Lee Jr O	R. L. Polk Co.
1983	Carlton Lee L Jr	R. L. Polk Co.
1969	EVANS PEARL S MRS	HILL DIRECTORY COMPANY PUBLISHERS

GREEN ST

2102 GREEN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	No Current Listing	infoUSA City Directories
2002	Mason Clyde R	Polk Directories
1997	Mason Philip W	The Polk Co. City Directories
	Mason Clyde R	The Polk Co. City Directories

2142 GREEN ST

<u>Year</u>	<u>Uses</u>
1997	Not Verified

HILLSBORO RD

2000 HILLSBORO RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	Mc Brooms Equip Rentals Co In	Hill Directory Co., Inc., Publishers
	Harward Roy J	Hill Directory Co., Inc., Publishers
1958	West Gulf SIs & Serv gas sta	Hill Directory Co., Inc., Publishers
1954	West Gulf SIs	Hill Directory Co., Inc., Publishers

<u>Year</u>	<u>Uses</u>
1954	Serv fill sta
1949	West SIs & Serv fill sta

2001 HILLSBORO RD

<u>Year</u>	<u>Uses</u>
1963	Stricks Drive In Shoe Shop
	reprs
1958	Mc Afee Bros Serv Sta gas sta
1954	Serv Sta
	Moores Texaco
1949	Mc Brooms Texaco Serv Sta
1944	Chatham Service Station
1940	Council Service Sta
1935	Granite Service Sta No

2100 HILLSBORO RD

<u>Year</u>	<u>Uses</u>
1963	Wilkins Herman A
	Cagle Ernest T
	Wilkins Furn Rms
1958	Fields Lillie J Mrs bdg hse
1954	New Louise D Mrs bdg
	New Dora M
1949	New Louise D Mrs bdg
1944	New Louise Mrs
1940	New Louise Mrs
1935	New Geo R
1930	New Geo R
1925	New G R

2105 HILLSBORO RD

1963	2105 15	5 Erwin	Mills	Inc rear	ent

2115 HILLSBORO RD

<u>Year</u>	<u>Uses</u>
1963	2105 15 Erwin Mills Inc rear ent

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc., Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers

2216 HILLSBORO RD

<u>Year</u>	<u>Uses</u>
1963	Shepherd Robt L
1958	Shepherd Robt L
1954	Shepherd Robt L
1949	Shephard Robt
1944	Hamlett Elihu L
1940	Hamlett Elihu L
1935	Hamlett Elihu L
1930	Russell Ira E
1925	Cates C E

2300 HILLSBORO RD

<u>Year</u><u>Uses</u>

1963	Cagle Norman C
1958	Prevatte Luke
1954	Honeycutt Mary P Mrs
1949	Honeycutt Mary Mrs
1944	White Dewey W
1940	White Dewey W
1935	White Dewey W
1930	Gibbs Othel E
1925	Mayes A C

772 HILLSBORO RD

<u>Year</u>	<u>Uses</u>
1935	9th 1 south of B

HILLSBOROUGH RD

2000 HILLSBOROUGH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	orocessing/prepar	Polk Directories
	REACTIVE SEARCH data	Polk Directories
1997	HAIR CREATIONS & TAN SALON beauty shops	The Polk Co. City Directories
	PHOTO STUDIO photo stdios prtrt	The Polk Co. City Directories
1995	OF DURHAM INC	R. L. Polk Co.
	UNISEX HAIR STUDIO HAIR CREATIONS	R. L. Polk Co.

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers

<u>Source</u>

Hill Directory Co., Inc., Publishers

<u>Year</u>	<u>Uses</u>
1995	PEREYRA JOSE PHOTOGRAPHY STUDIO
1990	Pereyra Jose Photography Studio
	Durham Inc
	Unisex Hair Studio Hair Creations of
1983	Mid State Business Machines Co
	Corner Cut The
1979	NATIONWIDE INSURANCE
	TRIANGLE T V
	PARKER INSURANCE AGCY
	Local Agents Offices
1975	PARKER INSURANCE AGCY
1969	VACANT

2002 HILLSBOROUGH RD

<u>Year</u>	<u>Uses</u>
2002	PIZZA PALACE OF DURHAM restr
1997	PIZZA PALACE eating places
1995	PIZZA PALACE OF DURHAM
1990	Pizza Palace of Durham
1983	Pizza Palace Of Durham
1979	PIZZA PALACE OF DURHAM INC
1975	PIZZA PALACE OF DURHAM INC
1969	PIZZA PALACE

2211 HILLSBOROUGH RD

<u>Year</u>	<u>Uses</u>
2009	Multi Unit Address
	Number 3087 Andrew Philip
	Number 1045 Wolf Thomas
	Number 2026 Weinberg Stephen E
	Waltne Tim
	Tenuta David
	Station Nine i

<u>Source</u>

R. L. Polk Co.

R. L. Polk Co.
R. L. Polk Co.
General Telephone Company of the Southeast
General Telephone Company of the Southeast
General Telephone Company of the Southeast

General Telephone Company of the Southeast

General Telephone Company of the Southeast

HILL DIRECTORY COMPANY PUBLISHERS

Source

Polk Directories The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. General Telephone Company of the Southeast General Telephone Company of the Southeast HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

infoUSA City Directories infoUSA City Directories

<u>Uses</u>	<u>Source</u>
Number 2002 Smalley L	infoUSA City Directories
Sheldon Andrew	infoUSA City Directories
Sellars B	infoUSA City Directories
Bayern Shawn J	infoUSA City Directories
Bernstein Scott	infoUSA City Directories
Blasi Elisabetta	infoUSA City Directories
Brettman Arin	infoUSA City Directories
Cochrane Kathryn	infoUSA City Directories
Coffman Deborah	infoUSA City Directories
Dacar Michael J	infoUSA City Directories
Number 3008 Dzau Ruth	infoUSA City Directories
Number 163 Erwin Zachary	infoUSA City Directories
Number 1008 Flint R	infoUSA City Directories
Number 2095 Garris Mary	infoUSA City Directories
Gersti Jonathan	infoUSA City Directories
Greenhouse Julie	infoUSA City Directories
Number 2101 Heng David J	infoUSA City Directories
Number 140 Hunt K	infoUSA City Directories
Number 3109 Irish Elizabeth	infoUSA City Directories
Johnson Erin	infoUSA City Directories
Number 1110 Knuppel Elizabeth	infoUSA City Directories
Number 2038 Lafiura Katherine M	infoUSA City Directories
Leach Betty	infoUSA City Directories
Lock Meg an	infoUSA City Directories
Martin Christopher J	infoUSA City Directories
Matthews Meghan	infoUSA City Directories
Mckenzle Katie	infoUSA City Directories
Number 4094 Myer Jeffery	infoUSA City Directories
Number 2024 Nadel William	infoUSA City Directories
Nangle Keith	infoUSA City Directories
Number 4109 Neander Karen	infoUSA City Directories
Number 1022 Nelson	infoUSA City Directories
Oldak Jose	infoUSA City Directories
Number 3104 Paica Lori Number 1060 Park J	infoUSA City Directories
Number 3100 Riedel Adam	infoUSA City Directories
Roy Shoudhury Romit	infoUSA City Directories
Number 3055 Rybicki Joseph	infoUSA City Directories
Number 1054 Schneider Scott	infoUSA City Directories

<u>Year</u> 2009

<u>Year</u><u>Uses</u>

2009 Schum Lisa

2300 HILLSBOROUGH RD

L

<u>Year</u>	<u>Uses</u>
1969	RAY JAMES

<u>VIRGIE</u>

900 VIRGIE

<u>Year</u>	<u>Uses</u>
1963	Honeycutt Charlie E
1958	Watts Frank M
1954	Watts Frank M
1949	Watts Frank
1944	Watts PFrank
1940	Watts Frank

901 VIRGIE

<u>Year</u>	<u>Uses</u>
1979	Wiley Robert H Sr Mrs
	Wiley Dick
1975	Wiley Robert H Sr Mrs
	Wiley Dick
1963	Lloyd Willie M Mrs
	Cheek Hyacinth Mrs
1958	Utley F Ray
	Mitchell Katie M Mrs
1954	Rose Winfred D
1949	Harper Sami D
1944	Harper Saml D
1940	Harper Sami D

904 VIRGIE

<u>Year</u>	<u>Uses</u>
1979	Carden LB
	Carden J L

<u>Source</u>

infoUSA City Directories

<u>Source</u>

HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast General Telephone Company of the Southeast

<u>Year</u>	<u>Uses</u>
1975	Carden L B
	Carden JL
1963	Carden Lundy B
1958	Carden Lundy B
1954	Carden Lundy B
1949	Hamlett Chas T
1944	Hamlett Chas T
1940	Hamlett Chas T

905 VIRGIE

<u>Year</u>	<u>Uses</u>
1979	Perry Linda
	Whitted Coleman
1975	Holmes Barbara M
	Perry Linda
1963	White Agnes K Mrs
	Cates Minerva D Mrs
1958	White Agnes K Mrs
	Cates Minerva D Mrs
1954	Cates Minerva D Mrs
	White Agnes K Mrs
1949	Pope James C
1944	Pope Jas C
1940	Pope Jas C

908 VIRGIE

<u>Year</u>	<u>Uses</u>
1979	Sanderson Bertie J
1975	Sanderson Lutke E
1963	Addison Bertie J Mrs
1958	Addison Bertie J Mrs
1954	Addison Henry C
1949	dison Henry C
1944	Addison Henry C

<u>Source</u>

General Telephone Company of the Southeast	
General Telephone Company of the Southeast	
Hill Directory Co., Inc., Publishers	
Hill Directory Co., Inc.,	
Hill Directory Co., Inc., Publishers	

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,

<u>Year</u>	<u>Uses</u>

1940 Addison Henry C

909 VIRGIE

<u>Year</u>	<u>Uses</u>	
1979	Rhodes J H	
	RHODES FURNITURE	
1975	Rhodes J H	
1963	Rhodes Jas H	
1958	Rhodes Jas H	
1954	Rhodes Jas H	
1949	Rhodes Jas H	
1944	Rhodes Jas H	
1940	Tucker Jos C	

910 VIRGIE

<u>Year</u>	<u>Uses</u>
1979	Cole R S
1975	Cole RS
1963	Cole Robt S
1958	Cole Robt S
1954	Cole Robt S
1949	Cole Robt S
1944	Bass Romark M
1940	Bass Romark M
	Thompson R Zadock

911 VIRGIE

<u>Year</u>	<u>Uses</u>
1979	Cole Robert Gray
1975	Cole Robert Gray
1963	Vacant
1958	Smith Andrew F
1954	Smith Andrew F
1949	Smith Andrew F
1944	Rhodes Lucinda Mrs

<u>Source</u>

Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast General Telephone Company of the Southeast General Telephone Company of the Southeast Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc.,

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast
General Telephone Company of the Southeast
Hill Directory Co., Inc., Publishers
Hill Directory Co., Inc.,

<u>Year</u>	<u>Uses</u>	
1940	Mitchell Lanphyr H	
	Rhodes Lucinda	
914 VIRGIE		
<u>Year</u>	<u>Uses</u>	
1979	Byrd William A	
1975	Byrd William A	
1963	Greenhill Fredk R	
1958	Roberson Lee Thos	
1954	Roberson L Thos	
1949	Roberson L Thos	
1944	Boone Clarence F	
1940	Bowman Thos E	

915 VIRGIE

<u>Year</u>	<u>Uses</u>	
1963	Hamacher Albert L	
1958	Creamer Boyce H	
1954	Creamer Boyce H	
	Marshall Ellis	
1949	Russell Ira E	
1944	Russell Ira E	
1940	Russell Ira E	

VIRGIE ST

900 VIRGIE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	H Brown SE	infoUSA City Directories
2002	Campbell Richard L 31 A	Polk Directories
1997	Campbell Richard L & Barbara	The Polk Co. City Directories
1995	Johnson Deirdre	R. L. Polk Co.
	Campel Richard L & Barbara C 2 L	R. L. Polk Co.
1990	Cambell Richd	R. L. Polk Co.
1969	HONEYCUTT CHARLIE E	HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers

<u>Source</u>

General Telephone Company of the Southeast General Telephone Company of the Southeast Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Publishers Hill Directory Co., Inc., Hill Directory Co., Inc.,

<u>Source</u>

Hill Directory Co., Inc., Publishers	\$
Hill Directory Co., Inc., Publishers	\$
Hill Directory Co., Inc., Publishers	\$
Hill Directory Co., Inc., Publishers	\$
Hill Directory Co., Inc., Publishers	\$
Hill Directory Co., Inc.,	
Hill Directory Co., Inc., Publishers	3

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901 VIRGIE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	H Kline John A	infoUSA City Directories
2002	Kline John A E	Polk Directories
1997	Kline John A	The Polk Co. City Directories
1995	Vacant	R. L. Polk Co.
1990	Kline John A	R. L. Polk Co.
1983	Pierce Wm S	R. L. Polk Co.
	b Beeson Todd W	R. L. Polk Co.
1969	WYLIE RICHD H	HILL DIRECTORY COMPANY PUBLISHERS

904 VIRGIE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	h Mccabe Shannon	infoUSA City Directories
2002	Brown Sharon	Polk Directories
1995	Not Verified	R. L. Polk Co.
1990	Carden L B Mrs	R. L. Polk Co.
1983	Cardea James L	R. L. Polk Co.
	Carden Ruby Mrs	R. L. Polk Co.
1969	CARDEN LUNDY B	HILL DIRECTORY COMPANY PUBLISHERS

905 VIRGIE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	Mulcahey S	infoUSA City Directories
	Carrao Joseph	infoUSA City Directories
2002	Rader Seth & Denisse	Polk Directories
1997	B Not Verified	The Polk Co. City Directories
	Prough Jennifer	The Polk Co. City Directories
	Alston Rosemary	The Polk Co. City Directories
1995	a James Kenneth A	R. L. Polk Co.
	b 908 Not Verified 2 Haes	R. L. Polk Co.
1990	aBraswell Jasper	R. L. Polk Co.
1983	b Flowers Alan	R. L. Polk Co.
	a Perry Linda B	R. L. Polk Co.
1969	HOLBROOK JOHN	HILL DIRECTORY COMPANY PUBLISHERS

906 VIRGIE ST

<u>Year</u>	<u>Uses</u>
1990	b Vacant
908 VIRGIE ST	
<u>Year</u>	<u>Uses</u>
2009	HAslam A
2002	Not Verified
1997	Bowman Johnnie F
1990	Mitchner M
1983	Sanderson Bertie J
1969	SANDERSON LUKE E

909 VIRGIE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	No Current Listing	infoUSA City Directories
2002	Shipman Dierdre	Polk Directories
	Shipman Edward G	Polk Directories
1997	Rhodes J H	The Polk Co. City Directories
	Rhodes Ruby M	The Polk Co. City Directories
1995	Rhodes Ruby M	R. L. Polk Co.
1990	Rhodes Ruby M Mrs	R. L. Polk Co.
1983	Rhodes Ruby M Mrs	R. L. Polk Co.
1969	RHODES RUBY M MRS	HILL DIRECTORY COMPANY PUBLISHERS

910 VIRGIE ST

<u>Year</u>	<u>Uses</u>
2009	Nowlin Michelle
	Tallmadge John
2002	Mancour Laurin
	Mancour Terry L
1997	Cole Robert S Sr & Elsie
1995	910 911 Not Verified 2 Hses
1990	Cole Robt S
1983	Cole Robt S carp
1969	COLE ROBT S

<u>Source</u>

R. L. Polk Co.

<u>Source</u>

infoUSA City Directories **Polk Directories** The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

infoUSA City Directories infoUSA City Directories **Polk Directories Polk Directories** The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

911 VIRGIE ST

<u>Year</u>	<u>Uses</u>
2009	K Cdole Billie G
2002	Cole Billie G E
1997	Cole William G
	Cole Robert G Sr
1995	910 911 Not Verified 2 Hses
1990	Cole Robt G
1983	Cole Robt G
1969	COLE ROBT G

914 VIRGIE ST

<u>Year</u>	<u>Uses</u>
2009	Miller Sydney P
2002	Miller Sydney P A
1997	Byrd William A
	Byrd Annie M
1995	Byrd Annie M
1990	Byrd Annie M Mrs
1983	Byrd Wm A
1969	BYRD WM A

915 VIRGIE ST

<u>Year</u>	<u>Uses</u>
2009	No Current Listing
2002	Not Verified
1997	Not Verified
1995	Not Verified
1990	Vacant
1983	Poole Louise G Mrs
1969	MOORE DALLAS A

<u>Source</u>

infoUSA City Directories Polk Directories The Polk Co. City Directories The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

infoUSA City Directories Polk Directories The Polk Co. City Directories The Polk Co. City Directories R. L. Polk Co. R. L. Polk Co. R. L. Polk Co. HILL DIRECTORY COMPANY PUBLISHERS

<u>Source</u>

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source 2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949,									
2109 Hillsborough Road	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920									

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
2000 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1944, 1940, 1935, 1930, 1925, 1920
2000 HILLSBOROUGH RD	2009, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2001 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1930, 1925, 1920
2002 HILLSBOROUGH RD	2009, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2100 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1920
2102 GREEN ST	1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2105 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2115 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2142 GREEN ST	2009, 2002, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2211 HILLSBOROUGH RD	2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
2216 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1920
2300 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1920
2300 HILLSBOROUGH RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
728 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1920
728 9TH ST	2009, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
729 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1944, 1920
730 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1920
730 9TH ST	2009, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
731 9TH ST	1995, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920

Address Researched	Address Not Identified in Research Source
732 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1920
732 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
734 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1920
734 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
735 9TH ST	1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
736 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1944, 1920
736 9TH ST	2009, 2002, 1997, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
737 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
737 9TH ST	1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
738 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1935, 1920
738 9TH ST	1997, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
739 9TH ST	2009, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
740 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1969, 1958, 1944, 1920
740 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
742 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
742 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
744 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1940, 1920
744 9TH ST	1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
745 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
746 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1940, 1920
746 9TH ST	2002, 1990, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
748 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1920
748 9TH ST	2002, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
750 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
750 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
752 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1920
752 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
753 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
754 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1944, 1920

Address Researched	Address Not Identified in Research Source
754 9TH ST	2002, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
756 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1949, 1944, 1925, 1920
756 9TH ST	1997, 1990, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
758 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1930, 1925, 1920
758 9TH ST	2009, 2002, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
760 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1944, 1920
760 9TH ST	2009, 2002, 1997, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
761 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
762 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
762 9TH ST	1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
764 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1925, 1920
764 9TH ST	1997, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
772 HILLSBORO RD	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1930, 1925, 1920
800 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1949, 1944, 1940, 1935, 1930, 1925, 1920
800 9TH ST	2009, 2002, 1997, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
801 9TH ST	2009, 2002, 1997, 1995, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
802 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1949, 1944, 1940, 1935, 1930, 1925, 1920
802 9TH ST	1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
803 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1940, 1935, 1930, 1925, 1920
803 9TH ST	2009, 2002, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
804 9TH ST	2009, 2002, 1997, 1995, 1990, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
805 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1969, 1958, 1944, 1940, 1935, 1930, 1925, 1920
805 9TH ST	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
806 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
806 9TH ST	2002, 1997, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
807 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1940, 1935, 1930, 1925, 1920

Address Researched	Address Not Identified in Research Source
807 9TH ST	2009, 2002, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
808 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
809 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
809 9TH ST	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
810 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1958, 1944, 1920
811 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1940, 1935, 1930, 1925, 1920
811 9TH ST	2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
812 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1940, 1935, 1930, 1925, 1920
813 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1944, 1940, 1935, 1930, 1925, 1920
813 9TH ST	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
813 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1935, 1930, 1925, 1920
813 EDITH ST	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
814 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1920
814 9TH ST	2009, 2002, 1997, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
814 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1935, 1930, 1925, 1920
814 EDITH ST	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
815 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1963, 1958, 1944, 1940, 1935, 1930, 1925, 1920
815 9TH ST	2009, 2002, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
816 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1920
816 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
817 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1940, 1935, 1930, 1925, 1920
817 9TH ST	2009, 2002, 1997, 1995, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
819 9TH ST	2009, 2002, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
900 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1944, 1940, 1935, 1930, 1925, 1920
900 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1935, 1930, 1925, 1920
900 VIRGIE ST	1983, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920

Address Researched	Address Not Identified in Research Source
901 EDITH ST	2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
901 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
901 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
904 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1958, 1944, 1930, 1925, 1920
904 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
904 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
904 VIRGIE ST	1997, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
905 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
905 EDITH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
905 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
905 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
906 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
906 9TH ST	2009, 2002, 1997, 1995, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
906 VIRGIE ST	2009, 2002, 1997, 1995, 1983, 1979, 1975, 1969, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
907 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
907 EDITH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
908 9TH	2009, 2002, 1997, 1995, 1990, 1983, 1975, 1969, 1958, 1944, 1920
908 9TH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
908 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
908 VIRGIE ST	1995, 1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
909 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
909 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
910 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
910 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
911 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
911 EDITH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
911 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
911 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
913 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
913 EDITH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
914 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920

Address Researched	Address Not Identified in Research Source
914 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
915 VIRGIE	2009, 2002, 1997, 1995, 1990, 1983, 1979, 1975, 1969, 1935, 1930, 1925, 1920
915 VIRGIE ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920
917 EDITH	2009, 2002, 1997, 1995, 1990, 1983, 1969, 1935, 1930, 1925, 1920
917 EDITH ST	1979, 1975, 1963, 1958, 1954, 1949, 1944, 1940, 1935, 1930, 1925, 1920

APPENDIX III SUPPORTING DOCUMENTATION

REVISED BROWNFIELDS ASSESSMENT AND RECEPTOR SURVEY DATED JULY 18, 1022

REVISED BROWNFIELDS ASSESSMENT AND RECEPTOR SURVEY

 5.5 Acre Erwin Square / Former Burlington Industries Site 2109 Hillsborough Road Durham, North Carolina 27605 S&ME Project No. 1054-10-288A

Prepared for: Crescent Erwin Venture I, LLC c/o Crescent Resources 227 West Trade Street Suite 1000 Charlotte, NC 28202

Prepared by:



S&ME, Inc. 3201 Spring Forest Road, Raleigh, North Carolina 27616

July 18, 2011

July 18, 2011

Crescent Erwin Venture I, LLC c/o Crescent Resources 227 West Trade Street Suite 1000 Charlotte, NC 28202

Attention:	Mr. Benjamin Collins	email: <u>blcollins@crescent-resources.com</u>
	Regional Director, Southeast	

Reference: Revised Brownfields Assessment and Receptor Survey 5.5-Acre Erwin Square/Former Burlington Industries Site 2109 Hillsborough Road Durham, North Carolina S&ME Project No. 1054-10-288A

Dear Mr. Collins:

S&ME, Inc. (S&ME) is submitting this revised report of our Brownfields Assessment for an approximate 5.5-acre central portion of a 14.272-acre parent property located at 2109 Hillsborough Road in Durham, North Carolina. This report is being issued to address comments received from the Brownfields Section, and it replaces and supersedes our *Brownfields Assessment and Receptor Survey* report dated May 17, 2011. These sampling services have been performed in general accordance with our Change Order - 01 (S&ME Proposal No. P186A-10V, dated March 24, 2011) for limited soil and surface water sampling, which included the Scope of Services for this sampling, and our Change Order - 02 (S&ME Proposal No. P186B-10V, dated April 11, 2011) for additional soil sampling services and a receptor survey. The Brownfields Area Reconnaissance and Receptor Survey Guidance Form is attached as **Appendix V** to this report.

PROJECT BACKGROUND

S&ME previously completed a Phase I Environmental Site Assessment (Phase I ESA), dated October 7, 2010 (S&ME Project No. 1054-10-288), for the above-referenced property located in Durham, North Carolina. In summary, the Phase I ESA identified three *recognized environmental conditions* in connection with the subject property:

1. The subject property was formerly a central portion of the Burlington Industries, Inc. Durham Plant No. 0183 facility, and was developed with several past industrial textile mill buildings and portions of buildings over time. There is the potential for soil and groundwater contamination from the historical industrial uses of the site. Based on the identified features and historical uses of the site, potential contaminants include petroleum constituents, chlorinated solvents, metals and poly-chlorinated biphenyls (PCBs).

- 2. The larger property from which the subject property has been subdivided, Burlington Industries Durham Plant (Facility ID No. 0-016153), is listed as a registered UST facility. Based on the UST information provided in the EDR report, three registered USTs have been permanently closed at the site. Due to conflicting closure dates and sizes of these USTs, it is unclear whether they correspond to those identified in the LUST/IMD incidents.
- 3. An incident at the former Burlington Industries (LUST/IMD Incident No. 20604) was identified associated with the First Union Plaza site (now Wachovia), located adjacent to the southwest of the subject property. A chlorinated compound groundwater contaminant plume extends from the Wachovia property onto the central and western portions of the subject property. This incident was transferred to the NCDENR Inactive Hazardous Sites Branch (IHSB) in 2007 and has not been closed out.

A Semi-Annual Groundwater Monitoring Report for LUST/IMD Incident No. 20604, prepared by Mid-Atlantic Associates, Inc., and dated February 16, 2005, indicated that a *Corrective Action Plan* (CAP) was submitted to, and approved by, the NCDENR Groundwater Section in 2000. The CAP recommended natural attenuation as the preferred alternative for groundwater remediation. Seventeen monitor wells (15 wells representing the surficial aquifer and 2 deeper wells) were sampled on January 26, 2005, including three monitor wells located on the subject property (MW-11, MW-13 and MW-14). Groundwater isoconcentration maps showing the delineation of the 1,1dichloroethene (1,1-DCE) and chloroform plumes from the 2005 sampling event relative to the subject property are presented as **Figure 3** and **Figure 4**, respectively. **Figure 5** provides a groundwater surface contour map based on the 2005 sampling event. Groundwater flow direction on the subject property in 2005 was found to be generally to the west-northwest, then trending northward in the area west of the subject property.

No sampling data subsequent to the February 2005 *Semi-Annual Groundwater Monitoring Report* were identified in the IHSB file for this incident. The responsible party for the incident, Burlington Industries, filed for bankruptcy in 2001. Mr. Rodney Allison, who is a representative of the current property owner, Erwin Square Limited Partnership, indicated on July 14, 2011 that the wells associated with this incident have been recently sampled by others, and that a report summarizing the sample data is being prepared and will be submitted to NCDENR in the near future.

Another LUST/IMD Incident was identified for the former Burlington Industries facility (Incident No. 3331) that has been closed-out by NCDENR and was not specifically considered a *recognized environmental condition* in our Phase I ESA report. Soil contamination was identified during the removal of two USTs in 1987; one approximately 1,000-gallon UST formerly used for gasoline storage and one approximately 400-gallon UST used for varsol storage. Based on the public record, the

USTs were located along the former railroad spur on the southwest portion of the subject property. Contaminated soil was identified and excavated from the UST pit. Confirmatory soil samples from the base of the excavation were submitted for analysis and were not found to contain targeted analytes. No groundwater sampling was reported for this incident. A North Carolina Division of Environmental Management, Groundwater Section Memorandum, dated August 15, 1988, stated that it appeared that the contaminated soils had been removed, and the incident was considered to be closed.

The Burlington Industries structures formerly located on the subject property have been demolished, and the site is currently a maintained lawn area with some remnant foundation slab areas. Please see the full Phase I ESA report for additional details regarding the past uses of the subject property and the identified *recognized environmental conditions*.

Crescent Erwin Venture I, LLC, the Prospective Developer and Brownfields applicant, is planning to redevelop the subject property with a multi-story residential development and a parking deck, and is pursuing a Brownfields Agreement for the proposed development. The Prospective Developer has indicated that, based on the presence of a known groundwater contaminant plume, the proposed structures will be constructed with a means of preventing vapor migration, such as a vapor barrier. Based on groundwater elevation data provided in the previous LUST/IMD incident files, the depth to groundwater ranges from approximately 6.5 feet below the ground surface (bgs) to 11.5 feet bgs. Significant excavation into the groundwater usage is planned. For these reasons, additional assessment of groundwater was not performed.

S&ME developed the sampling program for this assessment based our review of the three *recognized environmental conditions* identified in the Phase I ESA listed above, and the proposed development plans provided by Crescent Erwin Venture I, LLC. S&ME selected sampling locations based on our review of the historical aerial photographs and insurance maps presented in the Phase I ESA report to identify specific areas where hazardous materials or petroleum products were likely used or stored. The assessment focused on shallow soil contamination based on the proposed development plans, which will re-develop the majority of the site and involve minor cutting and filling of portions of the site for the construction of the proposed multi-story residential development, a parking deck, and access driveways.

METHODS

<u>Health & Safety Planning and Field Services Preparation</u> S&ME performed the following services prior to mobilizing to the site:

- Prepared a site-specific and task-specific Health and Safety Plan (HASP).
- Notified the NC OneCall service on March 29, 2011 to locate public utilities on the periphery of the site.
- Engaged a private utility marking subcontractor on March 28, 2011 to locate utilities within at least 100 feet of the proposed boring locations.
- The tasks and deliverables required prior to commencing field services included:
 - Pre-loading a GPS unit with the proposed sampling location names and coordinates to match identified areas of concern (9 boring locations)
 - Coordinated with driller to ensure that soil boring supplies and decontamination materials are prepared
 - Calibrated and prepared sampling equipment and meters
 - Acquired sampling supplies and PPE

Field Services

S&ME followed the sampling and laboratory analysis plans listed in the tables below for collecting and submitting the shallow soil and seep water samples.

AOC	Matrix	Depth (ft-bgs)	Area of Concern	Purpose			
1	SS		Coal storage/cooling tower/transformer				
2	SS		Engine house				
3	SS		Drum storage area with apparent staining				
4	SS	1 to 3	Drum storage area with apparent staining	Evaluate shallow			
5	SS	and	Machine shop	soil quality			
6	SS	3 to 5	Railroad siding				
7	SS		A/C and electrical shop				
8	SS		Electrical shop				
9	SS		Garage				
10	SW	N/A	Northern portion of swale	Water quality of			
11	SW	N/A	Southern portion of swale	existing seep			
	· · · · · · · · · · · · · · · · · · ·	SS = Soil	Sample SW = Surface Water Sample				

Shallow Soil & Seep Water Sampling Plan

Parameter	Analytical Method	Number of Samples		
Soil Samples				
Volatile Organic Compounds + 10 TICs	EPA Method 8260B	18		
Semi-Volatile Organic Compounds + 10 TICs	EPA Method 8270C	18		
8 RCRA Metals	EPA Method 6010/7470	18		
PCBs	EPA Method 8082	4		
Seep Water Samples				
Volatile Organic Compounds + 10 TICs	EPA Method 6200B	2		
Semi-Volatile Organic Compounds + 10 TICs	EPA Method 625	2		
8 RCRA Metals	EPA Method 6010/7470	2		
PCBs	EPA Method 8082	1		

Soil & Seep Water Sample Analysis Summary Table

Installation of Soil Borings & Soil Sample Collection

S&ME used our Geoprobe to install nine soil borings on March 31, 2011, designated as SB-1 to SB-9. Refer to **Figure 2, Sample Location Map** for the boring locations as an overlay of an aerial photograph dated March 3, 1977, which shows the structures present at that time. Soil samples were collected and logged from the ground surface to a depth of approximately five feet below the ground surface. Continuous soil samples were collected in five-foot long disposable acetate-plastic sleeves that line the hollow stainless-steel sample probes that are advanced by the Geoprobe. Soil samples were logged and classified to identify soil type.

Soil recovered in the Geoprobe sleeves was classified on-site by S&ME personnel and screened with a Toxic Vapor Analyzer (TVA) at approximately two foot intervals (from 1 to 3 feet bgs and 3 to 5 feet bgs) to measure relative headspace concentrations of VOCs. VOC headspace readings were obtained from an aliquot of each soil sample that is placed in a re-sealable bag. Another portion of the sample was placed in a laboratory-supplied container and stored in an insulated container with ice for laboratory analyses. After waiting approximately 15 minutes to allow the sample to reach ambient temperature and headspace equilibrium, the TVA probe was inserted into the bag to obtain a headspace reading. As suggested on March 30, 2011 by Dr. Joe Ghiold, Project Manager with the NC Brownfields Section, both soil samples from each of the nine borings were submitted for laboratory analysis. The samples were submitted under standard Chain-of-Custody procedures to a North Carolina certified laboratory for analyses.

The 18 soil samples were submitted to Environmental Science Corporation (ESC) laboratories to provide analysis for: VOCs, SVOCs, and the 8 RCRA metals. The top ten peaks (if detected) of Tentatively Identified Compounds (TICs) were also included in the VOC and SVOC analyses. Four of the samples were also submitted to be analyzed for polychlorinated bi-phenyls (PCBs).

Seep Water Sampling & Analysis

The seep sample locations (designated as SW-01 and SW-02) are shown on the attached **Figure 2, Sample Location Map.** Seep water samples were collected on April 1, 2011 by submersing a new unpreserved sample container into the seep water and then transferring the water directly into the laboratory supplied sample jars using a peristaltic pump with new tubing. Due to rain on the previous day, the shallow ponded water was purged with the peristaltic pump and allowed to refill prior to sampling to minimize the collection of surface runoff.

The surface water seep samples were submitted under standard Chain-of-Custody procedures to a North Carolina certified laboratory for analyses. The samples were submitted to ESC to provide analysis for: VOCs, SVOCs, and the 8 RCRA metals. The top ten peaks (if detected) of Tentatively Identified Compounds (TICs) were also included in the VOC and SVOC analyses. A seep water sample from the northern, downgradient sample location was also submitted to be analyzed for PCBs.

Investigative derived wastes (IDW), such as soil cuttings generated during the soil boring advancement, decontamination water, and purge water was disposed in accordance with the procedures in NCDENR guidelines by placing the soil or water on the ground surface. Used gloves and other sampling disposables were bagged and were disposed off-site.

SOIL SAMPLING RESULTS

The attached boring logs for boring SB-1 through SB-9 present the general soil descriptions at each boring location to a depth of five feet below ground surface. The shallow soils consisted of primarily fill material and most had pieces of debris scattered in the fill, including brick, wood and coal. The results of the TVA field screening of the soil samples are also provided on the boring logs. None of the TVA readings for the soil samples exceeded ambient background levels.

Two soil samples were collected from each boring, and the soil samples were designated by boring number followed by the depth interval. For example, SB-1-3-5 represents the sample collected from Soil Boring 1 at a depth interval from three feet to five feet below the ground surface (bgs). A summary of the parameters that were detected during the soil sample analysis and a comparison to the North Carolina Department of the Environment and Natural Resources (NCDENR's) standards are summarized in **Table 1**, **Soil Analytical Results Summary**. A copy of the laboratory report for samples SB-1 through SB-9 is included as an attachment. Qualifiers for analytical results are listed in the laboratory report.

The laboratory analytical results of the soil samples indicated that the metal cadmium was detected in sample SB-1-1-3 at a concentration of 3.4 milligrams per kilogram (mg/Kg). This concentration slightly exceeds the NCDENR Inactive Hazardous Sites Branch Soil

Remediation Goal (SRG) for the Protection of Groundwater of 3.0 mg/Kg established for cadmium. There is not a NCDENR Soil-to-Groundwater Maximum Contaminant Concentration (MSCC) established for cadmium. The RCRA metals barium, chromium and lead were detected in all of the soil samples at concentrations exceeding the laboratory reporting limits, but below their respective MSCCs and/or SRGs. The RCRA metals mercury, arsenic, and cadmium were also detected at concentrations above the laboratory's reporting limits, but below their respective MSCCs and/or SRGs, in at least one of the soil samples collected from borings SB-1, SB-2, SB-4, SB-5, SB-6, SB-7, SB-8, and SB-9.

The VOCs benzene and 1,2,4-trimethylbenzene were detected in the soil samples collected from SB-6 at concentrations exceeding the laboratory reporting limits, but below their respective MSCCs and/or SRG. SB-6 was located proximal to the former location of a railroad spur and two underground storage tanks; one was used to store gasoline and the other was used to store varsol. No other VOCs were detected at concentrations above the laboratory's reporting limits in the soil samples submitted.

The PCB cogener Aroclor 1254 was detected at a concentration above the laboratory's reporting limits in soil sample SB-1-3-5, but below the SRGs for total PCBs. SB-1 was located proximal to a former transformer, a cooling tower and coal storage area. SVOCs were detected at concentrations above the laboratory's reporting limits in at least one of the soil samples collected from borings SB-1, SB-2, SB-4, SB-6, SB-7, and SB-9. SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3.

ESC performed a database library search of the mass spectral data to identify VOC and SVOC TICs in the soil samples. Several SVOC TICs, and the VOC hexanal, were also reported at concentrations by the laboratory in the several of the soil samples. However, the reported TIC concentrations were all qualified (J-flag) as being reported at estimated concentrations that are above the laboratory detection limit, but below the analytical method's Practical Quantitation Limit (PQL). Please see the attached laboratory data reports for specific TICs detected.

SEEP SAMPLING RESULTS

A summary of the parameters that were detected during the seep water sample analysis and a comparison to the NCDENR standards are summarized in **Table 2, Seep Water Analytical Results Summary**. Laboratory analytical results of the two seep water samples indicated that barium was detected in both samples at a concentration exceeding the laboratory's reporting limits, but below the Title 15A NCAC 02L .0201 (2L Ground Water Quality Standard) of 700 micrograms per liter (μ g/L). Barium was detected at a concentration of 58 μ g/L in sample SW-01, and at 53 μ g/L in sample SW-02. There is not a standard listed for barium in the Title 15A NCAC 2B - Class C Surface Water Quality Standards (2B Surface Water Quality Standard). No other RCRA metals, or target analyte VOCs, SVOCs or PCBs were detected at concentrations above the laboratory's reporting limits in the two seep water samples submitted.

ESC also performed a database library search to identify VOC and SVOC TICs in the seep water samples. Several SVOC TICs were reported at estimated concentrations by the laboratory in the both of the seep water samples. However, the reported TIC concentrations were all qualified (J-flag) as being detected at concentrations below the analytical method's Practical Quantitation Limit (PQL). Please see the attached laboratory data reports for specific TICs detected.

CONCLUSIONS AND RECOMMENDATIONS

S&ME has completed the limited soil and seep water sampling program in general conformance with the sampling plan to evaluate potential impacts to shallow soil and seep water discharge on the property that may be associated with the historical uses of the subject property identified in the Phase I ESA. Samples were collected for laboratory analysis from nine soil borings and two seep water locations.

A documented chlorinated-compound groundwater contaminant plume extends from the adjacent Wachovia property onto the central and western portions of the subject property (LUST/IMD Incident No. 20604). This LUST/IMD incident was transferred to the NCDENR Inactive Hazardous Sites Branch in 2007 and has not been closed out, but the remaining groundwater contamination was reportedly approved for remediation through natural attenuation in 2000. The Prospective Developer is planning to redevelop the subject property with a multi-story residential development and a parking deck, and has indicated that, based on the presence of the known groundwater contaminant plume, the proposed structures will be constructed with a means of preventing vapor migration, such as a vapor barrier. The reported depth to groundwater ranges from approximately 6.5 feet to 11.5 feet bgs. The Prospective Developer indicated that significant excavation into the groundwater table is not anticipated for the proposed development at this time, and no groundwater usage is planned. Therefore, additional assessment of groundwater does not appear to be necessary, contingent upon providing a means of preventing contaminant vapor migration into the proposed structures.

Laboratory analytical results indicated cadmium was present at a concentration slightly exceeding the IHSB SRG (3.0 mg/Kg) in soil sample SB-4-1-3 (3.4 mg/Kg). Several other RCRA metals were present in the analyzed soil samples at concentrations exceeding their respective laboratory reporting limits, but below their respective regulatory standards. It is S&ME's opinion that the concentration of cadmium detected in soil sample SB-4-1-3 is likely due to naturally-occurring metals present in the soil. Cadmium is primarily used in nickel-cadmium batteries, and is also used in electroplating, solder and as a paint pigment. There were no specific historical sources of cadmium identified in the past use of the subject property, although it could have potentially been used as a pigment in the dye house formerly located nearby. At the level detected, the cadmium

appears to be associated with mineralization of the natural Triassic soils present at the site, rather than from a chemical release.

SVOCs were detected at concentrations above at least one of the SRGs or MSCCs in soil samples SB-1-3-5, SB-2-1-3, SB-4-1-3, SB-6-1-3, SB-6-3-5, SB-7-1-3, and SB-9-1-3. The detected SVOCs are polycyclic aromatic hydrocarbons (PAHs), which are typical constituents of coal or crude oil. Coal-fired boilers and coal storage areas were formerly present on the northwest and southeast portions of the subject property, and railroad spurs used for coal delivery were also present. The majority of the shallow soil sampled consisted of fill material, and debris including coal fragments was observed in most of the soil borings. Based on the SVOC concentrations reported for the soil samples, the lack of any other petroleum constituents or VOCs reported for those samples and the lack of any SVOCs in the seep water samples, the reported detections of SVOCs appear to be related to remnant pieces of coal or coal dust present in the samples. The majority of the site will be covered by the proposed structures. Based on the proposed use of the subject property for residential purposes, S&ME recommends shallow soil removal from at-grade or excavation areas that are not to be covered by structures or impervious surfaces, such as driveways or sidewalks, to eliminate the direct soil exposure pathway to future residential occupants. Areas of the site that are to be filled-in to meet finished grade could be covered by clean fill material. Any soils to be removed from the property should be tested and properly disposed of in accordance with federal and state regulations.

Barium was detected in both of the seep water samples at a concentration exceeding the laboratory reporting limit, but at a concentration below the 2L and 2B Standards. No other RCRA metals, or VOCs, SVOCs or PCBs were detected by the laboratory in the two seep water samples.

Based on the results of this limited soil and seep water sampling and analysis program, it is S&ME's opinion that no additional sampling appears to be necessary at this time for assessment purposes. However, this site has been used for industrial purposes for several decades. There is the potential that contaminants exist at the site that were not identified during this limited assessment. If any suspect conditions are encountered during excavation at the site, such as unusual odors, stained soil or buried containers, please contact us to evaluate these areas. Any soils or groundwater to be removed from the property should be tested and properly disposed of in accordance with federal and state regulations.

CLOSING

Crescent Erwin Venture I, LLC, intends to submit this report to the NCDENR Brownfields Program for review. This limited soil and groundwater sampling program has been performed in accordance with our scope of work as described in our Change Order - 01 to S&ME Project No. 1054-10-288 (S&ME Proposal No. P186A-10V, dated March 24, 2011), and our Change Order - 02 (S&ME Proposal No. P186B-10V, dated April 11, 2011). The sampling program was developed to evaluate potential impacts to the subject site from the identified recognized environmental conditions, as described in our Phase I ESA for the subject property. The results are not intended to address other potential sources of contamination or other portions of the parent property. Use of this report limited to the above-referenced site and client. No other use is authorized by S&ME, Inc.

S&ME welcomes the opportunity to assist you with your environmental needs. Should you have any questions regarding this assessment, please call us at (919) 872-2660.

Sincerely,

S&ME, Inc.

This Hamblet

Chris Hamblet, CHMM Environmental Scientist

cc: Mr. David Franchina, Attorney, K&L Gates

Tom Raymond, P.E. Senior Consultant



Appendix:

Appendix I -	Tables
	1 – Summary of Soil Analytical Results
	2 – Summary of Seep Water Analytical Results
Appendix II -	Figures
* *	1 – Site Vicinity Map
	2 – Sample Location Map
	3 – 1,1-DCE Isoconcentration Map
	4 – Chloroform Isoconcentration Map
	5 – Groundwater Contour Map
Appendix III -	Soil Boring Logs
Appendix IV -	Laboratory Data Reports and Chain-of-Custody Forms
Annendix V -	Brownfields Area Reconnaissance and Recentor Survey Guid

APPENDIX I – TABLES

										Proposed 210	5.5-Acre 9 Hillsbor rham, Nor	Erwin Squ Cough Roa Th Carolin	uare Site Id Ia											
1947 3	Param	eter Type ==>	RCRA Metals Volatile Organic Compounds Semi-Volatile Organic Compounds											Terret	PCBs									
EPA	Analytic	I Method ==>	7471		8.00	6010B		7.	826	and address of the local division of the loc							8270D	and the	100 10	8 I U.N.		5-1-0	Carlos Ser	8082
Sample ID	P	arameter ==> Collection Date	Mercury	Arsenic	Banium	Cadmium	Chromium	Lead	Benzene	1,2,4-Trimethylbenzene								Pyrene	PCB 1254					
SB-1-1-3	1-3		< 0.0015	< 0.33	180	<0.040	11	12	<0,00042	<0.00033	<0.0074	<0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	<0.0068	<0.011	<0.0073	<0.0072	<0.0085	< 0.011	<0.0047
SB-1-3-5	3-5		<0.0015	2,8	100	< 0.040	8	13	<0.00042	< 0.00033	< 0.0074	0.1	0.11	<0.0089	0.056		0.086	< 0.0068	0.22	0.056	<0.0072	0.13	0.16	0.032
SB-2-1-3	1-3		< 0.0015	< 0.33	120	< 0.040	12	16	< 0.00042	< 0.00033	0.049	0.22	0.28	0.11	0.13	0.2	0.23	0,043	0.42	0,13	< 0.0072	0.24	0.32	NA
SB-2-3-5	3-5		< 0.0015	1.5	46	< 0.040	10	16	<0.00042	< 0.00033	<0.0074	<0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	<0.0068	0.048	<0.0073	<0.0072	<0.0085	<0.011	NA
SB-3-1-3	1-3		<0.0015	< 0.33	8.6	< 0.040	7.9	5.1	<0.00042	< 0.00033	<0.0074	< 0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	<0.0068	<0.011	<0.0073	<0.0072	<0.0085	<0.011	NA
SB-3-3-5	3-5		<0.0015	< 0.33	11	<0.040	6.2	5.1	<0.00042	<0.00033	<0.0074	<0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	<0.0068	< 0.011		<0.0072	<0.0085	<0.011	NA
SB-4-1-3	1-3		0.14	< 0.33	89	3.4	7.6	160	< 0.00042	< 0.00033	<0.037	0.24	0.31	<0.044	<0.045	0,22	0.23	<0.034	0.45			0.29	0.41	NA
SB-4-3-5	3-5		<0.0015	<0.33	18	<0.040	18	13	<0.00042	<0.00033	<0.0074	< 0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	< 0.0068	< 0.011	< 0.0073	<0.0072	< 0.0085	< 0.011	NA
SB-5-1-3	1-3	3/31/2011	0.032	< 0.33	29	<0.040	12	9.4	<0.00042	< 0.00033	<0.0074	<0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	< 0.0068	< 0.011	< 0.0073	< 0.0072	<0.0085	<0.011	NA
SB-5-3-5	3-5	010112011	<0.0015	< 0.33	34	< 0.040	8.2	16	<0.00042	<0.00033	<0.0074	<0.0093	<0.0098	<0.0089	<0.0090	<0.0085	<0.013	<0.0068	< 0.011		<0.0072	<0.0085	<0.011	NA
SB-6-1-3	1-3		0.062	<0,33	81	0,73	6.6	80	0.002	0.0013	<0.037	0,36	0.51	<0.044	0.32	0.38	0.4	<0.034	0.66		0.68	0.49	0.6	NA
SB-6-3-5	3-5		0.046	<0.33	59	2.2	8	64	0.0014	<0.00033	0.042	0.11	0.18	0.054	0.11	0.13	0.13	0.043	0.17		0.64	0.19	0.14	NA
SB-7-1-3	1-3		0.19	< 0.33	35	<0.040	12	10	<0.00042	< 0.00033	<0.0074	0.072	0.085	<0.0089	0.043	0.064	0.065	<0.0068	0.15		< 0.0072	0.1	0.12	NA
SB-7-3-5	3-5		0.028	< 0.33	46	<0.040	6.7	13		<0.00033		< 0.0093	<0.0098	<0.0089	<0.0090	<0.0085		< 0.0068	< 0.011				< 0.011	NA
SB-8-1-3	1-3		0.065	3.5	82	< 0.040	31	8.6	< 0.00042	<0.00033		<0.0093	<0.0098	<0.0089	<0.0090	<0.0085		< 0.0068	< 0.011			<0.0085	< 0.011	<0.0047
SB-8-3-5	3-5		< 0.0015	1.4	160	< 0.040	40	22	< 0.00042	<0.00033	< 0.0074	< 0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	< 0.0068	< 0.011			<0.0085	<0.011	<0.0047
SB-9-1-3	1-3		< 0.0015	2.8	70	< 0.040	14	15	<0.00042	<0.00033	<0.0074	0.057	0.072	<0.0089	<0.0090	0.053	0.053	<0.0068	0.092		< 0.0072	0.047	0.068	NA NA
SB-9-3-5	3-5	-	<0.0015	1.8	41	<0,040	11	9.1	< 0.00042	< 0.00033	<0.0074	<0.0093	<0.0098	<0.0089	<0.0090	<0.0085	< 0.013	<0.0068	< 0.011	< 0.0073	< 0.0072	<0.0085	<0.011	
								3.6		340	1.0*													
	and the second second	B PSRG2 ==>	NS	5.8	580	3	NS	270	0.0073	6.7 8.5	660 940	0.18	0.6	5.9	360	0.059	18	0.19	330 290		0.21	57	and the second se	NS
NCDENR	MSCCS	oil to GW ==>	NS NS	NS NS	290 3,100	NS NS	NS NS	270	0.0056	8,5 782		0.35	1.2	12	6,400 469	0.096	39 88	0.17	620	0.88	0.16	56 469	469	NS
NOUENR	HOCC In	d / Comm ==>	NS	NS	3,100	NS	NS	400	164	20,440		0.00	0.00	9		0.000	780		16.400	0.00	8,176			NS

Notes:

All soil sample results and standards presented in milligrams per liter (mg/l), equivalent to parts per million (ppm) NCDENR IHSB PSRG1 - NCDENR Inactive Hazardous Sites Branch - Health-Based Preliminary Soil Remediation Goal (exceedance shaded yellow) NCDENR IHSB PSRG2 - NCDENR Inactive Hazardous Sites Branch - Protection of Groundwater Preliminary Soil Remediation Goal (exceedance shaded green NCDENR MSCC Soil to GW - NCDENR Soil-to-Water Maximum Soil Contaminant Concentration (exceedance shaded blue NCDENR MSCC Residential - NCDENR Residential Maximum Soil Contaminant Concentration (exceedance shaded blue NCDENR MSCC Ind / Comm - NCDENR Industrial and commercial Maximum Soil Contaminant Concentration (exceedance shaded blue

NA - Not analyzed for specific parameter NS - No standard listed for specific parameter

VOCs - Volatile Organic Compounds

SVOCs - Semi-Volatile Organic Compounds * - Value for total PCBs

Table 2 Surface Water Analytical Results Summary Proposed 5.5-Acre Erwin Square Site 2109 Hillsborough Road Durham, North Carolina S&ME Project Number 1054-10-288A												
Param	RCRA Metals								VOCs	SVOCs	PCBs	
EPA Analytical Method ==>		6020	7470A	6010B						8260B	8270D	8082
F Sample ID	Parameter ==> Collection Date	Arsenic	Mercury	Barium	Cadmium	Chromium	Lead	Selenium	Silver	vocs	SVOCs	PCBs
SW-01 SW-02	4/1/2011	<0.25 <0.25	<0.024 <0.024	58 53	<0.80 <0.80		<1.8 <1.8		<3.3 <3.3	All BDL All BDL	All BDL All BDL	NA Ali BDL
15A NCAC 2L Standard ==>		10	1	700	2	10	15	20	20	Constitue	nt Specific	NS
15A NCAC 2B Standard ==>		50	0.012	NS	0.4	50	25	5	0.06	Constitue	nt Specific	0.001

Notes:

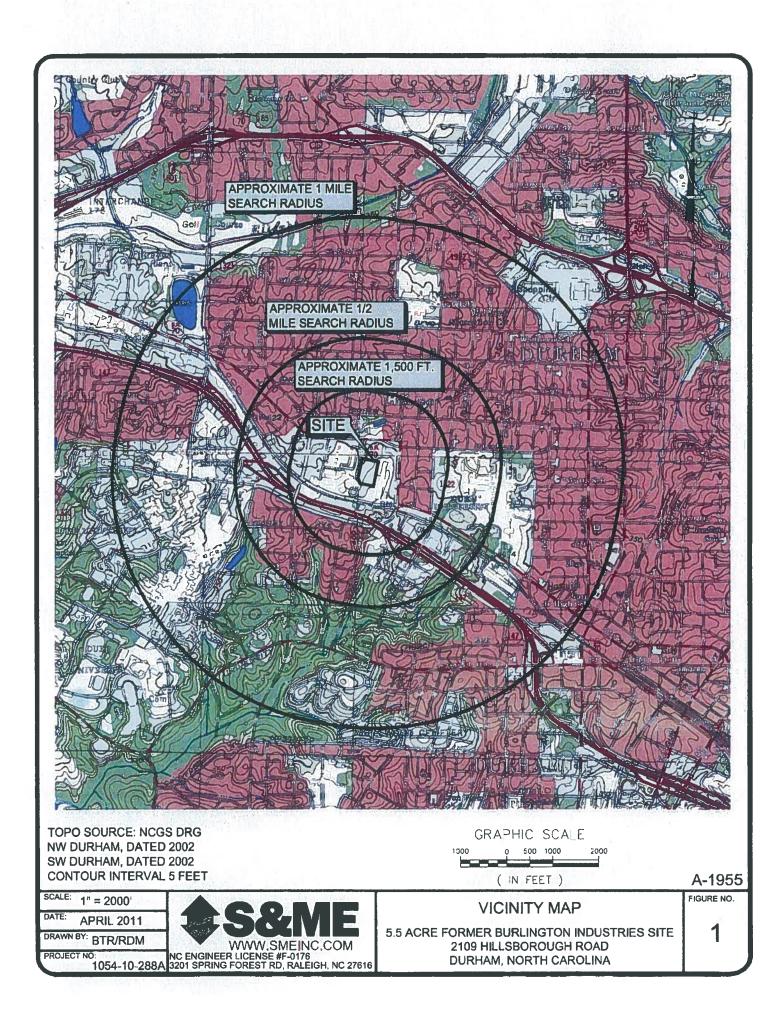
All seep water sample results and standards presented in micrograms per liter (µg/l), equivalent to parts per billion (ppb) 15A NCAC 2L Standard = Title 15A NCAC 2L Groundwater Quality Standards (exceedence shaded yellow) 15A NCAC 2B Standard = Title 15A NCAC 2B Class C Surface Water Quality Standards (exceedence shaded green) NA - Not analyzed for specific parameter

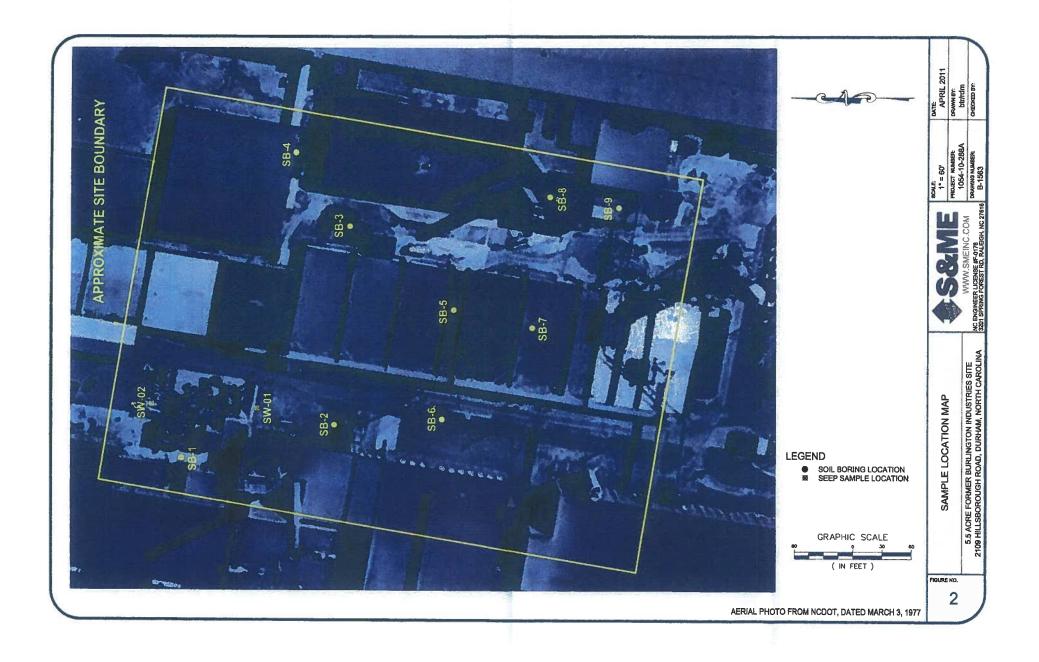
NS - No standard listed for specific parameter

VOCs - Volatile Organic Compounds

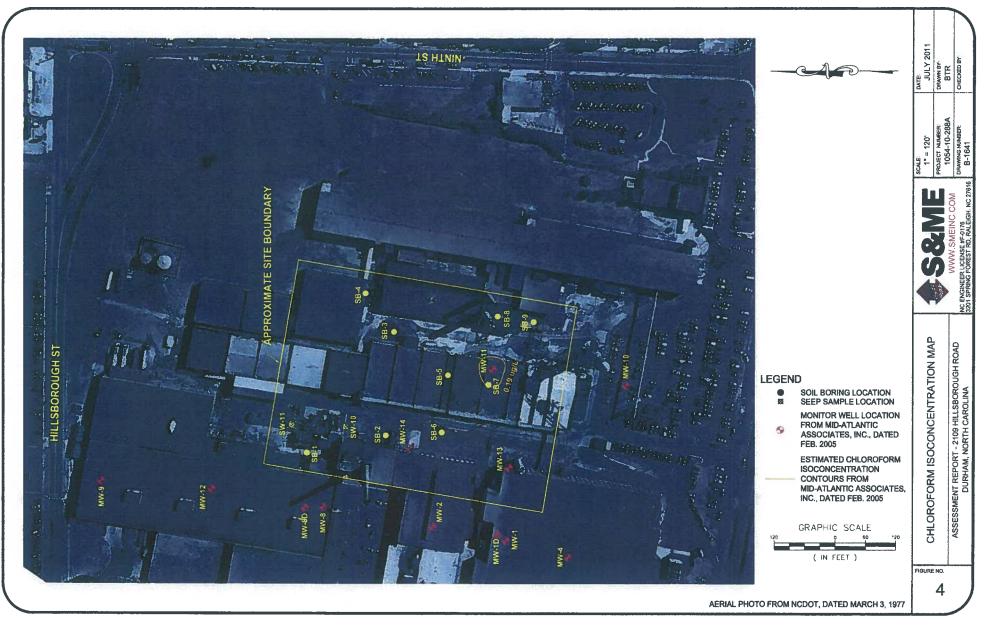
SVOCs - Semi-Volatile Organic Compounds

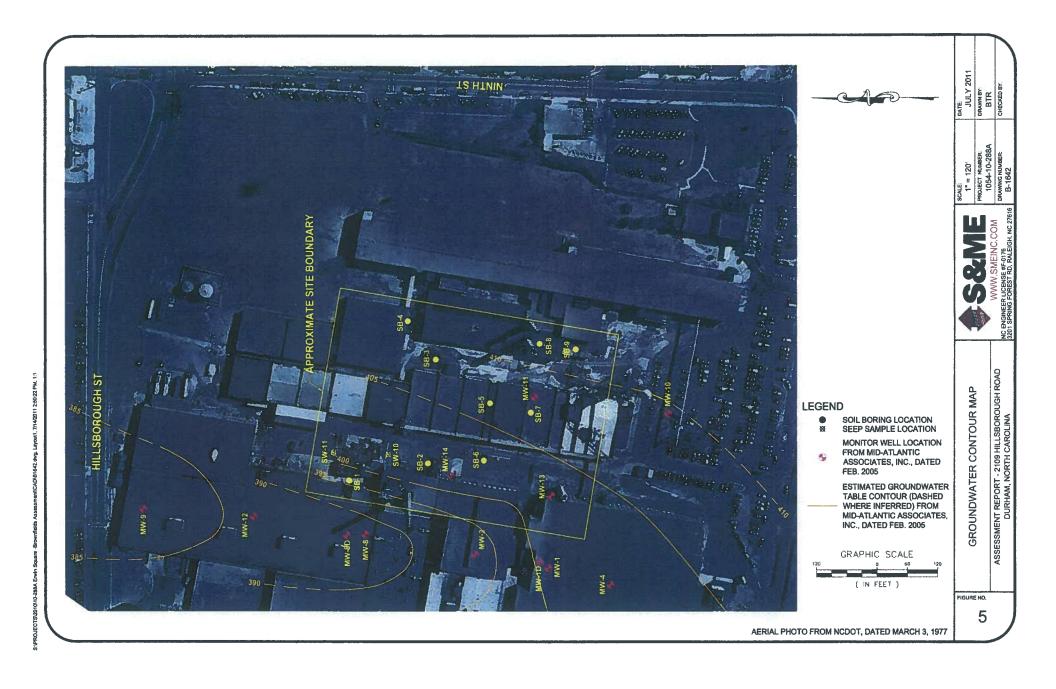
APPENDIX II – FIGURES











DURHAM COUNTY REAL ESTATE INFORMATION AND ZONING MAP

Parcel Report:



Quick Information with 2010 Orthophoto

PIN Number: 0822-18-22-3162

Acreage: 11.57800000

Deed Book: 001393 Plat Book: 000157 Subdivision: N/A - NO SUBDIVISION

Owner Name: ERWIN SQUARE LIMITED

Parcel ID: 104053 Land Use: COM/ PARKING LOTS-SURFACE Deed Page: 000682 Plat Page: 000275 Site Address: 2109 HILLSBOROUGH RD Owner Address: 2020 W MAIN ST STE 300

DURHAM , NC, 27705

City of Durham, NC Tax Parcel Report



TAX ADMINISTRATION PROPERTY REPORT

Property Owner ERWIN SQUARE LIMI PARTNERSHIP		Owner's Mailing Add 2020 W MAIN ST STE 300 DURHAM, NC 27705	lress	Property Location Address 2109 HILLSBOROUGH RD					
Administrative I Parcel Ref No. PIN Account No. Tax District Land Use Code Land Use Desc Subdiv Code	Data 104053 0822-18-22-3162 2198099 CNTY-DRHM/CITY-DURHAM 438 COM/ PARKING LOTS- SURFACE 0000	PRT NRSH Deed Bk/Pg 00139	P-ERWIN SQUARE LTD IP/LT#02 3 / 000682 6 / 000397 Jary 1, 2006 Is Displayed	Valuation Information Assessed Value (Jan 3,779,146 1 2011)\$ This ad valorem appraisal represents assessors' opinion of market value, defined by NCGS 105-283, retrospective to January1, 2008, which is the effective date of the county's most current General Reappraisal.					
Subdiv Desc Neighborhood	N/A - NO SUBDIVISION 064BC	Sold Amount \$ 0							
Land Supplement Map Acres Tax District Note Present-Use Info	o Subject Parcel) 0 0 0 0 0 0 0 0 0 0 0 0 0								
Improvement Valuation (1st Major Improvement on Subject Parcel) Improvement Assessed Value \$ 5,746									
Land Value Detail (Effective Date January 1, 2008, date of County's most recent General Reappraisal) Land Market Value (LMV) \$ Land Present-Use Value (PUV) \$ Land Total Assessed Value \$									
3,7	73,400	3,773,4	100	3,773,400					
** Note: If PUV equal LMV then parcel has not qualified for present use program									

BOOK 1393PAGE 682 const Van 2024 W. Main St n N.O. 27705 Davy Robert H. Stevens, Jr., Esq. P. O. Box 21207 Greensboro, N.C. 27420

STATE OF NORTH CAROLINA COUNTY OF DURHAM

mail to:

DRAWN BY:

STACE OF

OLINA

IG 12*87

28. 16724

Corporation Deed

THIS DEED, made this the 12th day of August, 1987 by BURLINGTON INDUSTRIES, INC., a Delaware corporation with corporate offices at 3330 West Friendly Avenue, Greensboro, North Carolina 27410 ("Grantor") to ERWIN SQUARE LIMITED PARTNERSHIP, a North Carolina corporation, 2020 West Main Street, Durham, North Carolina 27705 ("Grantee").

WITNESSETH:

That the Grantor, for and in consideration of the sum of Ten (\$10.00) Dollars and other good and valuable consideration to it in hand paid by the Grantee, the receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does hereby grant, bargain, sell, convey and confirm unto the Grantee, its successors and assigns, the following tracts or parcels of land with improvements thereon, lying and being in Durham County, North Carolina, more particularly described on Exhibit "A" attached hereto and incorporated by reference herein.

The property described on Exhibit "A" is conveyed subject to ad valorem taxes not due and payable, all covenants, restrictions, licenses, rights-of-way and easements for streets, railroads, roads and utilities heretofore granted by Seller or its predecessors in title, and to zoning ordinances and building restrictions in each case affecting the property sold and conveyed hereunder.

TO HAVE AND TO HOLD the aforesaid parcels of land with improvements, together with all privileges and appurtenances thereunto belonging or in any wise appertaining unto the GRANTEE, its successors and assigns, in fee simple forever.

Managa

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Real Estate =

Excise Tax

18974

STATE OF

NOR

CAROLINA

Real Estate

Excise Tax

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999

P.8. 1672

BOOK 1393 PAGE 683

AND the Grantor covenants that it is seized of said premises in fee and has the right to convey the same in fee simple; that said premises are free from encumbrances (with the exceptions above stated); and that, subject to such exceptions, it will forever warrant and defend the said title to the said premises against the lawful claims of all persons or entities whomsoever.

IN WITNESS WHEREOF, the Grantor has caused this deed to be executed by its duly authorized officers and its seal to be hereunto affixed, the day and year first above written.

BURLINGTON INDUSTRIES, INC.

ice President porate Seal)

STATE OF NORTH CAROLINA) COUNTY OF GUILFORD)

Condission Expires:

I, June Neugent, a Notary Public, do hereby certify that Robert H. Stevens, Jr. personally came before me this day and acknowledged that he is Assistant Secretary of Burlington Industries, Inc., and that by authority duly given and as the act of the Corporation, the foregoing instrument was signed in its name by its Vice President, sealed with its corporate seal, and ested by himself as its Assistant Secretary. Witness my hand Active States and St

Kune Mengent Notary Fublic

S1/D

W. 25. 1989

BOOK 1393 PAGE 684 The foregoing certificate of AUNP is certified to be correct. This instrument and this certificate are duly registered this day of August, 1987 at 11.14 (AM) PM, Book 1393, Page 6% RUTH C. GARRETT REGISTER OF DEEDS FILED BOOX 1393 PAGE 652-686 COUNTY Aug 12 11 14 AH '87 RUTH C GARAETT REGISTER OF PEEPS DURHAM COUNTY. NG **Register** of Deeds Bk. 1393 pg. 684

EXHIBIT A

(17.992 Acres and other property)

PARCEL 1 (17.992 Acres)

BEGINNING at a PK Nail in the northern margin of the Southern Railway Company right-of-way (200 foot right-of-way), said PK Nail being located N. 17-34-44 W. 577.79 feet from the City of Durham Monument No. 264 (N. 820,747.052; E. 2,022,601.713); thence from said point of EEGINNING with said right-of-way margin N. 79-21-50 W. 476.72 feet to an iron in said right-ofway margin; thence leaving said right-of-way and running N. 11-14-49 E. 714.00 feet to an iron; thence N. 78-37-56 W. 434.00 feet to an iron in the eastern margin of the right-of-way) of Bolton Street (13th Street) (40 foot right-of-way); thence with said right-of-way N. 14-07-59 E. 452.66 feet to an iron; thence running with the arc of a curve to the right having a radius of 15 feet (and a chord bearing and distance of N. 52-47-15 E. 18.74 feet) an arc distance of 20.24 feet to an iron in the southern right-of-way margin of Hillsborough Road (56 foot right-ofway); thence with the southern margin of said right-of-way; thence southern right-of-way margin of Said right-of-way; thence with the arc of a curve to the right having a radius of 363.68 feet (and a chord bearing and distance of S. 78-29-19 E. 126.78 feet) an arc distance of 127.43 feet to an iron in said rightof-way; thence leaving said right-of-way and running S. 13-55-16 W. 223.72 feet to an iron; thence N. 76-05-22 W. 17.28 feet to an iron; thence S. 10-30-41 W. 122.30 feet to an iron; thence S. 10-51-09 W. 122.40 feet to an iron; thence S. 40-51-46 E. 52.40 feet to an iron; thence S. 10-30-41 W. 132.30 feet to an iron; thence N. 78-36-07 W. 4.86 feet to an iron; thence S. 10-53-37 W. 89.60 feet to an iron; thence S. 10-58-15 W. 71.34 feet to an iron; thence S. 10-58-15 feet to an iron; thence S. 10-37-50 W. 217.54 feet to the point and place of BEGINNING. Containing 17.992 acres, more or less, as shown on that certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

PARCEL 2 (.755 Acres)

All of Lots 4 and 14 of Block C as shown in Plat Book 15 at Page 52, and more particularly described as follows:

BEGINNING at an iron in the northern margin of the right-of-way of the Southern Railway Company (200 foot right-of-way), said iron being at the southeastern corner of that property conveyed to Charlie Gery by that certain deed recorded with the Durham County Register of Deeds in Deed Book 353, Page 645 (Lot 3 in

BOOK 1393PAGE 686

BEGINNING at an iron at the intersection of the northerly margin of the right-of-way of Hillsborough Road (56 foot right-of-way), and the westerly margin of the right-of-way of Carolina Avenue (50 foot right-of-way); thence from said point of BEGINNING N. 88-33-30 W. 271.59 feet to an iron in the northerly margin of the right-of-way of Hillsborough Road; thence N. 00-22-30 W. 5 feet to an iron; thence with the easterly margin of the rightof-way of Hale Street (variable right-of-way) and the arc of a circular curve to the right having a radius of 4529.00 feet (and a chord bearing and distance of N. 00-18-06 E. 74.74 feet) an arc distance of 74.74 feet to an iron, said iron being at the intersection of the easterly margin of the right-of-way of Hale Street with the southerly margin of the right-of-way of Gin street (10 foot right-of-way); thence with the southerly rightof-way of Gin Street N. 88-47-44 E. 275.62 feet to an iron in the westerly right-of-way S. 02-44-20 W. 92.47 feet to the point and place of BEGINNING, containing 0.541 acres, more or less, and as shown on that certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

PARCEL 5 (7.716 Acres)

PARCEL 4 (0.541 Acres)

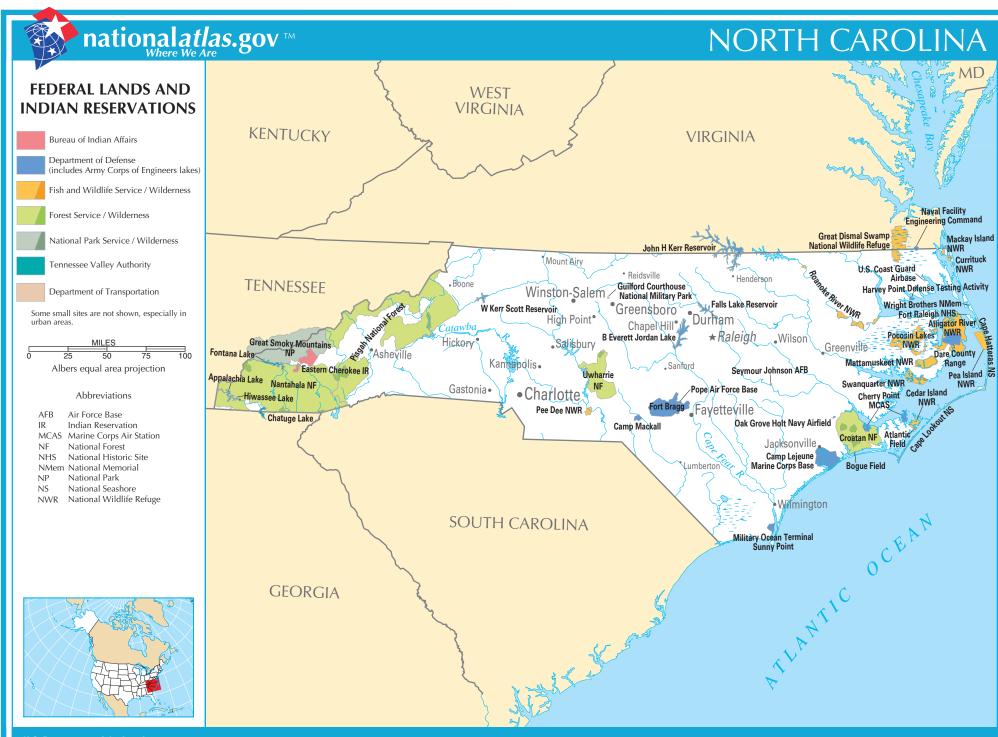
BEGINNING at a concrete monument in the southerly margin of the right-of-way of Green Street (60 foot right-of-way), said point being the northeastern corner of property (Lot 15 as shown in Plat Book 15 at Page 55) conveyed to Frances C. Carlton by deed recorded with the Durham County Register of Deeds in Deed Book 161, Page 118; thence from said point of BEGINNING with the southerly margin of the right-of-way of Green Street S. 87-16-55 E. 812.42 feet to a concrete monument, said monument being at the intersection of the southerly margin of the right-of-way of Green Street with the westerly margin of the right-of-way of a 20 foot alley; thence with the westerly margin of said alley S. 02-59-49 W. 166.50 feet to an iron in said margin; thence leaving the margin of the right-of-way of said alley and running with the north line of property conveyed to Duke Power Company by deed recorded with the Durham County Register of Deeds in Deed Book 405, Page 385 N. 88-31-40 W. 285.00 feet to an iron, said iron being the northwestern corner of the property of Duke Power Company, now of formerly; thence with the western line of the property of Duke Power Company, now or formerly, S. 01-25-30 W. 180.00 feet to an iron, said iron being the southwestern corner of the property of Duke Power Company, now or formerly; thence with the southern line of the property of Duke Power Company, now or formerly, S. 88-33-30 E. 141.00 feet to a point; thence S. 29-27-16 E. 17.92 feet to a point; thence S. 04-24-30 W. 105.0 feet to an iron in the northerly margin of the rightof-way of Hillsborough Road; thence running with the northerly margin of Hillsborough Road N. 88-33-30 W. 798.25 feet to an iron; thence with the arc of a curve to the right having a

radius of 20 feet (and a chord bearing and distance of N. 42-54-35 W. 28.60 feet) an arc distance of 31.87 feet to a point in the easterly right-of-way line of Carolina Avenue (50 foot right-of-way); thence with said easterly right-of-way N. 02-44-20 E. 100.89 feet to an iron, said iron being the southwestern corner of property (Lot 11 in Plat Book 15 at Page 55) conveyed to James E. Coffield by deed recorded with the Durham County Register of Deeds in Deed Book 241, Page 264; thence with the southerly line of Lot 11 S. 87-40-19 E. 140.17 feet to an iron; thence with the easterly line of Lots 11 through 15 N. 02-44-20 E. 365.57 feet to the point and place of BEGINNING, containing 7.716 acres, more or less, all as more fully shown on that certain survey by Larry W. Poole & Associates, P.A. entitled "Property of Erwin Square Limited Partnership" and dated July 15, 1987.

- 3 -

pl&b

FEDERAL LANDS AND INDIAN RESERVATIONS

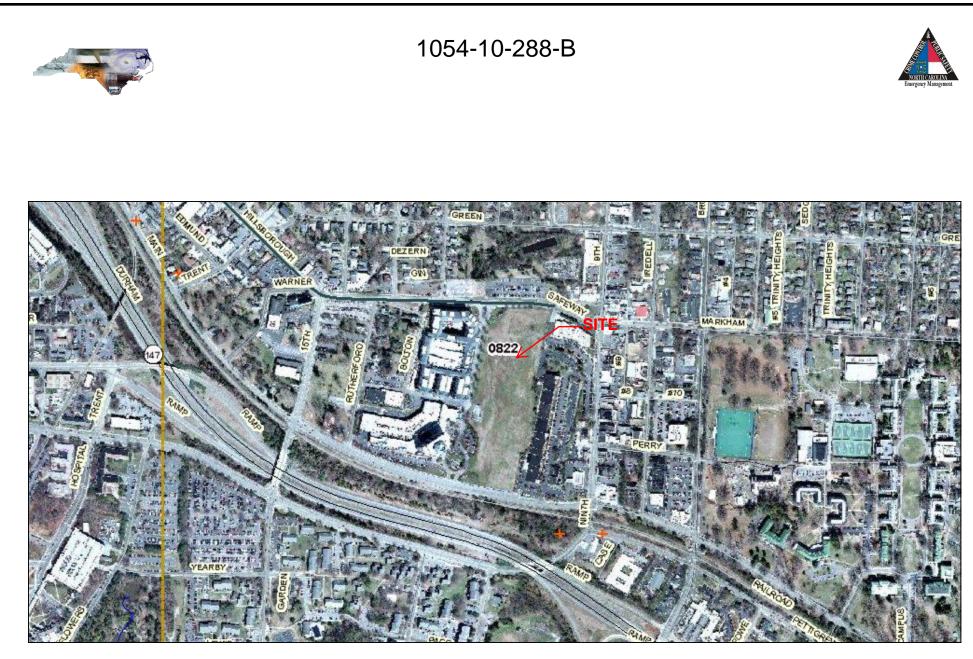


U.S. Department of the Interior U.S. Geological Survey

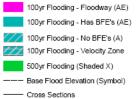
The National Atlas of the United States of America[®]

pagefed_nc6.pdf INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-200

SITE MAP SHOWING FLOODPLAINS NCFLOODMAPS WEBSITE









700 Feet

North Carolina Floodplain Mapping Program

REGULATORY FILE REVIEW

DIVISION OF ENVIRONMENTAL MANAGEMENT

GROUNDWATER SECTION

August 15, 1988

MEMORANDUM

FROM::

TO: Ed. Berry

I.'J6 1 7 1988

RECEIVED

Bill Jeter

RALEIGH REGIONAL OFFICE

SUBJECT: Burlington Industries, Inc.; Incident #3331, Durham County

A review of the reports of investigation (ROI's) submitted by Soil & Material Engineers, Inc. and Law Engineering on behalf of Burlington Industries, Inc. was conducted. Each seems to indicate that the contaminated "soils" have been removed and therefore, the quality of groundwater is no longer threatened. Judging from the correspondence originating from your office, the regional staff concurs with the ROI's.

Based on the ROI's and information supplied by your office, it appears that the primary and secondary sources, the tanks and contaminated "soils", respectively, have been removed and that the threat to groundwater quality no longer exits. Therefore, the incident is considered to be closed.

Should you have any questions concerning this matter, please contact me.

cc: Incident Management File

bg

DIVISION OF ENVIRONMENTAL MANAGEMENT January 4, 1988

MEMORANDUM

Doug Dixon

Ed Berry

TO:

THROUGH:

FROM:

SUBJECT:

Jay Zimmerman 250 Final Report Concerning Burlington

Industries, Inc. in Durham, Durham County, Incident #3331

After reviewing the subject file and enclosed reports, regarding the presence of petroleum compounds below the two (2) underground storage tanks and the subsequent efforts to remove the contaminants, I believe that we can close out this incident.

Test results conducted on soil samples collected by S&ME and analyzed January 12, 1987, report no compounds detected above the 1.0 ppb detection limit.

A second investigation conducted by Law Engineering also indicated that no compounds were detected above the detection limit.

I do not feel that the installation of a monitor well will yield any conclusive results; however, if after reviewing the attached reports you believe a monitor well installation would be justified, please let me know and I will request Burlington Industries, Inc. to install one. If you have any suggestions or questions, please let me know.

SJZ:cs Attachments and collected a water sample after rainwater had collected in the excavation site from January through July. We suspected that they hit a reservoir of water in the old tank excavation area which contained runoff from the adjoining pavement, hence picking up a showing of contamination that would be discernible in a test.

- 6

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To determine if any actual ground water or other contamination existed in the adjacent area, we contacted Law Engineering Company, of Charlotte, North Carolina, and had them drill the site to determine if any plume could be found under the old site. As per their report, a copy attached, no contamination was found. We feel that the situation represented by SM&E in their August 3 report was not representative of the site and did not take into consideration the nature of the paving and the flow of water into a previously excavated hole, even though it had been backfilled at the time of its excavation in January. We expect any future, potential soil and ground water contamination, referred to on page 3 of the Law report, to be eliminated by the development of the plant site by SEHED.

We are submitting this report to you as a matter of responsible follow-up so that you may close your records and the new owner may proceed with their plans for development.

Should you have need to discuss this in further detail, please feel free to contact me at 919-379-4556.

I am confident that this engineering report will provide you all the information required so that this case might be closed, and we appreciate your assistance.

Sincerely,

BURLINGTON INDUSTRIES, INC.

Phillip H. Klein Director of Engineering

cc: Jamie Clark - Moore & Van Allen Durham, N.C.

> Mr. Terry Stanford, Jr. SEHED Corporation Durham, N.C.

Marvin Baugh - 3330 Robert Stevens, Esquire - 3330 Pete Latimer - New York



Burlington Industries, Inc.

s - 0

Corporate Offices 3330 West Friendly Avenue Greensboro, North Carolina 27420

September 15, 1987

RECEIVED

SEP :

RALEIGH REGIONAL OFFICE

N. C. Department of Natural Resources and Community Development 3800 Barrett Drive Raleigh, NC 27609

Attention: Mr. Ed Berry, Raleigh Regional Office

Re: Burlington Industries, Inc. Durham Plant NOV 000164

Dear Mr. Berry:

On April 1, 1987, a letter was sent from Tom Moore of the Burlington Industries, Inc.'s Corporate Engineering staff to Joseph P. Nestor of your office, accompanied by Soils & Materials Engineers Inc. ("S&ME") report dated March 18, 1987, which indicated that underground tanks had been removed from Burlington's Durham Plant site and contaminated soil was discovered and removed to satisfy state law requirements.

Subsequent to April 1, 1987, Burlington negotiated the sale of the Durham Plant and associated property. The prospective buyer had S&ME return to the site for further investigation on July 31, 1987. On August 6, we received notice from the prospective purchaser of a S&ME report indicating that a water sample taken around the excavation site showed some degree of contamination. We contacted Mr. Don Safrit of your office at 5:15 p.m. on August 6, 1987 to make him aware of the potential finding of traces of petroleum product where the old tank had been removed.

Upon notice from SM&E of their new findings, we contacted them to determine where the sample was taken. We were able to determine that the sample was not taken at a point relative to the tank location area as described in their report. Apparently they advanced a hand bored hole in the middle of the original excavation to a depth of 13.5 ft.



Upon receipt of the engineering report, I will submit one to your office for record.

Should you have any additional questions, please contact me in my office at 919-379-2130.

Very truly yours,

BURLINGTON INDUSTRIES, INC.

a. More

Thomas A. Moore Manager of Environmental Services Corporate Engineering

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2 1 2

TAM: fh

cc: Marvin Baugh - 3330 Phil Klein ~ 3330 Bob Stevens - 3330 Al Todd - Durham



Executive Offices P. O. Box 21207

Greensboro, North Carolina 27420

RECEIVED

JAN 1 3 1981

RAL IGH REGIONAL OFFICE

Burlington Industries, Inc.

January 12, 1987

.-£.

N.C. Department of Natural Resources and Community Development 3800 Barrett Drive Raleigh, NC 27609

Att: Mr. Joseph P. Nestor Hydrogeological Technician Raleigh Regional Office

Ref: Burlington Industries, Inc. Durham Plant NOV 000164 Notice of Release

Dear Joe:

The release from the old gasoline tank at the Durham Plant of Burlington Industries has been cleaned up, contaminated soil excavated and hauled to the Durham County landfill, and the excavation site backfilled and restored to normal plant service.

We contacted Soil & Material Engineering, Inc., of Raleigh, NC, to monitor the excavation and sample the soil as needed to comply with the state and federal regulations.

Four Seasons Industrial Service Co., of Greensboro, NC, performed the tank removal, contaminated soil extraction and placement in the county landfill in Durham. Excavation was estimated to be about 50 cubic yards.

Mr. Brian Hayes, the Geologist for Soil & Materials Engineering, took the samples and attended the general excavation as a witness to the completion of the project and to certify the compliance with the guideline for cleaning up the release.

The removal of hydrocarbons was so successful that we feel it will not be necessary to install a well to test the water table. The water table had not been reached at the 15-foot level of the excavation, at which point no detectable hydrocarbons could be discerned; therefore, we would submit that installing a monitoring well would be additional cost and property encumbrances that would be of no apparent value. Under that condition, we would recommend that the request for the groundwater monitoring be deleted from the Notice of Violation and that this case be closed as a completed site clean-up according to the laws and regulations of the State of North Carolina and the Federal EPA.

1 10 10 10 1

Mr. Moore March 18, 1987 Page 3

the two storage tanks on January 6, 1987. Soil around the tanks was monitored by an S&ME representative utilizing an OVA. Soil which possibly contained potential contaminants as indicated by OVA monitoring was excavated by Four Seasons and removed. Soil samples V-1, V-2, and V-3 were monitored by OVA during the excavation procedure to evaluate progress toward remediation. Because OVA concentrations were measured at levels above & ppm, excavation continued, but the samples were not submitted for lab analysis. Excavation continued laterally and vertically until the results of the OVA monitoring no longer indicated the presence of volatile organic compounds: (VOCs). Four soil somples, identified as G-1, V-4, 8P-1, and 8P-2, were collected from the bottom of the excavation after OVA monitoring indicated no VOCs were present and submitted to IEA for analysis of purgeable aromatic compounds and oil and grease. The analytical results of these samples as listed in Table Ia showed no contaminants present and the excavation was backfilled and compacted by Four Seasons on January 14 and 15, 1987. Copies of the laboratory reports are included in the Appendix.

S&ME appreciates the opportunity to have been of service to you. Please call us if you have any questions, or, if we may be of further assistance.

> Sincerely, S&ME

es)

James Narkunas Project Manager Environmental Services

SOIL & MATERIAL ENGINEERS, INC.



JN/jg

Attachments

Mr. Moore March 18, 1987 Page 2

the gasoline tank and the other boring, GT-2, was located near the north end of the Varsol tank. Both borings terminated at a depth of four feet, and soil samples were collected at two feet below the surface (sample A) and at the bottom of each hole (sample B).

Following labeling and logging onto a chain-of-custody form, each somple was placed in an insulated cooler with frozen ice packs for storage and transport to the analytical laboratory.

Samples were analyzed by Industrial & Environmental Analysts. Inc. of Research Triangle Park, North Carolina and results are summarized in Table I and documented in the Appendix.

Soil collected from boring GT-1, located at the south end of the underground gasoline storage tank, contained purgeable aromatic compounds indicative of gasoline. Benzene, ethyl benzene, toluene, and xylenes, as well as oil and grease were reported in both samples collected from depths of two and four feet. Soil collected from boring GT-2, located at the south end of the underground Varsol tank, also contained some of the same compounds but at lesser concentrations.

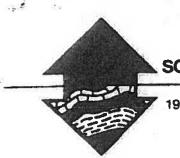
TANK REMOVAL AND SOIL EXCAVATION

and the second

Subsequent to sampling and analysis, Four Seasons Industrial Services, Inc. of Greensboro, NC, under contract to Burlington Industries, removed

SOIL & MATERIAL ENGINEERS, INC.

N 6 36



SOIL & MATERIAL ENGINEERS, INC. ENGINEERING-TESTING-INSPECTION

1903 Harrison Avenue, Box 609, Cary, NC 27511, Phone (919) 481-0397

March 18, 1987



Burlington Industries P.O. Box 21207 Greensboro, NC 27420

Attention: Mr. Tom Moore

Reference: Burlington Mills, Durham, North Carolina Tank Excovation S&ME Job Number Ø55-86-225

Dear Mr. Moore:

This letter report discusses the results of soil sampling performed by SEME in the immediate area of two underground storage tanks at the referenced facility. SEME originally performed sampling in conjunction with a site assessment and, subsequently, to document tank excavation and soil removal.

At the time of the assessment the tanks were out-of-service, but had previously stored gasoline and Varsol. The tanks were located end-to-end with the Varsol tank located north of the gasoline tank.

INITIAL SOIL SAMPLING

all a set a set

Two hand auger borings were advanced near the underground gasoline and Varsol storage tanks. One boring, GT-1, was located near the south end of

RALEIGH, GREENSBORO, ASHEVILLE, WILMINGTON, FAYETTEVILLE, CHARLOTTE, NC SPARTANBURG, COLUMBIA, CHARLESTON, MYRTLE BEACH, GREENVILLE, SC. ATLANTA, ALBANY, ST. MARYS, GA-TRI-CITIES, TN- CINCINNATI, OH-DEERFIELD BEACH, ORLANDO, TAMPA, FL

Burlington Industries, Inc.

Executive Offices P. O. Box 21207 Greensboro, North Carolina 27420

April 1, 1987

N.C. Department of Natural Resources and Community Development 3800 Barrett Drive Raleigh, NC 27609

Att: Mr. Joseph P. Nestor Hydrogeological Technician Raleigh Regional Office

Ref: Burlington Industries, Inc. Durham Plant NOV 000164 Notice of Release

Dear Joe:

Fer my letter to you dated January 12, 1987, I submit to you the report from Soil & Material Engineers dated March 18, 1987, relating to the subject release.

The Soil & Material Engineers, Inc. report demonstrates compliance with the North Carolina Standards for the clean-up of a release.

We thank you for your assistance in this program and we are closing out activity on this cleaned-up release. Should you have additional questions, please feel free to contact me at 919-379-2130.

Sincerely,

BURLINGTON INDUSTRIES. INC.

a. Moore

Thomas A. Moore Manager of Environmental Services Corporate Engineering

TAM: fh

cc: Marvin Baugh - 3330 Jack Garrison - 3330 Phil Klein - 3330 Bob Stevens - 3330 Al Todd - Durham





State of North Carolina Department of Natural Resources and Community Development Raleigh Regional Office

James G. Martin, Governor

· · ·

S. Thomas Rhodes, Secretary

DIVISION OF ENVIRONMENTAL MANAGEMENT January 7, 1987

Certified Mail Return Receipt Requested

Mr. Jack Garrison Environmental Engineer Burlington Industries, Inc. Post Office Box 21207 Greensboro, North Carolina 27420

> Re: Notice of Noncompliance North Carolina General Statute 143-215.83 Burlington Industries, Inc.-Durham Plant Durham County

Dear Mr. Garrison:

Chapter 143, North Carolina General Statutes, authorizes and directs the Environmental Management Commission of the Department of Natural Resources and Community Development 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 inspection of your facilities located at West Main Street in Durham, the Division has reason to believe that Burlington Industries, Inc. is responsible for activities resulting in noncompliance with North Carolina law.

Specific violations noted are as follows: An opening approximately two inches wide was observed on a gasoline tank being unearthed at the facility. Excavated earth materials exuded a gasoline odor. These observations indicate that a discharge of oil did occur. North Carolina General Statute 143-215.83 prohibits the discharge of oil onto lands in such proximity that oil is likely to reach waters of the State. The legal definition of waters include any accumulation of water, surface or underground.

3800 Barrent Drive, P.O. Box 27687, Raleigh, N.C. 27611-7687 * Telephone 919-733-2314

Mr. Jack Garrison January 7, 1987 - page two -

You are requested submit a written response to this Notice describing your activities and/or plans to achieve compliance with the above-cited laws or regulations within 20 days from receipt of this letter.

Failure to respond within the time specified may result in 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 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. 143-215.75 et. seq.

Your response and/or questions should be directed to Joseph Nestor of the Raleigh Regional Office at (919) 733-2314.

Sincerely,

Kw. Kan Tilling

R. W. Van Tilburg Regional Supervisor Raleigh Regional Office

RWVT:JPN:cs cc: Office of Legal Affairs Incident Management Unit

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SEMI-ANNUAL GROUNDWATER MONITORING REPORT JANUARY 2005 SAMPLING EVENT FORMER BURLINGTON INDUSTRIES TEXTILE MILL 2200 WEST MAIN STREET DURHAM, NORTH CAROLINA GROUNDWATER INCIDENT NO.: 20604

> Source of the Release: Waste Oil UST/Parts Cleaning Agents Cause of the Release: UST Release/Incidental Spillage Estimated Quantity: Unknown Date Release Discovered: January 1997 Risk Classification: 30 E Latitude: 36° 0' 29" Longitude: 78° 55' 32"

Prepared For:

Mr. Harold Vaden Burlington Industries, Inc. Corporate Engineering Department 604 Green Valley Road, Suite 209 Greensboro, North Carolina 27420 (336) 379-2000

Prepared By:

Mid-Atlantic Associates, Inc. 409 Rogers View Court Raleigh, North Carolina 27610 (919) 250-9918

February 16, 2005





409 Roger's View Court / Raleigh / North Carolina / 27610 800-486-7568 / 919-250-9918 / 919-250-9950 Facsimile www.maaonline.com

SEMI-ANNUAL GROUNDWATER MONITORING REPORT JANUARY 2005 SAMPLING EVENT FORMER BURLINGTON INDUSTRIES TEXTILE MILL 2200 WEST MAIN STREET DURHAM, NORTH CAROLINA GROUNDWATER INCIDENT NO.: 20604

Mid-Atlantic Associates Job No. 000R1393.00

February 16, 2005

Prepared For:

Mr. Harold Vaden Burlington Industries, Inc. 604 Green Valley Road, Suite 209 Greensboro, North Carolina 27420 Prepared By:

MID-ATLANTIC ASSOCIATES, INC.

Wayne E. Randolph, Jr. Staff Environmeptal Se Thomas A. Proctor, P Principal Environmental

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Table Table Table Table	e 2.2 e 2.3	Summary of Groundwater Elevation Data Summary of Historical Groundwater Elevation Data Monitoring Well Construction Data Summary of Chemical Constituents Detected in Groundwater Laboratory Analytical Report and Chain-of-Custody Record for Groundwater Samples



1.0 INTRODUCTION

The subject site is the Former Burlington Industries Textile Mill located at 2200 West Main Street in Durham, Durham County, North Carolina (Drawings 1.1 and 1.2). The southwestern portion of the site was developed into the First Union Plaza, a ten-story office tower connected to two, two-story buildings and a four-story parking structure. The northwestern portion of the site is being developed into an apartment complex. The central and northeast portion of the site, indicated on Drawing 1.2 as "grassy field", is currently undeveloped. The southeastern portion of the site, indicated on Drawing 1.2 as "new mill" and "old mill", is currently used as office space.

A release from the UST system was discovered in January 1997. A site history was included in the Corrective Action Plan (CAP), dated February 29, 2000, submitted by Law Engineering and Environmental Services, Inc. (now MACTEC Engineering and Consulting, Inc.) to the Groundwater Section of the North Carolina Department of Environment and Natural Resources. According to a December 13, 2000 letter from the Groundwater Section, the use of natural attenuation as a remedial alternative, as set forth in the CAP, was approved. To monitor the effectiveness of natural attenuation, the Groundwater Section required quarterly sampling and analysis of all existing monitoring wells during 2001, and semi-annual sampling to be completed in years 2002 and 2003. Samples were to be collected in January and July, and the results were to be reported by the end of the following month.

During May of 2004, Burlington Industries retained Mid-Atlantic Associates, Inc. (Mid-Atlantic) to collect groundwater samples and prepare this Groundwater Monitoring Report. Please refer to previous reports for historical assessment information.

The opinions included herein are based on our experience and the information obtained during the study. This report is based on limited observations made on the dates noted using the procedures described herein. If additional information becomes available, we request the opportunity to review the information, reassess the potential environmental concerns and modify our conclusions and recommendations, if appropriate.

2.0 GROUNDWATER SAMPLING ACTIVITIES

Mid-Atlantic visited the site on December 20 through 22, 2004, to collect groundwater samples for laboratory analysis. The samples were subsequently shipped by FedEx to the analytical laboratory. FedEx lost the samples for several days over the holidays and they arrived at the laboratory too late for analysis. Mid-Atlantic personnel remobilized to the site on January 26, 2005, to conduct groundwater monitoring activities.



Semi-Annual Monitoring Report Former Burlington Industries Textile Mill Durham, North Carolina February 16, 2005 Page 2

2.1 Groundwater Flow Direction Determination

Subsequent to opening the wells to allow time for the water levels to equilibrate, depth-togroundwater measurements were collected using an electronic water-level indicator. Water level measurements and groundwater elevations are provided in Table 2.1. Historical groundwater elevations are provided in Table 2.2. Well construction details for site monitoring wells are provided in Table 2.3. As shown on Drawing 2.1, the shallow groundwater below the site is migrating in a northwesterly and northerly direction. This flow direction is consistent with the site's topography and with previous groundwater flow direction determinations. Gauging data from the December 2004 sampling event were used to construct the Drawing 2.1.

2.2 Groundwater Sampling Activities

Subsequent to measuring the depth to water in the wells, they were purged a minimum of three well volumes, or until the well exhibited dryness, using new, disposable polyethylene bailers. New nitrile gloves were worn during sampling of each well. The groundwater samples were decanted from the bailers into new pre-labeled, laboratory-supplied containers. In addition to the groundwater samples, two duplicate samples and one trip blank were also collected for analysis. The samples were then placed on ice and transported under chain-of-custody to Paradigm Analytical Laboratories, Inc. (Paradigm) in Wilmington, North Carolina for analysis. The water samples were analyzed for the presence of volatile organic compounds (VOCs) according to EPA Method 601. In addition, the samples collected from wells MW-1 and MW-2 were analyzed for semi-volatile compounds according to EPA Method 625. Copies of the laboratory analytical report and chain-of-custody record are provided in the Appendix and the laboratory results are summarized in Table 2.4.

3.0 DISCUSSION OF SAMPLING RESULTS

3.1 Laboratory Analytical Results

As summarized in Table 2.4, two constituents (1,1-dichloroethene and chloroform) were detected at concentrations in excess of their respective North Carolina Groundwater Quality Standard (NCGQS). 1,1-dichloroethene was detected in concentrations exceeding its NCGQS in the samples collected from monitoring wells MW-1, 1D, 2, 3, 4, 7, 8, and 14 while chloroform was detected in excess of its NCGQS in the sample collected from MW-11.



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3.2 Description of Current Plume Size and Location

Isoconcentration maps for 1,1-dichloroethene and chloroform in the shallow aquifer are provided as Drawings 3.1 and 3.2, respectively. As shown, the 1,1-dichloroethene shallow groundwater contaminant plume appears to be within the monitoring well network. Chloroform in excess of its NCGQS is limited to the immediate vicinity of monitoring well MW-11.

A cross-section overview map for 1,1-dichloroethene is provided as Drawing 3.3. Crosssections of the plume trending south to north (down-gradient) and west to east (crossgradient) are provided as Drawings 3.4 and 3.5, respectively. Analysis of groundwater samples collected from MW-1D resulted in concentrations of 1,1-dichloroethene at 7.7 μ g/L (July 22, 2003), 11.5 μ g/L (June 3, 2004), and 14.1 μ g/L (January 26, 2005), all of which exceed the NC groundwater quality standard of 7 μ g/L for 1,1-dichloroethene.

A cross-section overview map for chloroform is provided as Drawing 3.6. A crosssection of the plume trending northwest to southeast is provided as Drawing 3.7. This drawing indicates that the horizontal extent of chloroform is contained within the monitoring well network.

4.0 CONCLUSIONS

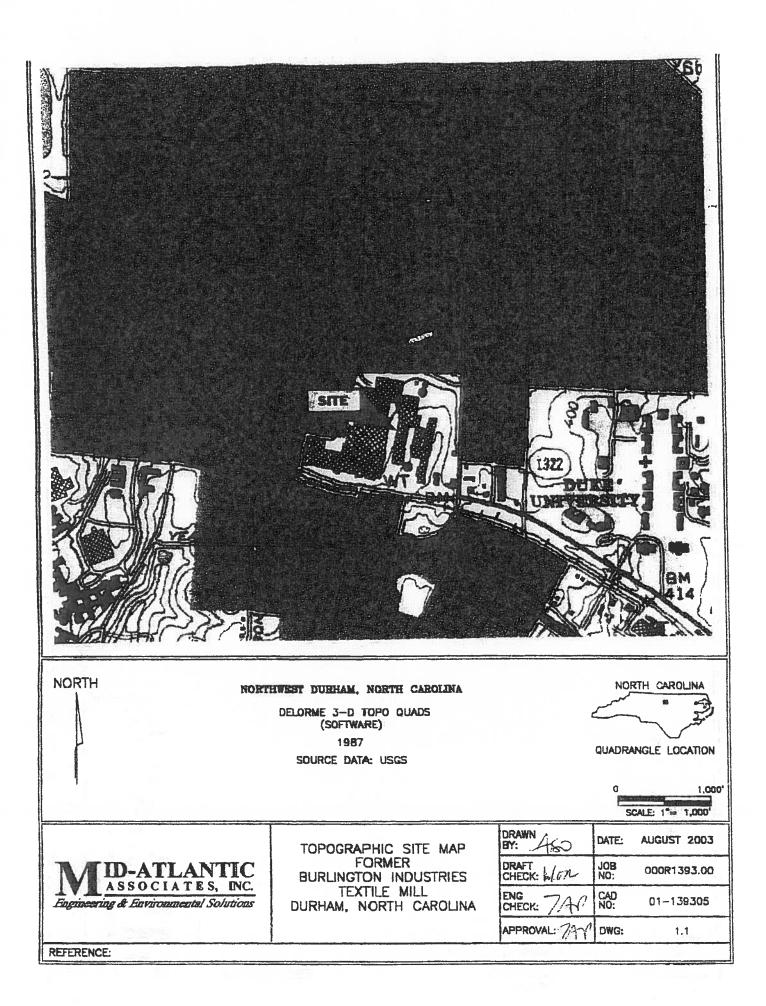
Concentrations of 1,1-dichloroethene within the center of the plume have remained relatively consistent over the past five sampling events. The sample result from MW-14 which is located along the eastern edge of the 1,1-dichloroethene plume, was above its NCGQS for 1,1-dichloroethene for the first time in five sampling events. Concentrations of 1,1-dichloroethene in the samples collected from MW-1D have steadily increased above the NCGQS since the July 2003 sampling event. As stated in the August 2003 Semi-Annual Groundwater Monitoring Report, the presence of chloroform may be the result of leaking municipal water-supply lines. Municipal water is generally chlorinated, which often results in the presence of chloroform.

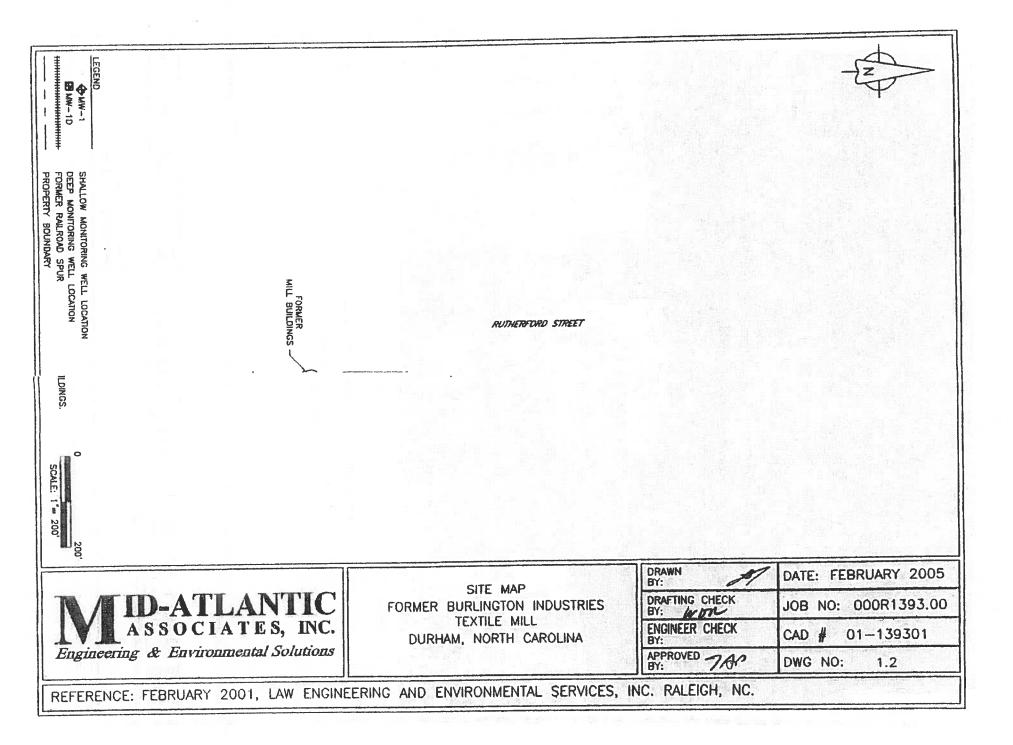


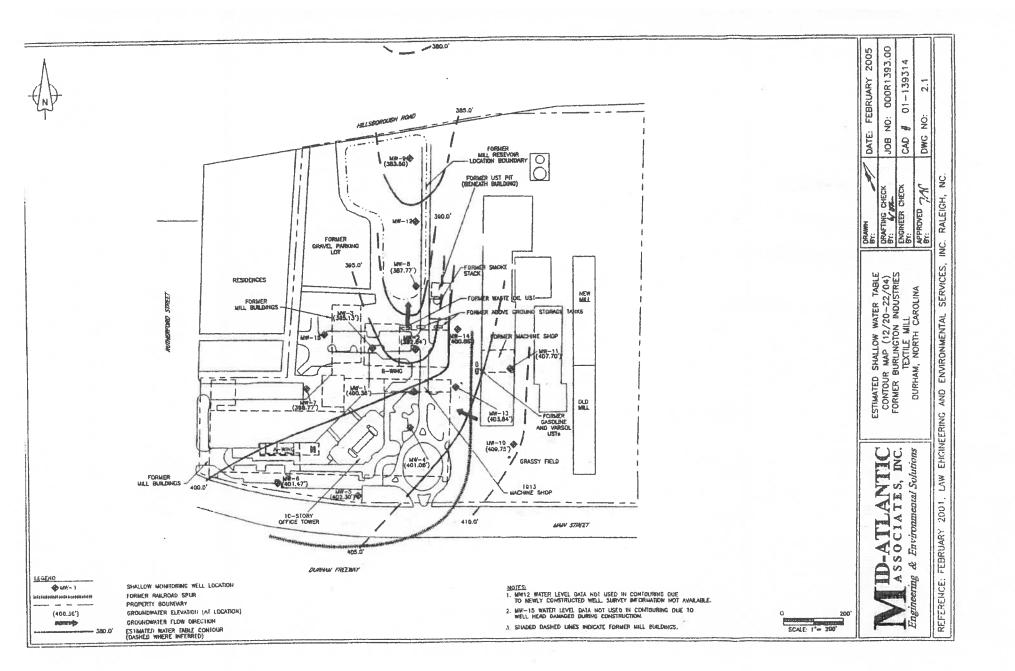
DRAWINGS

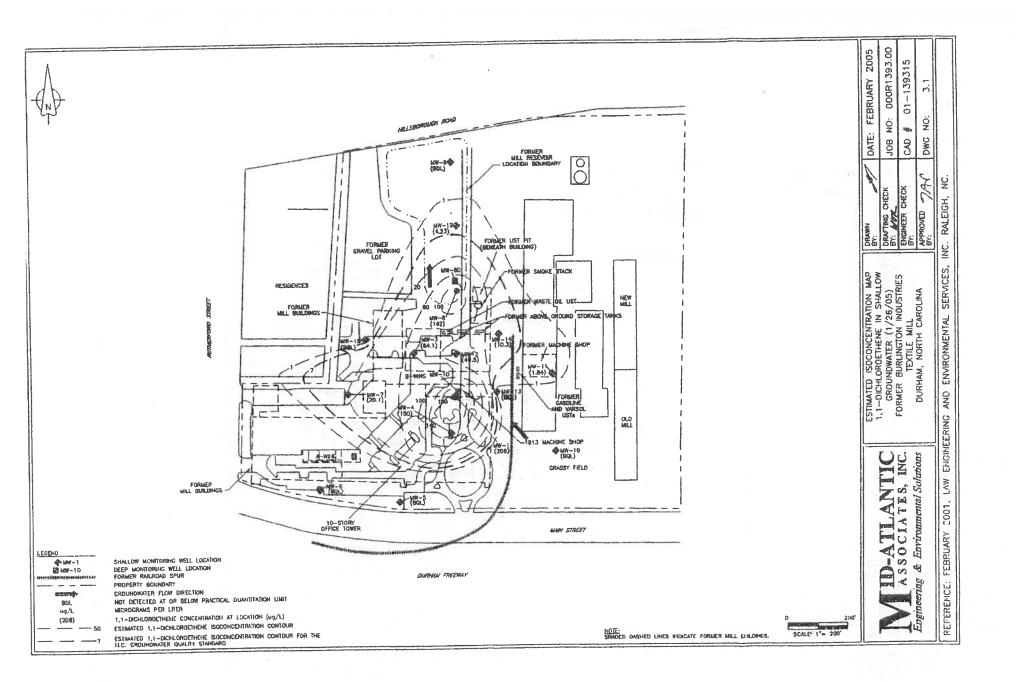


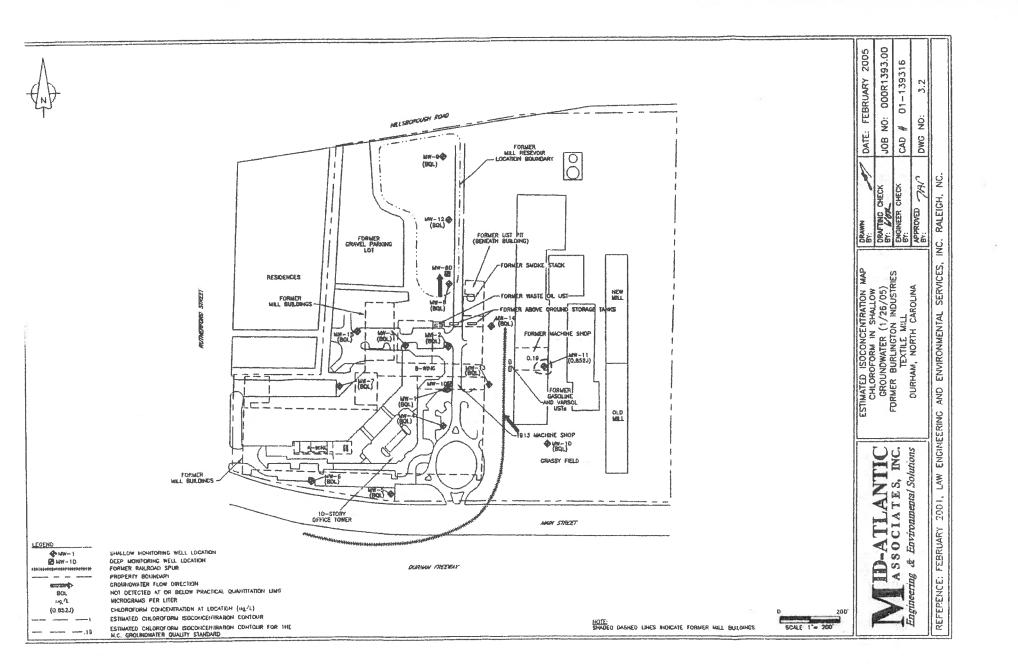
43

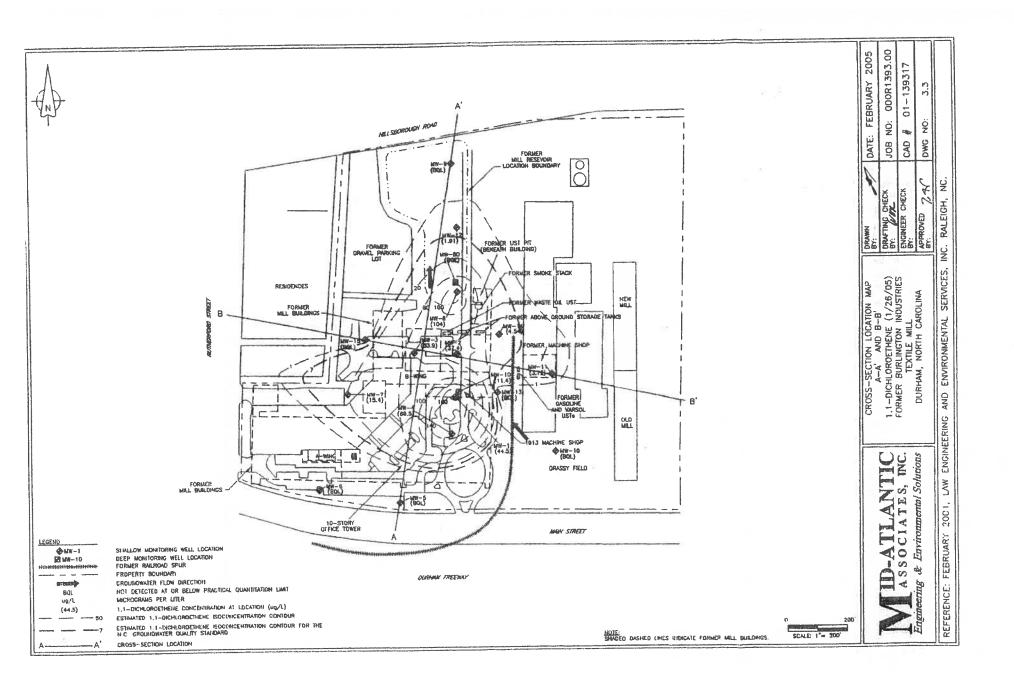


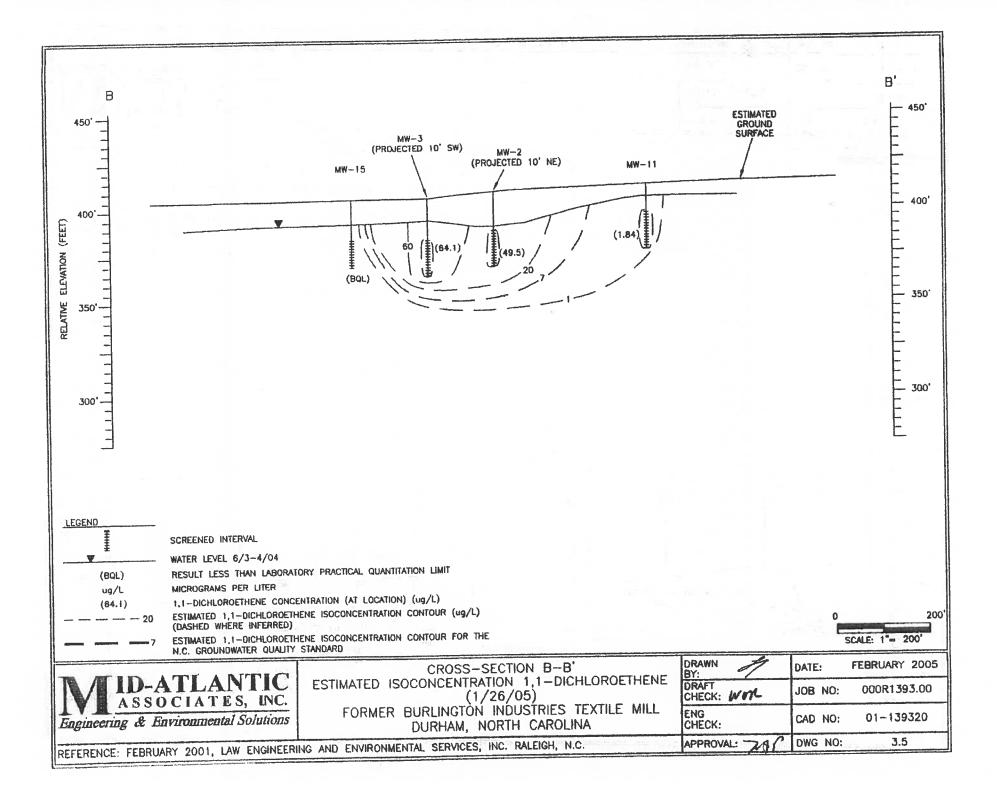


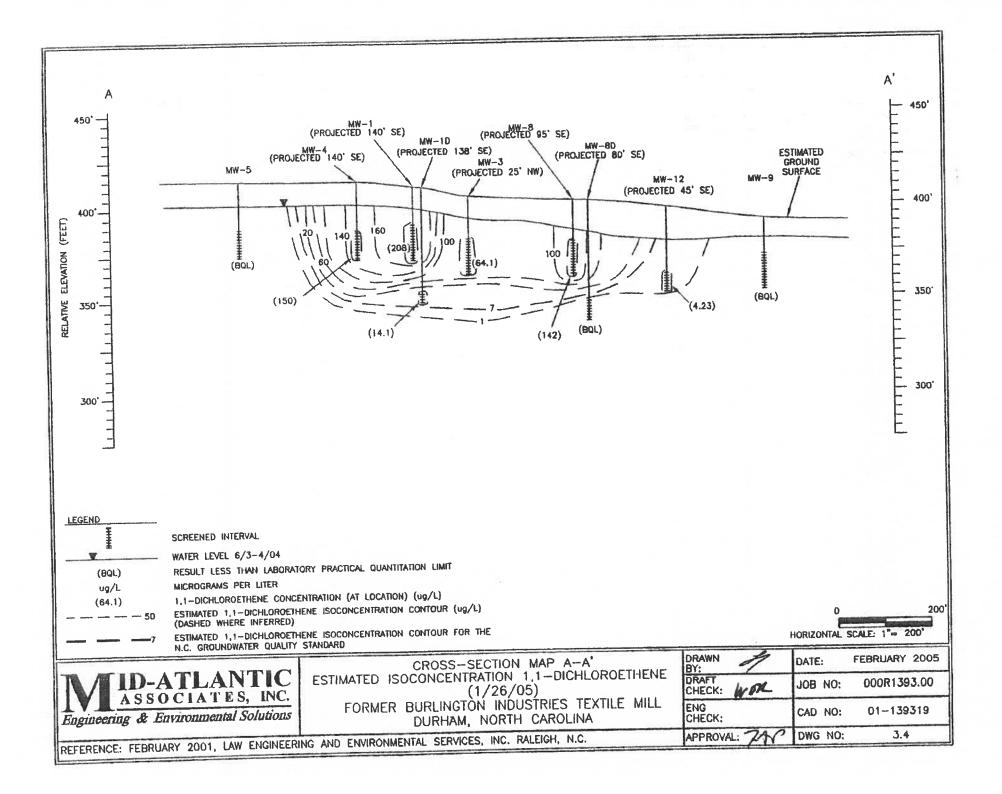


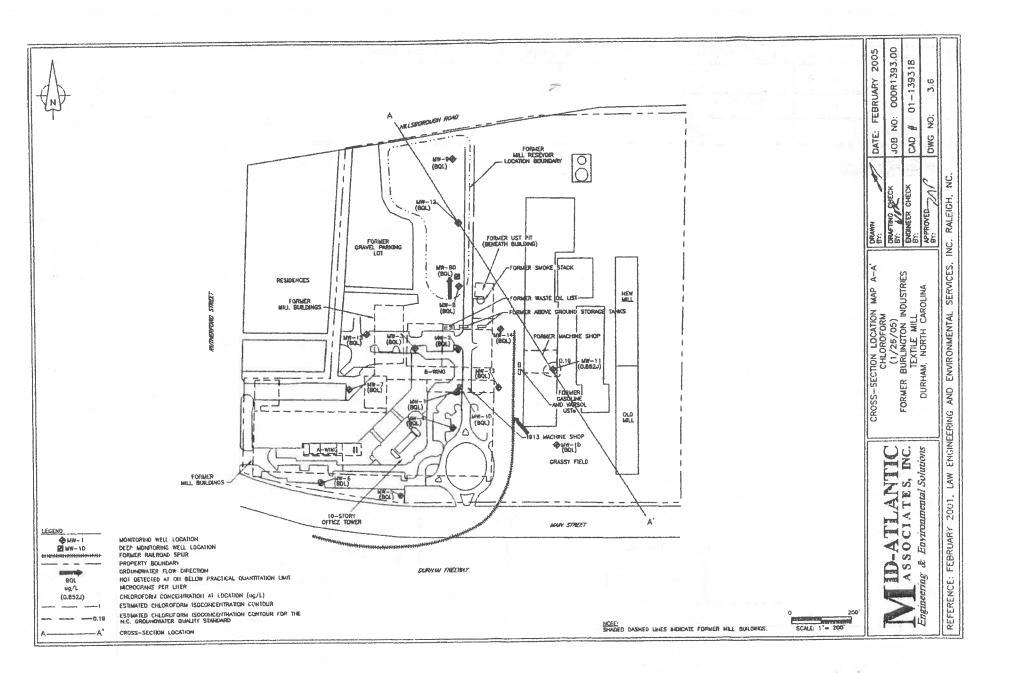


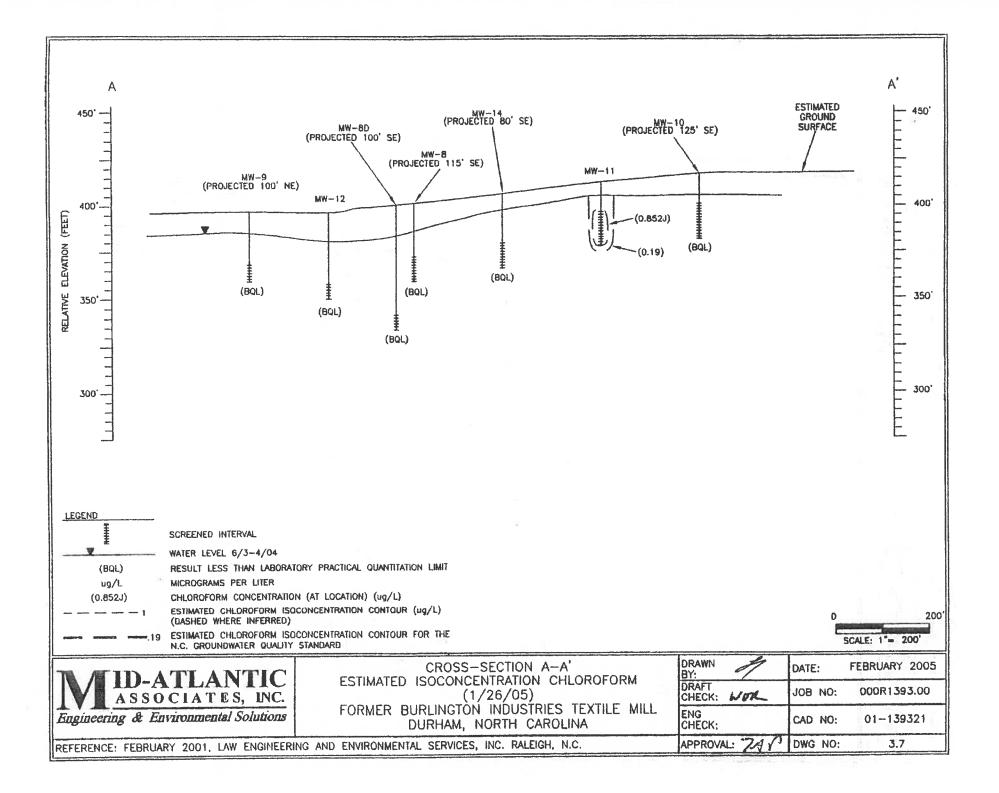












TABLES

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TABLE 2.4 SUMMARY OF GROUNDWATER ELEVATION DATA FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA GROUNDWATER INCIDENT NO. 20604 MID ATLANTIC REQUECTING. 000R1593100									
VELLENUMBER	DATE		DTW-(ft)	- SWLE (ff)					
MW-1	12/21/04	412.92	12.56	400.36					
MW-1D	12/21/04	412.85	12.56	400.29					
MW-2	12/21/04	410.87	18.03	392.84					
MW-3	12/21/04	406.60	11.47	395.13					
MW-4	12/21/04	414.11	13.05	401.06					
MW-5	12/22/04	414.81	12.51	402.30					
MW-6	12/22/04	414.98	13.51	401.47					
MW-7	12/21/04	406.08	7.31	398.77					
MW-8	12/22/04	405.69	17.92	387.77					
MW-8D	12/22/04	NS	17.88	NS					
MW-9	12/22/04	394.07	10.57	383.50					
MW-10	12/20/04	420.31	10.56	409.75					
MW-11	12/20/04	414.14	6.44	407.70					
MW-12	12/22/04	NS	16.69	NS					
MW-13	12/20/04	415.15	11.31	403.84					
MW-14	12/22/04	408.02	7.36	400.66					
MW-15	12/21/04	NS*	8.00	NS*					

Notes:

Measuring point is top of well (TOC) casing unless otherwise noted. DTW - Depth-to-Water in feet

SWLE - Static Water Elevation in feet

NS - Not Survayed and/or newly constructed monitoring well

* - Well head damaged during construction

				SU	FORMER	HISTORI DRIMNET DIRIMNET			EP/-Section 8					
						10. HE . H		GIDATES	26					Án)
WELL ID	Dec-96	Jan-97	Mar-97	Арг-97	May-98	Oct-98		.Del de	3 m 01			100703		Dec-05
MW-1	400.54	400.98	NM	NM	NM	NM	400.17	400.32	399.56	400.34	NR	401.09	400.23	400.36
MW-1D	NM	NM	NM	NM	NM	NM	399.83	399.34	399.5	400.08	NR	400.81	399.96	400.29
MW-2	392.80	392.97	NM	NM	NM	= NM	NM	392.75	392.62	392.82	NR	392.9	392.77	392.84
MW-3	395.16	395.23	NM	NM	NM	NM	NM	394.12	394.44	393.39	NR	394.17	394.79	395.13
MW-4	NM	NM	401.53	NM	NM	NM	NM	401.11	400.67	400.99	NR	401.64	401.39	401.06
MW-5	NM	NM	397.81	NM	NM	NM	NM	401.45	401.58	402.24	NR	403.43	402.87	402.3
MW-6	NM	NM	405.48	NM	NM	NM	NM	NM	400.80	401.44	NR	403.30	402.24	401.47
MW-7	NM	NM	401.90	NM	401.59	NM	NM	399.69	398.23	400.02	NR	399.89	398.52	398.77
MW-8	NM	NM	NM	391.23	NM	NM	NM _	389.93	390.32	390.78	NR	387.80	NS	387.77
MW-8D	NM	NM	NM	NM =	NM	NM -	NM	395.22	393.87	395.04	NR	NS	NS	NS
MW-9	NM	NM	NM	389.61	NM	NM	NM	NM	387.96	388.55	NR	383.62	383.42	383.50
MW-10	NM	NM	NM	NM	409.90	NM	NM	NM	405.61	408.35	NR	410.59	408.69	409.75
MW-11	NM	NM	NM	NM	406.89	406.89	=NM=	404.94	402.87	405.92	NR	408.39	406.63	407.70
MW-12	NM	NM	NM	NM	390.94	NM	NM -	388.95	388.83	389.11	NR	NS	NS	NS
MW-12	NM	NM	NM	NM	NM	399.54	NM	400.15	401.36	403.59	NR	404.73	401.77	403.8
MW-14	NM	NM	NM	NM	NM	NM	NM NM	393.68	398.13	400.30	NR	399.67	400.48	400.6
MW-14	NM	NM	NM	NM	NM	NM	NM	399.04	397.41	399.59	NR	394.23	392.99	NS

Notes:

NM - Not Measured - monitoring well either not installed or sampled at this date.

NR - Not Recorded

NS - Not Survayed

		FO	RMER BURLIN DURH GROUNDY	TABLE 2.3 WELL CONST IGTON INDUST IAM, NORTH C. VATER INCIDE NTIC JOB NO.	NT NO: 20604	MILL		
Monitoring Well No:	Date Installed	Well Casing Depth (ft. BLS)	Screened Interval (ft. BLS)	Total Depth (ft. BLS)	Top of Casing Elevation (ft)	Depth, to Water from Top of, Casing (ft.)	Ĝroundwäter Elevation	Diameter (in.)
MW-1	12/19/1996	0.0-18.0	18.0-38.0	· 38.0	412.92	13.36	413.42	2
MW-1D	2/16/1999	0.0-55.0	55.0-60.0	60.0	412.85	13.35	413.35	2
MW-2	12/19/1996	0.0-20.0	20.0-40.0	40.0	410.87	18.25	411.37	2
MW-3	12/19/1996	0.0-20.0	20.0-40.0	40.0	406.60	12.16	407.10	2
MW-4	3/25/1997	0.0-27.0	27.0-42.0	42.0	414.11	13.44	414.61	2
MW-5	3/25/1997	0.0-25.0	25.0-40.0	40.0	414.81	13.23	415.31	2
MW-6	3/25/1997	0.0-27.0	27.0-42.0	42.0	414.98	14.18	415.48	2
MW-7	3/25/1997	0.0-23.0	23.0-38.0	38.0	406.08	7.85	406.58	2
MW-8	4/4/1997	0.0-22.0	22.0-42.0	42.0	405.69	15.37	406.19	2
MW-8D	7/18/2003	0.0-55.0	55.0-65.0	65.0	NA	16.89	NA	2
MW-9	4/4/1997	0.0-17.0	17.0-37.0	37.0	394.07	6.11	394.57	2
MW-10	5/8/1998	0.0-15.0	15.0-35.0	35.0	420.31	14.70	420.61	2
MW-11	5/7/1998	0.0-15.0	15.0-35.0	35.0	414.14	11.27	414.48	2
MW-12	7/16/2003	0.0-35.0	35.0-45.0	45.0	NA	16.39	NA	2
MW-13	10/20/1998	0.0-15.0	15.0-35.0	35.0	415.15	13.79	415.45	2
MW-14	12/21/1999	0.0-20.0	20.0-35.0	35.0	408.02	9.89	408.32	2
MW-15	12/21/1999	0.0-20.0	20.0-35.0	35.0	404.99	7.58	405.39	2

ft BLS = feet below land surface

					SUMMARY Ô	F.CHEMICAL CONSTITU ORMER BURLINGTON IN BURHAM, NÖR GROUNDWATER IN MID-ATLANTIC JO	TH CAROLINA	JUNDWATER LEADER				
	7:272.4	a tilte f the i	R T I was -		190		TRACE 61 500 - 1-1-5		1.X% 700,000 AZ AL	STATE OF THE STATE		E. P. J.
GC		0.3	50	2800	0.19		620-24	STORES HILLING			ALL CHESSE ALL CHESSES	A 300
NCG	us	. U.3		10 S. 152452.200	p to the Health stre	- the same in the			而知道出自己	TAT IN STATE	3440 TO """	
Well lumber	Sample Date	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chlorosthane (ug/L)	Chloroform (ug/L)	1,2-Dichlorobenziarie (ug/L)	1,3-Dichlorobenzerië (ug/L)	(,) Diction broket (ugfc)		(1-Dichiordatinene (up/L)	Trichlorofiluoro mattuana (ug/L)	Phenol (ug/L)
				all see the			BQL	BQL	19	190	25	BQL
NW-1	5/4-5/01	NA	BQL	7.8	NA	BQL	BQL	BQL	14	160	25	BQL
	8/6/2002	BQL	BOL	BOL	1	BOL	BQL	BQL	BQL	180	29	17
	7/22/2003	BQL	BQL	BOL	BQL	BQL	BQL	BQL	18.3	94.5	10.3	BQL
	6/3/2004	BQL	BQL	BOL		BQL	BQL	BQL	12.3	208	18.1	BQL
	1/26/2005	BQL	BOL	BQL	BQL	DUL	Use					
	and the second	22.94		801	NA	BQL	BQL	BQL	BQL	8.1	BQL	NS
MW-1D	5/4-5/01	NA	BQL	BOL	BQL	BQL	BQL	BQL	BQL	5.5	BQL	= NS
	8/6/2002	BQL	BQL	BOL	BOL	BQL	BQL	BOL	BQL	7.7	BQL.	NS
	7/22/2003	BOI	BOL		BOL	BQL	BQL	BQL	0.271 J	11.4	BOL	NS
	6/3/2004	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	14.1	8QL	NS
	1/26/2005	BQL	BQL	DUL	Duc	UNIS .		Ett.	32			
	711 5 51	hin	BQL	BOL	NA	BQL	BQL	BQL.	14	88	4.4	BQL
A1W-2	5/4-5/01	NA	BQL	BUL	1	BQL _	BQL	BQL	6.8	52	2.5	BQL
	8/6/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL	6.8	47	4.9	BOL
	7/22/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL	7.42	37.4	4.04	BQL
	6/13/2004	BQL	BQL	BQL	BQL	BOL	BQL	BQL	4.8	49.5	1.56 J	BQL
	1/26/2005	BQL	DAL	Dur	- while se		22					0.01
IW-2 dup	5/4-5/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	BQL
IAA-5 anb	8/6/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	BQL
	7/22/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL	5.7	36	BQL	NS NS
	6/3/2004	BQL	BQL	BQL	BQL	BQL	BQL	BQL	7.22	37.8	4.26 1.6 J	NS
	1/26/2005	BQL	BQL	BQL	BQL	BQL	BQL	BQL	5.53	49.7	1.0 J	143
	112012000				12-11-2	- 1976-		26	2.6	110	BQL	NS
MW-3	5/4-5/01	NA	40	BQL	NA	420	55	25	12	47	1.3	NS
	8/6/2002	BQL	12	BQL	BQL	140	1.6	8.8	8.2	34	BQL	NS
	7/22/2003	8QL	6.3	BQL	BQL	68	BQL	BQL 1.29	9.68	33.9	6.12	NS
	6/4/2004	BQL	4.5	BQL	BQL	51.1	BQL BQL	BQL	9.00	64.1	4.04	NS
	1/26/2005	BQL	BQL	BQL	BQL	19.6	BUL		ut to		· · · · · · · · · · · · · · · · · · ·	1
	Martin e II						BQL	BQL	12	140	3.8	NS
1AW-4	5/4-5/01	NA	BQL	BQL	NA	BQL BQL	BQL	BQL	9.8	- 88	4.5	NS
	8/6/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	89	BQL	NS
	7/22/2003	BQL	BQL	BQL	BQL BQL	BQL	BQL	BQL	4.29 J	69.5	4.38 J	NS
	6/3/2004	BQL	BQL	BOL	BQL	BOL	BQL	BQL	10.2	150	BQL	NS
	1/26/2005	BQL -	BQL	BQL	DUL	UVIL		2 192 New 192	NG READER			(
			BQL	BQL	NA	BQL	BQL	BQL	BOL	BQL	BQL	NS
14W-5	5/4-5/01	NA	BOL	BQL	BQL	BOL	BQL	BOL	BOL	BOL	BOL	NS
	8/6/2002	BQL	BQL	BQL	BQL	BOL	BQL.	BQL	BOL	BQL	BQL	NS
	6/3/2003	BQL BQI.	BQL	BOL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS
	1/26/2005	BQL	BQL	BQL	BQL	8QL	BQL	BQL	BQL	BQL	BQL	NS
	112012003										BQL	NS
AW-5 dup	5/4-5/01	NA	BQI.	BQL	NA	BQL	BQL	BQL	BQL	BQL	BQL	NS NS
	8/6/2002	BOL	BQL	BOL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS
	7/22/2003	BOL	BOI.	BQL	BQL	BOL	BQL	BOL	BQL BQL	BOL	BQL	NS
	6/3/2004	BQL	BQL	BQL	BQL	BQL	BQL	BQL.	BQL	BQL	BOL	NS
	1/26/2005	BQL	BOL	BQ1.	BQL	BQL	BQL	DUL	DUL	Dar		1

					SUMMARY C	TABI OF CHEMICAL CONSTITUTION I ORMER BURLINGTON I DURHAM, NO	JENT DETECTED IN GRU NDUSTRIES TEXTLE MI RTH CAROLINA	42.61 591,4934				
	1 20			h s. Shillinghan		GROUNDWATER	CIDENT NO. 20604			THE REPORT OF A DESCRIPTION OF A	A TALLA & SAUKE BELLINE RU	ria esta (
GC	L	and the second second second	Prototic The	1996 - A. 1997 - 1997	190	72,500	26 327 61,500 7 6 1	39,500 - Hr		The second s	COMPANY AND A	58 300
NCG		0.3	50	2800	0.19	620 学行奖学	1:14.620モベ		CASE AND PROVIDE		NED DI COLUMN	
Weil	Sample Date	Carbon Tetrachloride (ugiL)	Citiorobenzene (ug/L)	Chloroathane (ug/L)	Chloraform (ug/L)	1.2-Dichlorobenzane (ug/L)	1.3-Dichlorobenzene (ug/L)	(ug/L)	1.)-Otofferostant (us/1)	Littlichloredbare, Si (und)	Tridmorofluoro-f- militama.(ug/L)	Phen (ug(L
	- 1 X					801	BQL	BQL	BQL	BQL	20	INS
W-8	5/4-5/01	NA	BQL	BQL	NA	BQL		BQL	BQL	BQL	4.9	NS
	8/14/2002	BOL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	40	NS
	7/23/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	148	NS
	6/3/2004	BQL	BOL	BQL	BQL	BQL	BQL	BQL	BQL		127	NS
	1/26/2005	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	14/	140
	112012003	UUL		10		1GF	and the second part of the second					-
	CIA PIOL	LIA.	BQL	BQL	NA	BQL	BQL	BQL	3.2	18	BQL	NS
W-7	5/4-5/01	NA	BQI,	BQL	BQL	BQL	BQL	BQL	3.1	18	BQL	NS
1	8/6/2002	BQL		BQL	BQL	BQL	BQL	BQL	2,1	13	BQL	NS
	7/22/2003	BQL	BOL	BQL	BQL	BQL	BQL	BQL	2.72	15.4	BQL	NS
	6/4/2004	BQL	BQL		BQL	BQL	BQL	BQL	3.13	20.7	BQL	NS
	1/26/2005	BQL	BQL	BQL	DUL	Dar	1	24.4	1			
					001	16	NA	NA	24	200	BQL	N
W-8	5/4-5/01	BQL	5	BQL	BOL	10	BQL	1.2	28	240	1.8	N:
	8/6/2002	BQL	4.6	BQL	BQL		BQL	BQL	13	120	BQL	NS
	7/22/2003	BOL	BQL	BQL	BQL	BQL	BQL	BQL	12.8	104	BQL	NS NS
	6/29/2004	BOL	BQL	BQL	BQL	BQL	BQL	BQL	11.2	142	BQL	NS
	1/26/2005	BQL	BQL	BQL	BQL	BQL	DUL	- Duc		and the second se	and an and the second second	
	1		2019				NA	NA	BQL	BQL	BQL	NS
N-80	5/4-5/01	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS
	8/6/2002	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	NS
	7/22/2003	BOL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	NS
	8/4/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N
	1/26/2005	BQL	BQL	BQL	BQL	BQL	BQL	BQL	Dul	DQL .	Dat	1
	IL LULOUT			and the first states and	A 1 1000		1		601	BQL	BQL	N
W-9	5/4-5/01	BQL	BQL	BQL	BQL	BQL	NA	NA	BQL		BQL	N
-3	8/6/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1 N
	7/22/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N
		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		N
	6/4/2004		BQL	BQL	BQL	BQL	BOL	BQL	BQL	BQL	BQL	- N
	1/26/2005	BQL	DGL	Dur	1		and the second	4.1				+
			BQL	BQL	BQL	BQL	NA	NA	BQL	BQL	BQL	N
V-10	5/4-5/01	BQL		BQL	BQL	BQL	BOL	BQL	BQL	BQL	BQL	N
	8/6/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N
	7/23/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL.	BQL	N
	6/4/2004	BQL	BOL		BQL	BQL	BQL	BQL	BQL	BQL.	BQL	N
1.100	1/26/2005	BQL	BQL	BQL	BUL	DUL		1		and the second sec		
					8	BQL	NA	NA	1.9	6	BQL	N
N-11	5/4-5/01	2	BQL	BOL	6.8	BQL	BOL	BQL	1.6	4.7	BQL	N
	8/6/2002	1.6	BQL	BQL	6.4	BQL	BQL	BQL	1.1	4	BQL	N
	7/23/2003	BOL	BQL	BQL	6.52	BQL	BQL	BQL	0.992 J	3.72	BOL	h
	6/4/2004	BOL	BQL	BQL		BQL	BQL	BQL	BQL	1.84	BOL	N
	1/26/2005	BQL	BQL	BQL	0.852 J	- OUL	Duc			1	1	T
_							NA	NA	BQL	3.5	BQL	N
V-12	5/4-5/01	BQL.	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.5	BQL	N
	8/6/2002	BQL	BQL	BQL	BQL	BQL			BQL	BQL	BQL	-
	7/22/2003	BQL	BQL	BQL	17	BQL	BQL	BQL	0.361 J	1.91	0.406 J	1
	6/4/2004	BQL	BQL	BQL	2.17	BQL	BQL	BQL		4.23	0.751 J	
	1/26/2004	BQL	BQL	BOL	BQL	BQL	BQL	BQL	0.383 J	4.20	4.1019	1
	110.012000	+		1		A CONTRACT OF A	The second second second second	and the second sec	_		-	de

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					SUMMARY O F(TABL CHEMICAL CONSTITU RMER BURLINGTON IN DURHAM, NOR GROUNDWATER IN MID-ATLANTIC JOI	244) ENT DETECTED IN DAM DUSTRIES TEXTILE 44 TH CAROLINA CIDENT NO: 20604 NO: MORTISTICA					
			S IN STREET	MART - 130 LE 107	190	72,500		100 A	NO. PLANT VIAMEL 7	PRE-SERVICE PROPERTY	COV-62/2100-1-402-	a 300
GC NCG		0.3	50	2800	0.19			OF INCHASE OF INCOME		NE NEW YORK	Second States and the	13: 70.00
Well Number	Sample Date	Carbon Tetrachloride (ug/L)	Chiarobenzene (ug/L)	Chioroathana (ug/L)	Chloroform (ug/L)	1,2-Dichioróbeinzáne (µg/L)	Apichioi disection (USPL)	A Disno Obritatia (usit) St	A following within a following w	1 Dichioreathana 1 Gichioreathana 1 Gichioreathan 1 Gichioreathan 1 Gichioreathan 1 Gichioreathan 1 Gichiore	Si frichtardfluord methane (jg/L)	Phenol (ug/L)
(C)						- 12		NA	BQL	BQL	BQL	NS
	5/4-5/01	BQL	BQL	BQL	BQL	BQL	NA	BQL	BQL	BQL	1.2	NS
NIW-13	8/6/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL BQL	BQL	BQL	BQL	NS
	7/23/2003	BQI,	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.82	NS
		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	4.44	NS
	6/4/2004	BQL	BQL	BQL	BQL	BQL	BQL	BUL	Dur	UGE		1
	1/26/2005	built							2	3.9	4.5	NS
	FIA CIDA	BQL	BOL	18	BQL	BQL	NA	NA	2.1	4.4	2	NS
MW-14	5/4-5/01	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.9	5.2	1.1	NS
	8/6/2002	BQL	BQL	8QL	8QL	BOL	BOL	BQL	3.13	4.54	BQL	NS
	7/23/2003	BOL	BQL	BOL	BQL	BQL	BQL	BQL	4.69	10.3	BQL	NS
	6/3/2004	BOL	BQL	BQL	BQL	BQL	BQL	BQL	4.09	1 1910	1	
	1/28/2005	BUL	Duc	1						4.7	BQL	NS
	ALL 5101	BUL	BQL	BQL	BQL	BQL	NA -	NA	1,1 BQL	2.8	BQL	NS
MW-15	5/4-5/01	BOL	BQL	BQL	BQL	BQL	BQL	BQL	And the second s	BQL	BQL	NS
	8/6/2002		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	8QL	NS
	7/23/2003	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS
	6/29/2004	BQL	BQL	BOL	BQL	BQL	BQL	BQL	BQL	BUL		
	1/26/2005	BQL	DUL			-		=			BQL	NS
				BOL	BQL	BQL	NA	NA	BQL	BQL	BQL	NS
Trip Blank	5/4-5/01	BQL	BQL	BQL	BQL	BQL	BOL	BQL	BQL	BQL	BQL	NS
=	8/6/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS
	7/22/2003	BQł.		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS
	6/4/2004	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	- Dur	
	1/26/2005	BQL	BOL	Bul	Duc					1	1	<u>_</u>

Notes:

R

NS - Not Sampled NR - Laboratory Analysis Not Requested NA - Not Available

NL - Not Listed NL - Not Listed NC/BQL - Not detected at or atrove laboratory Practicet Quantitation Limit (PQL) J - estimated value, below laboratory calibration range

Bold values exceed NC Groundwater Quality Standards (NCGQS) Shaded values exceed Gross Contamination Level (GCL) ug/L - micrograms per liker

APPENDIX

LABORATORY ANALYTICAL REPORT AND CHAIN OF CUSTODY RECORD FOR GROUNDWATER SAMPLES





BURLINGTON INDUSTRIES 3330 W. Friendly Ave. Greensbaro, N.C. 27410 336-379-2941

Mr. Rick Bolich North Carolina Department of Environment and Natural Resources Raleigh Regional Office Division of Water Quality Groundwater Section 1628 Mail Service Center Raleigh, North Carolina 27699-1628

Subject: Former Burlington Industries Textile Mill Durham, North Carolina Groundwater Incident No. 20604

Dear Mr. Bolich:

May 28, 2003

As discussed with you on 5/28/03 Burlington Industries plans on continuing sampling at the referenced BI Durham site according to the approved Corrective Action Plan. The next round of samples will be collected and analyzed in July 2003. According to your direction we will not attempt to reschedule the missed January sampling event.

If you have any questions or comments, please contact me at 336-379-2941.

Sincerely,

AM Jarlih

G. Mike Garlick, P.E. Corporate Environmental Engineering Manager

cc: R. Fariole - 3330 B. Wicker - 3330 BY CERTIFIED MAIL



Michael F. Easley, Governor William G. Ross Jr., Secretary North Carolins Department of Environment and Natural Resources

> Alen W. Klimett, P.E. Director Division of Water Quality Coleen H. Sullins, Deputy Director Division of Water Quality

April 16, 2004

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Mike Garlick Burlington Industries, Inc. Corporate Engineering Department P.O. Box 21207 Greensboro, North Carolina 27420

Subject: Notice of Violation North Carolina Administrative Code Title 15A Subchapter 2L .0106(c)(4) and 15A NCAC 2L .0110(c) Former Burlington Industries Site/ First Union Plaza Durham, North Carolina Groundwater Incident No. 20604 Site Ranking - 30E

Dear Mr. Garlick:

On December 13, 2000, the Director of the NCDENR Water Quality Division approved a Corrective Action Plan (CAP) to remediate soil and groundwater contamination at the former Burlington Industries facility in Durham, NC. The CAP was approved pursuant to the requirements of 15A NCAC 2L .0106(1) using natural attenuation processes. The CAP approval letter specified a schedule for the completion of compliance monitoring groundwater sampling and analyses. The groundwater monitoring schedule was specified to be semi-annual for the second and third years of CAP implementation. During this time, groundwater monitoring was to be conducted in January and July, and the results were to be reported by the end of February and August, respectively.

On December 3, 2002, the Groundwater Section notified you by certified letter that we had no record of the July, 2002 CAP groundwater monitoring sampling event. The December 3, 2002 letter indicated then that you may be in violation of 15A NCAC 2L .0106(c)(4) for failure to implement an approved CAP. The Groundwater Section subsequently received the results of the July, 2002 groundwater monitoring sampling event.



1628 Mail Service Center

Mr. Mike Garlick 4/16/04 Page 2 of 2

On May 7, 2003, you received a Notice of Violation (NOV) from the Groundwater Section, which informed you that Burlington Industries, Inc. was in violation of 15A NCAC 2L .0106(c)(4) and 15A NCAC 2L .0110(c) for failure to submit required January, 2003 groundwater monitoring data. On May 28, 2003, you sent a certified letter to Mr. Rick Bolich of the Groundwater Section confirming that the January, 2003 sampling event had not occurred and did not need to be rescheduled. The May 28, 2003 letter was sent to Mr. Bolich in response to a telephone conversation in which Mr. Bolich had indicated that due to the length of time that had elapsed between the required groundwater monitoring event and the date of the next required groundwater monitoring event (July, 2003), the Groundwater Section felt that collection of the late data would not provide meaningful results for which to evaluate the approved CAP.

The Groundwater Section has not received a report containing the results of the January, 2004 semi-annual CAP groundwater monitoring sampling and analyses specified in the approved CAP. Therefore, you are in violation of 15A NCAC 2L .0106(c)(4) for failure to implement an approved corrective action plan for restoration of groundwater quality in accordance with a schedule established by the Director, or his designee and you are also in violation of 15A NCAC 2L .0110(c) for failure to conduct and report required monitoring.

The Groundwater Section acknowledges receipt of the March 29, 2004 letter from Mr. Harold Vaden of Burlington Industries in which Mr. Vaden requests a reduction in the compliance monitoring sampling frequency for the subject facility. The Groundwater Section rejects this request and will not consider any further reduction in compliance monitoring for this facility until you are in compliance with the conditions of the approved CAP.

Your January, 2004 CAP monitoring report must be submitted to the Raleigh Regional Office for review on or before May 31, 2003. Failure to submit the required reports or failure to expeditiously eliminate the contaminant source and restore groundwater quality in the affected area may result in the recommendation of enforcement action. Fines may be imposed under NCGS 143-215.6A(a)(1) of not more than \$10,000 per violation of any classification, standard, limitation or management practice established pursuant to G.S. 143-214.1. Additional action may include the issuance of a special order against you under the authority of G.S. 143-215.2; or a request to the Attorney General to institute an action for injunctive relief. If any failure to act is continuous, penalties may be assessed not to exceed a maximum penalty of \$10,000 per day per violation under NCGS 143-215.6A(b) so long as the violation continues. Mr. Mike Garlick 4/16/04 Page 2 of 2

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We request that you respond to this notice within fifteen (15) working days after its receipt. In your response, please confirm your intent to comply with the above requirements by specifying the actions you plan to undertake to correct the violations and by submitting a proposed schedule for accomplishing these actions.

Should you have any questions, please contact me at (919) 571-4700.

Sincerely, Zimmerman, L.G.

S. Jay Zimmerman, L.G. Environmental Regional Supervisor Raleigh Regional Office

cc: Arthur Mouberry

Durham Co. Health Dept. Mr. Harold Vaden; Burlington Industries, Inc.; P.O. Box 21207; Burlington, NC 27420 Mr. Terry Sanford Jr.; SEHED Development Corp.; 2200 West Main St; Durham, NC 27705

BII LIQUIDATION REAL ESTATE LLC

Executive Offices P.O. Box 21207 Greensboro, North Carolina 27420

May 20, 2004

CERTIFIED MAIL AND VIA FACSIMILE

Mr. Rick Bolick NCDENR Groundwater Section – Raleigh Regional Office 1628 Mail Service Center Raleigh, NC 27699-1628 Facsimile: 919-571-4718

Reference: Former Burlington Industries Textile Mill (First Union Plaza) 2200 West Main Street, Durham, North Carolina Groundwater Incident No.: 20604

Dear Mr. Bolick:

We acknowledge receipt of Mr. S. J. Zimmerman's letter dated April 16, 2004 and wish to advise that Burlington has taken steps to resume immediately semi-annual CAP groundwater monitoring and analysis.

Burlington filed bankruptcy in November, 2001 and a new company emerged in November, 2003. The new company, Burlington LLC did not assume any liability for sold and vacant properties. BII Distribution Trust will continue to be responsible for sold and vacant properties.

Per this letter, we are requesting, due to the many changes which have occurred with six months relative to the emergence from bankruptcy, the opportunity to comply with the CAP as written. We will continue the semi-annual monitoring, sampling and analysis as specified in the approved CAP.

Your consideration for this request will be greatly appreciated. All further communications relative to this site should be to my attention.

Sincerely,

BII LIQUIDATION REAL ESTATE LLC

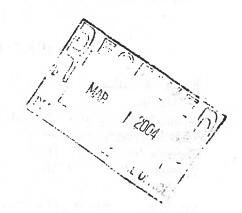
Harold Vaden Real Estate Manager

cc: John J. Ray III, Trustee, BII Distribution Trust Tom Proctor, Mid-Atlantic Associates, Raleigh, NC

BURLINGTON INDUSTRIES, INC.

Executive Offices P.O. Box 21207 Greensboro, North Carolina 27420

March 29, 2004



Mr. Rick Bolich NCDENR Groundwater Section – Raleigh Regional Office 1628 Mail Service Center Raleigh, NC 27699-1628

Subject: Request for Reduced Sampling Frequency Former Burlington Industries Textile Mill (First Union Plaza) 2200 West Main Street, Durham, NC Groundwater Incident No.: 20604

CERTIFIED MAIL

Dear Mr. Bolich:

In accordance with the Corrective Action Plan for the above site, Burlington Industries, Inc. hereby requests that the groundwater sampling frequency at the site be changed from semiannually to annually, effective immediately. This request is based upon recent sampling results, which generally indicate stable or decreasing trends in groundwater contaminant concentrations.

If you have any questions, please contact me at 336-379-2046.

Sincerely,

BURLINGTON INDUSTRIES, INC.

Harold Vaden

cc: Ms. Lisa J. Dixon Kilpatrick Stockton LLP Suite 400, 3737 Glenwood Avenue Raleigh, NC 27612

Mike Garlick, Burlington Industries LLC



April 18, 2003

Mr. Rick Bolich, L.G. NCDENR, Division of Water Quality Groundwater Section Raleigh Regional Office 1636 Mail Service Center Raleigh, North Carolina 27699-1636



03 MPR 21 PH 3:

Subject:

Request to Decrease Frequency of Groundwater Monitoring Former Burlington Industries Textile Mill Durham, North Carolina Incident No. 20604 MACTEC Job No. 30741-8-3071

Dear Mr. Bolich:

On behalf of Erwin Square Office Tower I Limited Partnership, MACTEC Engineering and Consulting of Georgia, Inc. (MACTEC) respectfully submits this request to reduce the frequency of groundwater monitoring from semi-annually to annually at the above-referenced site. This letter will discuss the current quality of site groundwater as determined from the August 2002 sampling data, the presence of potential receptors for site groundwater, and the contaminant-migration rates calculated in our Comprehensive Site Assessment Report (CSA), dated April 29, 1999.

Background Information

We conducted a detailed investigation of the site as part of our CSA. During the CSA, we identified 1,1-dichloroethene (1,1-DCE) as the primary groundwater contaminant at the site. We did not identify potential receptors for contaminated groundwater within 1,500 feet of the site. As part of the CSA, we conducted in-situ hydraulic conductivity tests at selected well locations and used the resulting data to calculate an average groundwater flow velocity of 0.01 feet/day, or approximately 4 feet per year. We also calculated the contaminant migration rate for 1,1-DCE to be 0.001 feet per day, or approximately 0.37 feet per year. Based on this relatively slow contaminant migration rate and the lack of potential receptors for site groundwater, we submitted a Corrective Action Plan, dated February 29, 2000, recommending natural attenuation as our preferred remedial method for contaminated groundwater. The Raleigh Regional Office of NCDENR, Division of Water Quality (DWQ), approved the CAP and requested the initiation of a monitoring program for site groundwater. We implemented the requested monitoring program in January 2001.

MACTEC Engineering and Consulting, Inc. 3301 Atlantic Avenue • Baleigh, NC 27604 919-876-0416 • Fax: 919-831-8136 Mr. Mike Garlick 12/3/02 Page 2 of 2

Please provide the groundwater monitoring report for the July, 2002 semi-annual sampling event to the Groundwater Section's Raleigh Regional Office by December 20, 2002. If you do not provide the required information, you may be in violation of 15A NCAC 2L .0106(c)(4) for failure to implement an approved Corrective Action Plan.

If you have any questions or require additional information, please call me or Mr. Jay Zimmerman in the Raleigh Regional Office at (919) 571-4700.

Sincerely,

Rick Bolich, L.G.

Hydrogeologist

CC:

RRO Files Mr. Will Grimes, L.G.; MACTEC, Inc.; 3301 Atlantic Ave.; Raleigh, NC 27604 Mr. Terry Sanford Jr.; SEHED Development Corp.; 2200 West Main St; Durham, NC 27705

Na milanan'i Alekan kengangan dikeran kenala di kana dalam kenala di kana dalam di kana dalam di kenala di kena



May 30, 2003

Mr. Terry Sanford, Jr. Erwin Square Office Tower I Limited Partnership 2200 West Main Street Durham, North Carolina 27705

Subject: Year 2003, 1st Semi-Annual Groundwater Monitoring Report Former Burlington Industries Textile Mill Durham, North Carolina MACTEC Job No. 30741-8-3071

Dear Mr. Sanford:

MACTEC Engineering and Consulting of Georgia, Inc. (MACTEC), formerly known as Law Engineering and Environmental Services (LAW), is pleased to submit this report which documents our 1st semi-annual groundwater-monitoring activities at the subject site for 2003. The purpose of our services is to meet regulatory requirements applicable to the monitoring program that has been established for the site and to document current groundwater-quality conditions at the site. The format of this report is consistent with that recommended in the North Carolina Division of Water Quality (DWQ) document entitled "Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater", dated July 2000 (the Guidelines).

This report is intended for the exclusive use of Erwin Square Office Tower I Limited Partnership. The contents should not be relied upon by other parties without the expressed, written consent of MACTEC. This report includes data collected and presented by LAW/MACTEC for the years 1996 through 2003. Site information and data prior to 1996 was produced by other consultants.

MACTEC appreciates the opportunity to continue to provide services to Burlington Industries, Inc. on this project. Should you have any questions, please contact us at (919) 876-0416.

Sincerely,

MACTEC Engineering and Consulting of Georgia, Inc.

ann. P.E.

Jeffrey A. Mann, P.E. Semor Engineer

Richard A. Kell

Richard A. Kolb, L.G. Principal Geologist

Attachment: Report



YEAR 2003, 1st SEMI-ANNUAL GROUNDWATER MONITORING REPORT FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA

	Coordinates:
Latitude:	N 36 degrees, 0.499 minutes
Longitude:	W 78 degrees, 55.544 minutes

May 30, 2003

Site Priority Ranking: E

Prepared for: Erwin Square Office Tower I Limited Partnership; 2200 West Main Street; Durham, North Carolina 27705

Responsible Party: Burlington Industries, Inc; P.O. Box 21207; Greensboro, NC 2742; Attention: Mike Garlick, P.E. (336) 379-2289

Property Owners: Erwin Square Office Tower I Limited Partnership; 2200 West Main Street; Durham, North Carolina 27705; Attention: Terry Sanford, Jr. (919) 286-3321

> Aquiport Erwin Square, Inc. c/o Clarion Partners; 335 Madison Avenue; New York, New York 10017; Attention: Peter Petron (212) 883-2561

> > **Release Information:**

Groundwater Incident Number: 20604	
Discovery Dates: January 1997	
Estimated Quantity: Unknown.	
Cause of Releases: UST release/inciden	tal spillage of waste oil/parts cleaning agents

Consultant: Raleigh, North Carolina 27604 MACTEC Engineering and Consulting of Georgia, Inc. Richard A. Foll Richard A. Kolb, L.G. Mann, P.E. Principal Geologist Senior Engineer G Job No. 30741-8-3071

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- 2 Groundwater Elevations
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- 5 Monitoring Well Construction Information Summary

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- 2 Historical Site Map
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APPENDICES

- A Laboratory Test Reports
- B Historical Analytical Data and Graphs of Contaminant Concentration Versus Time by Well Location
- C Historical Drawings: 1,1 D

1,1 DCE Isoconcentration Maps Hydrogeologic Cross-Sections

- D Historical Groundwater Contour Maps
- E Monitoring Well Sampling Worksheets

TABLES

TABLE 1 (PAGE 1 OF 2)

SUMMARY OF LABORATORY TEST RESULTS YEAR 2003, 1st SEMI-ANNUAL SAMPLING EVENT FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA MACTEC JOB NO. 30741-8-3071

				G	roundwater S	ample Locati	on				2L
Compound	MW-1	MW-1D	MW-2	MW-2D duplicate of MW-2	MW-3	MW-4	MW-5	MW-5D duplicate of MW-5	MW-6	MW-7	Standard
Purgeable Halocarbons (EP.	A Method 601)		-	24-40			-				
1,1 Dichloroethene	140	12	39		7.4	85	I			20	7
1,1 Dichloroethane	16		7.6		1.6	9.8				2.8	700
Chloroform	đ.		2					r tu e de stat	afin sam		0.00019
1,2 Dichlorobenzene					2.3	faces in set	="				620
Trichlorofluoromethane	11	-	1.5			2.3			63		2100
SVOCs (EPA Method 625)											
No compounds detected		-	9. C. 3506	1				-	-	-	NA

Abbreviations and Notes:

All concentrations are in µg/L.

Blank Space - Not Detected at or above the method detection limit

- Groundwater not analyzed by this method at particular location.

Bold - Concentration exceeds 2L Standard

Prepared by Asy Checked by Wy Date 5/30/03 Date 5/20/03

			Т	ABLE 1 (PAC	GE 2 OF 2)					
		YEA	R 2003, 1 st ER BURLI DURI	SEMI-ANNU NGTON IND HAM, NORT	FORY TEST I AL SAMPLII USTRIES TE H CAROLIN 0. 30741-8-307	NG EVENT XTILE MILL A				
				Ground	water Sample	Location				2L
Compound	MW-8R	MW-8DR	MW-9	MW-10	MW-11	MW-12R	MW-13	MW-14	MW-15	Standard
VOCs (EPA Method 601)										12
1,1 Dichloroethene	250				9.1	-	1	5.3		7
1,1 Dichloroethane	26				2	-		3.2		700
Carbon tetrachloride				- 15, 15, 15	2	-		1.1-4		0.3
Chloroform					8.4	-	- A144		98-51 - 1980	0.00019
1,2 Dichlorobenzene	9.8	100 100 100				1 - 2 - 1 T T		163		620

Date 5/30/03 Date 5/30/03

Prepared by DBY Checked by _____

Abbreviations and Notes:

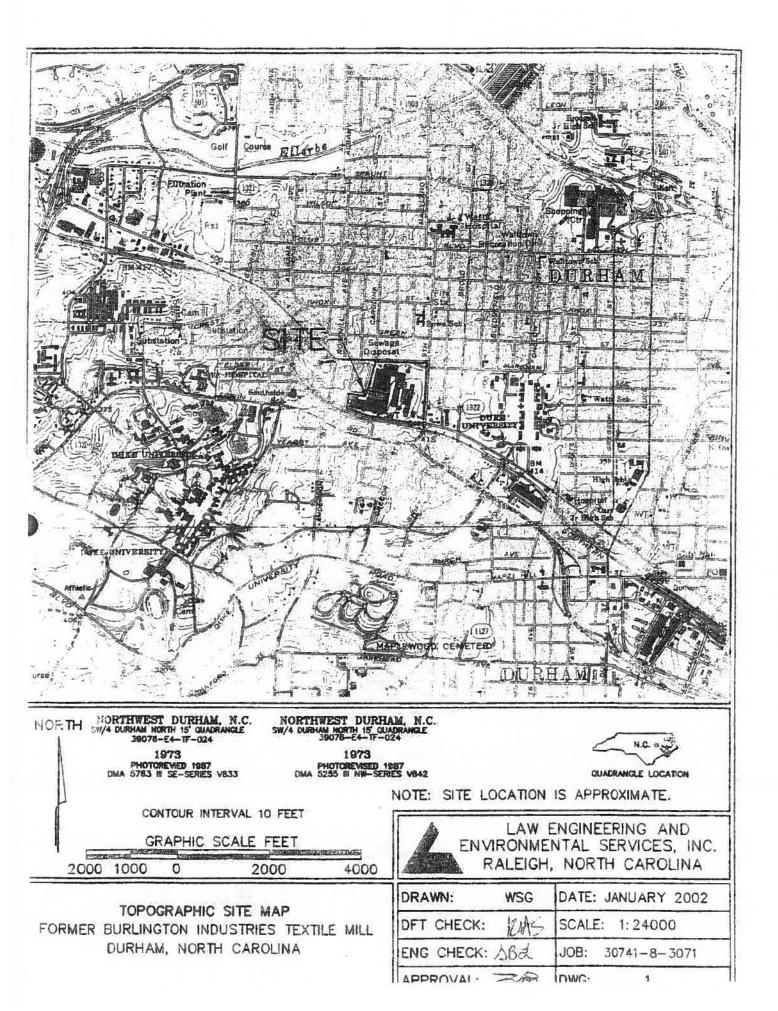
All concentrations are in µg/L.

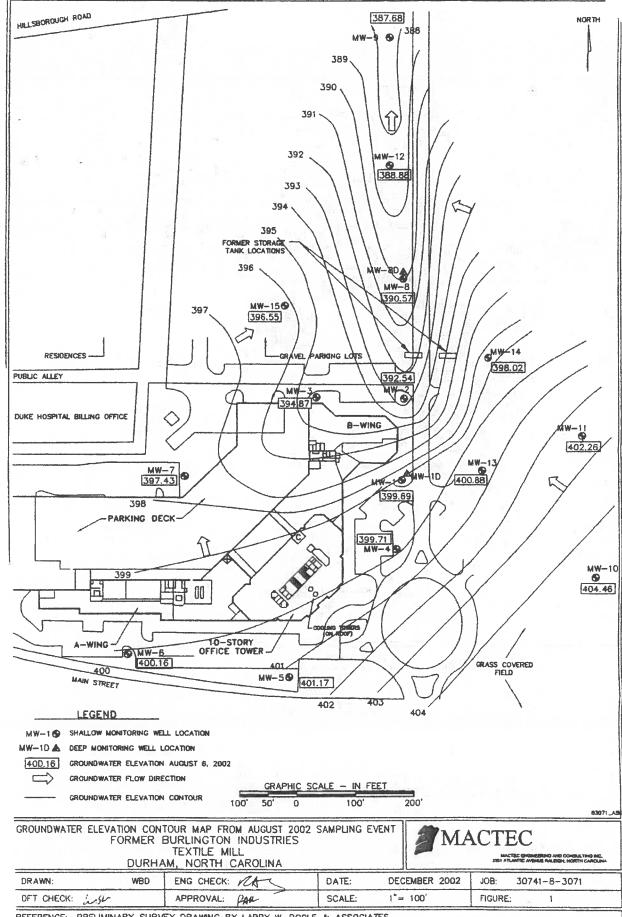
Blank Space - Not Detected at or above the Practical Quantitation Limit

- Groundwater not sampled at particular location

Bold - Concentration exceeds 2L Standard

Sample analysis for SVOCs is not required for these well locations.





REFERENCE: PRELIMINARY SURVEY DRAWING BY LARRY W. POOLE & ASSOCIATES

TABLE 1 (PAGE 1 OF 2) **GROUNDWATER SAMPLE ANALYSIS RESULTS** AUGUST 2002, 2nd SEMI-ANNUAL SAMPLING EVENT FORMER BURLINGTON INDUSTRIES TEXTILE MILL **DURHAM, NORTH CAROLINA** MACTEC JOB NO. 30741-8-3071 2L **Groundwater Sample Location** MW-6 Standard MW-5D **MW-7** MW-2D **MW-3 MW-4 MW-5 MW-1** MW-1D **MW-2** Compound duplicate duplicate of MW-5 of MW-2 Purgeable Halocarbons (EPA Method 601) 7 18 88 47 5.5 52 1.1-Dichloroethene 160 -700 3.1 9.8 12 14 6.8 1.1-Dichloroethane -50 12 -00 Chlorobenzene 0.00019 Chloroform 1 1 -620 140 1,2-Dichlorobenzene -620 1.6 1.3-Dichlorobenzene . 75 8.8 1.4-Dichlorobenzene -2100 4.9 4.5 1.3 2.5

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.....

-

Abbreviations and Notes:

Trichlorofluoromethane SVOCs (EPA Method 625)

No compounds detected

All concentrations are in µg/L.

25

Blank Space - Not Detected at or above the method detection limit

-

- Groundwater not analyzed by this method at particular location.

Bold - Concentration exceeds North Carolina groundwater 2L Standard

Prepared by $\underline{\mathcal{M}}$ Checked by $\underline{\mathcal{A}}$

-

Date 4/1863 Date 4/18/03

_

NA

		41	JGUST 200 RMER BU	WATER SA 22, 2 ND SEM JRLINGTO JURHAM, N	I (PAGE 2 O MPLE ANA I-ANNUAL S N INDUSTR IORTH CAR OB NO. 3074	LYSIS RES SAMPLING IES TEXTII ROLINA	EVENT	oordenstaan Be Sennel – E. B			
	- <u>T</u>				oundwater S		tion	tana ang ang ang ang ang ang ang ang ang			2L
Compound	MW-8	MW-8D	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	TRIP BLANK	Standard
Purgeable Halocarbons (E	PA Method 6	01)		3			in un territore de	· · · · · · · · · · · · · · · · · · ·	0.0	1	7
1,1-Dichloroethene	240				4.7	2.5	Conten - Louis	4.4	2.8		700
1,1-Dichloroethane	28		1		1.6			2.1			0.3
Carbon tetrachloride		9			1.6						And the second s
	4.6		1.15		1 15	1.12					50
Chlorobenzene	4.0		112		6.8						.00019
Chloroform							1 ••	asteriore a			620
1,2-Dichlorobenzene	14			11			1111-112 - EEG				
1,4-Dichlorobenzene	1.2	1			+		1.2	2			2100
Trichlorofluoromethane	1.8			T RECENTION OF A	1	1	1 1.40				

Abbreviations and Notes:

All concentrations are in µg/L.

Blank Space - Not Detected at or above the Practical Quantitation Limit - Groundwater not sampled at particular location

Bold – Concentration exceeds North Carolina groundwater 2L Standard Sample analysis for SVOCs is not required for these well locations. Prepared by <u>usb</u> Date Checked by <u>Date</u>

Date 4/14/03 Date 4/18/03



HAND DELIVERY

November 12, 1999

Mr. Eric Rice Hydrogeologist

North Carolina Department of Environment and Natural Resources Division of Water Quality Groundwater Section Raleigh Regional Office 3800 Barrett Drive, Suite 101 Raleigh, North Carolina 27609

> Additional Activities Burlington Industries (Former) West Main Street Durham, Durham County Law Project No. 30741-8-3071

Dear Mr. Rice:

Subject:

In response to our meeting on October 28, 1999 and subsequent conversation with Mr. Jay Zimmerman of your office, Burlington Industries, Inc. (Burlington) and Law Engineering and Environmental Services, Inc. (Law) have agreed to conduct the following additional activities regarding the subject site. The activities are described with respect to the item numbers in your September 21, 1999 letter and in our September 27, 1999 response to that letter.

- 1. Law will resample monitoring wells MW-1, -1D, -2, -3, -4, -7, -8, -11, -12, and -13, and will test the samples for volatile organic compounds according to Standard Method 6230D. We will also test samples from monitoring wells MW-1, -1D, -2, and -8 for semi-volatile organic compounds (plus ten-largest non-target peaks identified) according to Standard Method 625. Should semi-volatile organic compounds be detected at concentrations above their respective North Carolina Groundwater Standards in one or more of those samples, we will also collect groundwater samples from monitoring wells MW-3, -4 and -13 and test the samples for semi-volatile organic compounds. Additionally, we will test samples from well MW-1, and background well MW-5 for RCRA metals using Standard Method 3030C sample preparation and Standard Method 6010B and 7471 analyses.
- 2. Law will install two additional shallow monitoring wells and one additional deep monitoring well. One of the shallow wells will be installed in the area northwest of well MW-11 and north of well MW-13, and the other shallow well will be installed northwest of well MW-3, equidistant between wells MW-7 and MW-12. The deep monitoring well will be installed within 10 feet of well MW-8. We understand that these wells may be installed under existing Well Construction Permit Nos. WM0500419 and WM0500442 dated April 20, 1998 and January 22, 1999, respectively. Groundwater samples will be collected from the new monitoring wells and tested for volatile organic compounds using Standard Method 6230D.

- 3. It is our understanding that the information regarding past soil assessment and remediation that we submitted to you during our October 28 meeting sufficiently addressed your concerns.
- 4. Law will advance four Geoprobe[™] borings in the vicinity of monitoring wells MW-1and MW-1D to determine the presence or absence of soil contamination in that area. One of the borings will be located between the two monitoring wells. The remaining three borings will be located 15 to 20 feet from the well pair in a triangular pattern. Each boring will be advanced to a depth of 10 feet or until refusal, whichever is encountered first. Soil samples from each two-foot interval within the borings will be screened for the presence of organic vapors using either a photoionization detector (PID) or a flame ionization detector (FID). One soil sample from each boring will be submitted for laboratory analysis. Results of PID/FID screening will be used to determine the type(s) of laboratory analysis that will be conducted as described below.

If none of the soil samples from a given boring exhibits a PID/FID response of greater than 10 parts per million (ppm), then the sample that exhibits the highest response, or the deepest sample from the boring in the case of no instrument response, will be submitted for analysis of volatile organic compounds by EPA Method 8260. If PID/FID responses of greater than 10 ppm are noted for samples from a given boring, then the sample exhibiting the highest response from that boring will be submitted for analysis of volatile and semi-volatile organic compounds by EPA Methods 8260 and 8270, respectively, PCBs by EPA Method 8082, and RCRA Metals by EPA Methods 6010B and 7470A.

Following completion of field activities and receipt of laboratory analysis results, Law will prepare a Corrective Action Plan (CAP) in a format consistent with that recommended in the *Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater, Volume I*, dated May 1998. The CAP will include a summary of the additional information derived from the above activities, and our recommended corrective action strategy for the site.

Burlington and Law are prepared to begin work on the additional activities in the next two to three weeks. As Mr. Zimmerman indicated during our conversation, the scope of additional activities described above is considered approved by DWQ, unless we hear otherwise from you in the next fourteen calendar days. We will submit the CAP on or before February 26, 2000, provided we do not encounter circumstances that would cause unanticipated delays. Please contact Brian Bellis of Law (831-8031) or Jim Wright of Burlington (336-379-2289) if you have any questions.

Sincerely,

Law Engineering and Environmental Services, Inc.

EE'C

Brian J. Bellis, L.G. Principal Hydrogeologist

cc: Mr. Jim Wright, Burlington Industries, Inc. Mr. Jay Zimmerman, DENR Groundwater Section Mr. Terry Sanford Jr., SEHED Development Corporation

Incident # Tabulate only	TYPE OF ACTION	Division of Environm	NDWATER SECTIO
1. Emergency response 2. Compliance investigation	3) Complaint investigation	5. Re-evaluation 6. Other :	
POTENTIAL HAZARDS : 1. TO	4. Houring in a second		
	Street Region Relaion	DEM Regional Conta J.P. Ne Zon	
Neme Tom Moo Company/Agency Burlington T	ndustries	5 Jan 87	Time 1445ES Telephone 919-286-379 Mcounterec
Briefly Describe incident Fontaminate during an	d earth nater		
Briefly Describe incident Eontaminate C during an REPORTED BY: (1. Ref	old gaboline tan	k remarked	•

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		ident # i OLLONON unty:	OLLUTANTS INVOL	VED	
ۍ ۲	E	MATERIALS INVOLVED gaboline (leaded?)	AMOUNT STORED	AMOUNT LOST	AMOUNT RECOVERED

IMPACT ON SURFACE WATERS

	WATERS EFFECTED 1. Yes C2	No No 3. Potentially	Distance to Stream (ft)	Amount in Water (gal)
F	FISH KILL: 1. Yes 2. No	Name of Stream	•	Stream Class

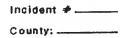
RISK ASSESSMENT

lise these Codes: High = 3	Moderate =2	Low =1	None =0	
Resource Threat Vertical Migration of Contaminant		Amount Infiltrating Land		
Horizontal Migration of Contaminant Areal Extent of Contamination Probability of Violations	3	SURF	ACE WATER	AIR
Remedial Action Priority Potential Hazard of Substance	<u>, 1</u>	5		
Threat to Drinking Water Seriousness of Threat Overall Regional Concern	1			

POTENTIAL SOURCE OF POLLUTION

н	SOURCE OF POTENTIAL 1. Intentional dump 2. Pit, pond, lagoon 3. Leakunderground 4. Spray irrigation 5. Land application 6. Animal feedlot 7. Source unknown	POLLUTION 9. Sewer line 10. Stockpile 11. Landfili 12. Spilisurface 13. Well 14. Dredge Spoli 15. Nonpoint source		LOCATION 1. Facility 2. Railroad 3. Waterway 4. Pipeline 5. Dumpsite 6. Highway 7. Residence 8. Other	SETTING 1. Residential 2. Industrial 3. Urban 4. Rural
	8. Septic tank MULTIPLE SOURCES AT SITE: 1. Yes (2) No		8. Solid weste leachate 9. Metais 10. Other inorganics 11. Other organics	POLLUTION CONFIRMED 1. Yes 2. No	

POLLUTION INCIDENT REPORTING FORM



2

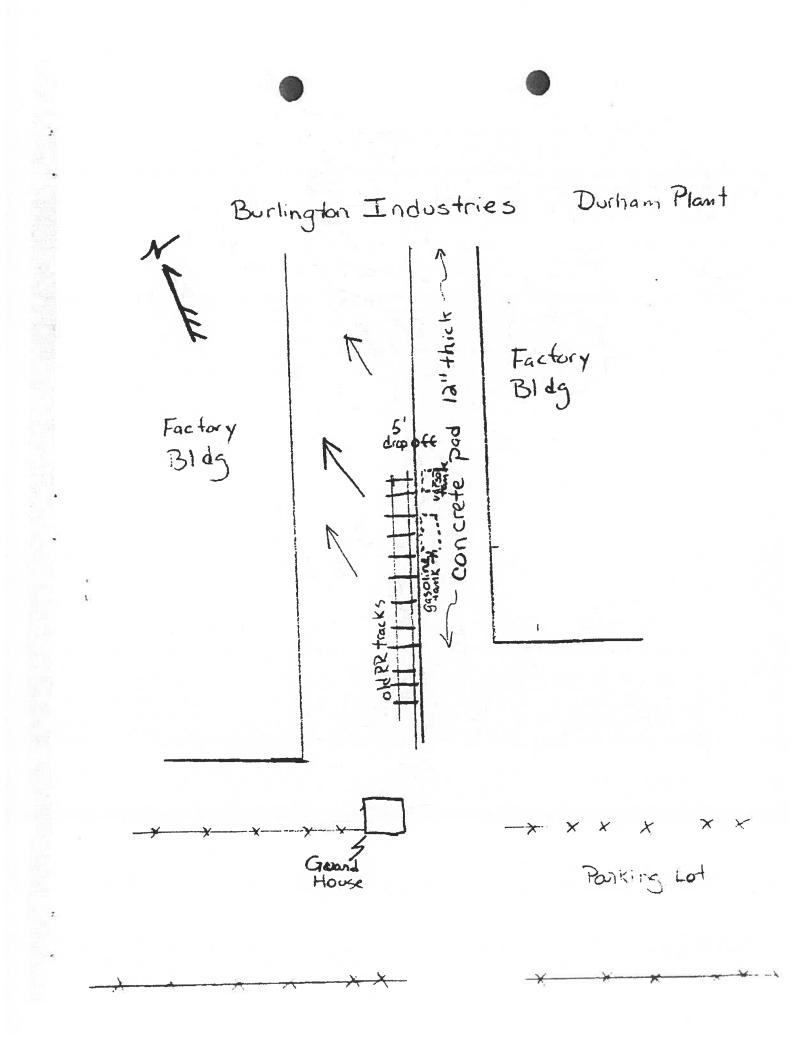
RESPONSIBLE PARTY

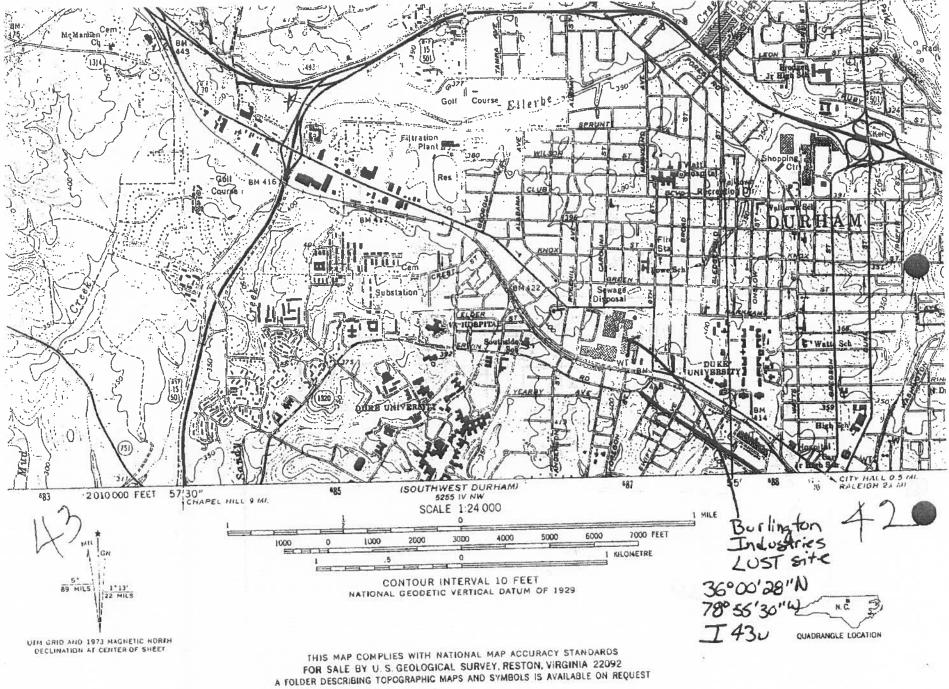
Responsible Party/Names Jack Garrise	n Enviro	nmental En	gineer	Telephone 919-379-2563	
Company Burlington In		hills and the	POBOX 21207		
City O Greensbord		County	State NC	Zip Code 27420	
REASON FOR INCIDENT 1. Transportation Accident	SOURCE IN USE	PERMIT TYPE	OWNERSHIP	OPERATION TYPE	
Mechanical tallure	2. NO SOURCE PERMITTED		1. Municipal	1. Public Service	
3, Facility design 4, inventory only	2. NO PERMIT NUMBER	2. Oli terminal 3. Landfill	2. Military 3. Unknown	2. Agricultural 3. Other Source	
6. Human error 6. Vandalism	SOURCE ON ERRIS LIST	4. Mining	Private	4. Educational	
7, Unknown	1. Yes 2. No ERRIS NUMBER	5. NPDES 6. RCRA 7. Air	5. Federal 6. County 7. State	(5.)Industrial 6. Commercial 7. Mining	

ACTIONS TAKEN

Containment, Cleanup, etc. 5.Jon 87 PRO received report? m Nesta He met w Scame on 14 100 Manager wap 22 Q0 m PW inta 000 20170 being moner DRACODD 0000 00 th aco. ean mator in. interel; am De 10 en vole Pot Field 1Salac D 0 Nearest Populated Buildings--Type and Distance OF Precipition/Weather Data cho

County		LOCATIO	N OF INCID		- Course	
W.	ss, Road	St .	Essen i Statio	Durham	Durha	
ate Incident	Occurred	Time incident Occurred	7 1/2 Q North	west Durhoun	Lat. : Deg: Mi 36° CO'28 Long. : Deg: M	
0		Draw S	ketch of Are	a	78°55'	30"10
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incident # ____ County: ----

COASTAL PLAIN REGION

1. Middle Coastal Plain

6. Organic Soil

8. Outer Banks

Soll

1. high

3 low

2. Upper Coastal Plain/Piedmont

9. Large River Valleys/Flood Plain

Water table gradient: _____%

To nearest stream: _____%

OBSERVED AVERAGE GRADIENTS

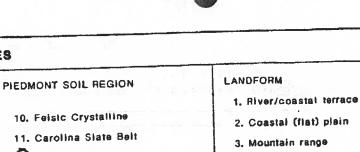
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POLLUTION INCIDENT REPORTING FORM

SOIL TYPES



4. Sandhills

5. Swamp

6. Linear (valley) stope

7. Head slope (concave)

8. Nose slope (convex)

9. Fool slope

10. Barrier Island 11. Barrier system

12. Beach ridge

13. Tidal marsh

14. Floodplain

15. Upland: 0-5% slope (Interstream divide)

AQUIFER USE

(1.)Littie or no use

2. Moderate uses

f1.

3. Heavily used

dense

- 12. Triassic Basin 3. Sandhills 13. Mixed Felsic and Mafic 4. Lower Coastal/Wicomico, Talbot 5. Lower Coastal Plain/Pamlico MOUNTAIN SOIL REGION
- 14. Low and Intermediate Mountain 7. Brackish and Freshwater Marsh
 - 15. Basins/Terraces/Flood Plain
 - 16. High Mountain

ESTIMATED DEPTHS

To nearest water supply: _____% To uppermost confining bed: _____ it.

To water table: _____ ft.

To bedrock: _____ ft.

1. high

3. Iow

2. medlum

Stream gradient: ESTIMATE HYDRAULIC CONDUCTIVITIES

Upper confined aquiter Water Table Unsaturated zone 1. high 1. high

2. medium 2. medium 2. medium (3)10W (3) low (A) unknown 4. unknowň unknown 4. unknown DISTANCE TO NEAREST BUILDING: 70

.tt. DISTANCE TO NEAREST WATER SUPPLY:

Describe general lithology of soil and unsaturated zone Excavated motorial was G

Provide map showing: 1. Pollutant source

2. Threatened water supplies

3. Direction of overland flow

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NOV DODICA North Carolina Divis on of Environmental Management NOTICE OF VIOLATION OF G.S. 143-215.1 G.S. 143-215.108 KG.S. 143-215.75; et seq. G.S. 87-83, et seq. G.S. TO: Mr Planten (rreins (Name of Violator) City/Coun YOU ARE HEREBY NOTIFIED that the undersigned representative of the North Carolina Division of Environmental Management observed a violation of North Carolina Environmental Pollution Control Laws at: Burlington Tradustries Tre Durham Plant W. Man Dunham (Location of Violation) on or before 645EST 05 JAN The following facts establish a violation: A hale in ant -of-service gaboline Subsuitace mater i Cri · in d charge ACCUSED ON · Frack waters You are required to cease the unlawful activity immediately. The following corrective actions must be taken: Remove all contaminated parth with hydrocan bon consentration greater Them 10mg/kg asindicated by Lie damlinis Dolermine extent of free floating tradiet on water table (famp) - and idate quine antert of discolved product lived product oundwater Eifany) A written response must be filed with the Regional Office at the address below on or before 25 Textuony 1987 NOTICE is given that this and any further violations may result in enforcement actions, including civil penalties. Grooh P Yloston (Date) (Representative's Signature) I, Joseph P. Nestor , hereby certify that I have personally served a copy of this Notice on: Mr. 7. Nore Dusham at (Name) (Location) on OS January :19Ö 7 . (Signature) Regional Office Address:



North Carolina Department of Human Resources Division of Health Services P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor David T. Flaherty, Secretary

July 30, 1987

Ronald H. Levine, M.D., M.P.H. State Health Director

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Jack Garrison Senior Environmental Engineer Burlington Industries, Inc. 3330 West Friendly Avenue P.O. Box 21207 Greensboro, North Carolina 27420

Re: Compliance Order with Administrative Penalty Burlington Industries, Inc., Durham, North Carolina

Dear Mr. Garrison:

Enclosed is a Compliance Order with Administrative Penalty issued to Burlington Industries, Inc., for certain violations of the North Carolina Solid Waste Management Act, N.C.G.S. 130A, Article 9, (Act) and North Carolina Hazardous Waste Management Rules, 10 NCAC 10F, (Rules). The Compliance Order with Administrative Penalty describes both the violations and the actions required for compliance, at your facility, with the Act and Rules.

Pursuant to N.C.G.S. 130A-22(a) an administrative penalty of \$1,500.00 is imposed in the Compliance Order with Administrative Penalty. You may appeal this Compliance Order with Administrative Penalty by submitting a written petition for an administrative bearing to the Office of Administrative Hearings, P.O. Drawer 11666, Raleigh, North Carolina 27604, and by sending a copy of the petition to Betty Turner, Agent, Department of Human Resources, 325 N. Salisbury Street, Raleigh, North Carolina 27601, within 30 days of the receipt of the Compliance Order with Administrative Penalty. The petition must be in accordance with N.C.G.S. 150B-23(e) and 10 NCAC 10G .0704.

If no administrative hearing is requested, the administrative penalty must be paid by Burlington Industries, Inc., within 60 days by check or money order, payable to the Division of Health Services, and mailed to William L. Meyer, Head, Solid and Hazardous Waste Management Branch, Division of Health Services, P.O. Box 2091, Raleigh, North Carolina 27602.

North Carolina Department of Human Resources Division of Health Services Solid and Hazardous Waste Management Branch

In Re:	Burlington	Industries,	Inc.)
	Durhan, Nor	th Carolina)

COMPLIANCE ORDER WITH ADMINISTRATIVE PENALTY Docket # 87-488

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PRELIMINARY STATEMENT

This Compliance Order with Administrative Penalty is issued under the North Carolina Solid Waste Management Act, N.C.G.S. 130A, Article 9, (Act) and the North Carolina Solid Waste Management Rules, 10 NCAC 10F, (Rules). Burlington Industries, Inc., is a Delaware corporation which generates hazardous waste at 2100 W. Main Street, Durham, Durham County, North Carolina. Based upon an inspection performed at Burlington Industries, Inc., the North Carolina Solid and Hazardous Waste Management Branch determined that Burlington Industries, Inc., is in violation of certain requirements of the Act and Rules as set forth in this Compliance Order with Administrative Penalty.

STATEMENTS OF FACT AND LAW

- 1. Burlington Industries, Inc., is a Delaware corporation which generates hazardous waste at 2100 W. Main Street, Durham, Durham County, North Carolina. Burlington Industries, Inc., is a person as defined in N.C.G.S. 130A-290(12) and 10 NCAC 10F .0002.
- 2. On December 18, 1980, the State of North Carolina, Solid and Hazardous Waste Management Branch (State), was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act, N.C.G.S. 130A, Article 9, and rules codified at 10 NCAC 10F. William L. Meyer, Head of the Branch, has been delegated those responsibilities.
- 3. 40 CFR Part 262, codified at 10 NCAC 10F .0030, contains standards and requirements applicable to generators of hazardous waste.
- 4. On June 15, 1987, Larry Perry, Waste Management Specialist, made an inspection of the Burlington Industries, Inc., facility and found the facility to be in violation of certain requirements contained in 40 CFR 262, codified at 10 NCAC 10F .0030. Specifically:

40 CFR 262.12(a), codified at 10 NCAC 10F .0030, states that a generator must not treat, store, dispose of, transport, or offer for transportation, hazardous waste without having received an EPA identification number from the Administrator.

Burlington Industries, Inc., is in violation of 40 CFR 262.12(a), codified at 10 NCAC 10F .0030, in that it stored and offered for transportation hazardous waste without having received an EPA identification number from the Administrator.

CIVIL PENALTY

N.C.G.S. 130A-22(a) and 10 NCAC 10G .0701 - .0707 authorizes an administrative penalty of up to \$10,000 per day for each violation of the hazardous waste provisions of the Act and Rules. The N.C. Solid Waste Management Penalty <u>Computation Procedure</u> (March 19, 1985) was used to determine the penalty. The factors considered include, but are not limited to: the nature of the violations, the potential effect on the public health and environment, the degree and extent of harm caused by the violations, the costs of rectifying any damage, the types and amount of wastes, the ease and costs of compliance and the history of noncompliance. Accordingly, a penalty of \$1,500.00 is hereby imposed.

CONDITIONS FOR CONTINUED OPERATION

Based upon the foregoing, Burlington Industries, Inc., is hereby ordered to take the following actions:

- 1. Within sixty (60) days, submit the administrative penalty, by check or money order, payable to the Division of Health Services, and mailed to William L. Meyer, Head, Solid and Hazardous Waste Management Branch, Division of Health Services, P.O. Box 2091, Raleigh, NC 27602.
- Immediately take the following action to correct all violations as stated in this Compliance Order with Administrative Penalty.

Comply with 40 CFR 262.12(a), codified at 10 NCAC 10F .0030, by not treating, storing, disposing of, transporting, or offering for transportation hazardous waste without having received an EPA identification number from the Administrator.

PCTENTIAL CONSEQUENCES OF FAILURE TO COMPLY

Burlington Industries, Inc., is hereby advised that pursuent to N.C.G.S. 130A-22 each day of continued violation of any requirement of the Act or the Rules constitutes a separate violation for which an additional penalty of up to \$10,000 per day may be imposed. If the violation(s) continue, Burlington Industries, Inc., may also be subject to further enforcement including injunction from any further treatment, storage, or disposal of hazardous waste and such further relief as may be necessary to achieve compliance with the Solid Waste Management Act and Rules.

OPPORTUNITY TO REQUEST A HEARING

Burlington Industries, Inc., has the right to request an administrative hearing to contest any matter of law, material fact, requirement, or penalty set forth in this Compliance Order with Administrative Penalty. To avoid being in default and having the penalty collected without further administrative proceedings, a written petition must be submitted within 30 days of receipt of this Compliance Order with Administrative Penalty in accordance with N.C.G.S. 150B-23(a) and 10 NCAC 10G .0704. The petition shall be verified or supported by affidavit and shall state facts tending to establish that the agency has deprived Burlington Industries, Inc., of property, has ordered Burlington Industries, Inc., to pay a fine or civil penalty, or has otherwise substantially prejudiced Burlington Industries, Inc.'s rights and that the Branch:

- 1. exceeded its authority or jurisdiction;
- 2. acted erroneously;
- 3. failed to use proper procedure;
- 4. acted arbitrarily or capriciously; or
- 5. failed to act as required by law or rule.

The petition must be submitted to the Office of Administrative Hearings, P.O. Drawer 11666, Raleigh, North Carolina 27604, in accordance with N.C.G.S. 150B-23(a), and a copy of the petition must be submitted to Betty Turner, Agent, Department of Human Resources, 325 N. Salisbury Street, Raleigh, North Carolina 27601. Requested administrative hearings will be conducted in accordance with applicable rules contained in the North Carolina Administrative Code, a copy of which is available upon request. If no hearing is requested, payment of the administrative penalty becomes due within 60 days after receipt of this notice. If a hearing is requested, payment of the administrative penalty is due within 60 days after service of a written copy of the decision. If payment is not received as required, the Secretary of Human Resources shall request the Attorney General to commence an action to recover the amount of the penalty and may also request that an injunctive action be commenced to achieve compliance pursuant to N.C.G.S. 130A-22(g).

INFORMAL CONFERENCE

Whether or not Burlington Industries, Inc., requests an administrative hearing, the Branch encourages an informal conference to discuss this matter and to give Burlington Industries, Inc., an opportunity to provide additional information, including any actions it has taken to correct the violations(s). If an informal conference is desired, please contact:

> Dr. Carol M. Schiller Branch Attorney Solid and Hazardous Waste Management Branch P.O. Box 2091, 306 N. Wilmington Street Raleigh, N.C. 27602-2091 (919) 733-2178

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DURHAM COUNTY REAL ESTATE INFORMATION AND ZONING MAP

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Account	Buildings Land Deeds	Sales	Photos	Tax Bill Map

Account Details for ERWIN SQUARE LIMITED PARTNERSHIP

Administrative Data Administrative Data 2109 HILLSBOROUGH RD **Building Location** Parcel Ref No 104053 Address 0822-17-22-3022 PIN Land Use Code 340 VACANT COMMERCIAL Land Use Desc **Improvement Detail** (1st Major Improvement on Subject Parcel) Year Built 0 **Built Use/Style Current Use** 0 * Percent Complete Heated Area (S/F) 0 0 Full Bath(s) 0 Half Bath(s) ** Bathroom(s) ** Bedroom(s) 0 N Fireplace (Y/N) N Basement (Y/N) N Attached Garage (Y/N) 000 **Multiple Improvements** * Note - As of January 1 * Note - Bathroom(s), Bedroom(s), shown for description only Improvement Valuation (1st Major Improvement on Subject Parcel) Improvement Assessed Value \$ 5.746 Q New Search Create This Property Record Card as a PDF Back to Results Print This Property Record Card

Data Disclaimer: All data shown here is from other primary data sources and is public information. Users of this data are hereby notified that the aforementioned public information sources should be consulted for verification of the information contained on this website. While efforts have been made to use the most current and accurate data, Durham County, NC and Data Providers assume no legal responsibility for the use of the information contained herein.

Please direct any questions or comments about the data displayed here to tax assessor@co.durham.nc.us

This application was developed for Durham County by NexGen Digital Document Solutions www.ustaxdata.com



New Search

Parcel Report:

Quick Information with 2005 Orthophoto

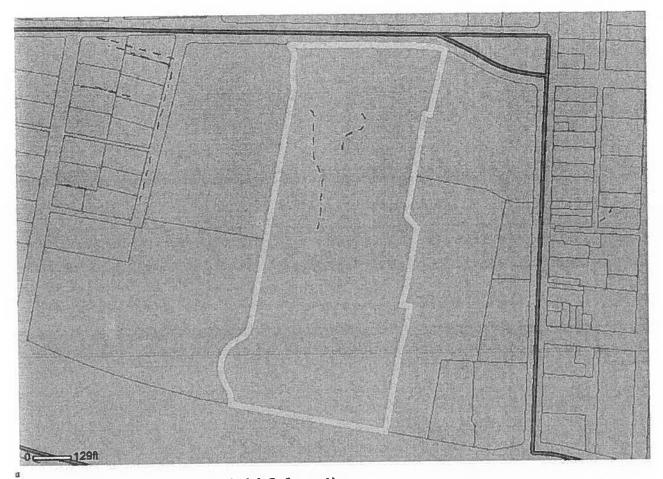
PIN Number:0822-17-22-3022 Acreage: 14.27200000 Deed Book: 001393 Plat Book: 000157 Subdivision:N/A - NO SUBDIVISION

Owner Name: ERWIN SQUARE LIMITED

Parcel ID: 104053 Land Use: VACANT COMMERCIAL Deed Page: 000682 Plat Page: 000275 Site Address: 2109 HILLSBOROUGH RD Owner Address: 2020 W MAIN ST STE 300

DURHAM , NC, 27705

City of Durham, NC Tax Parcel Report



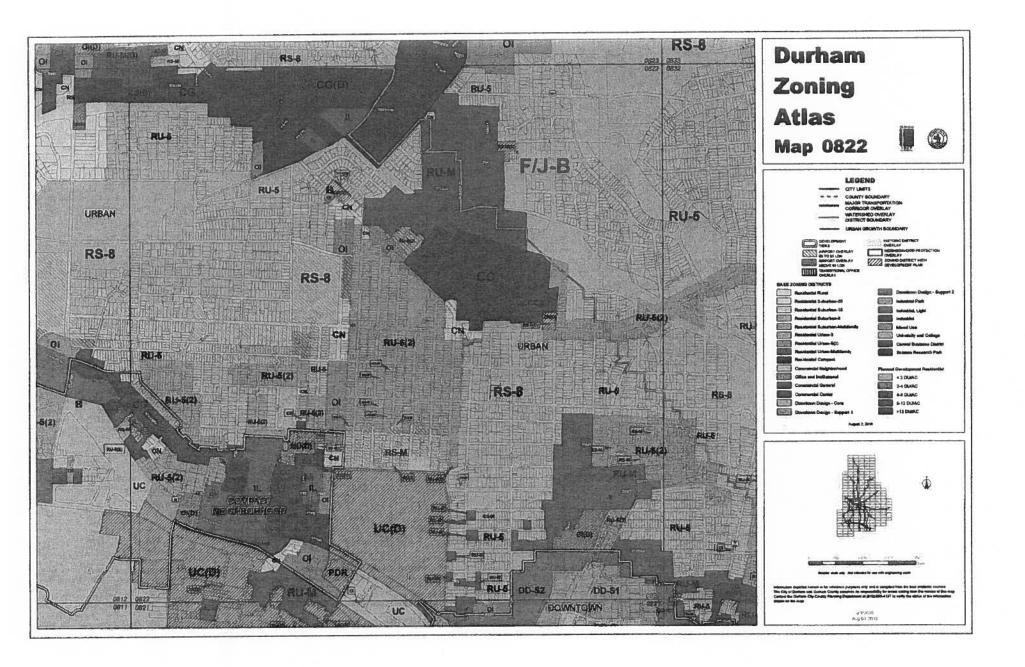
Quick Information

PIN Number: 0822-17-22-3022 Acreage: 14.27200000 Deed Book: 001393 Plat Book: 000157 Subdivision: N/A - NO SUBDIVISION

Owner Name: ERWIN SQUARE LIMITED

Parcei ID: 104053 Land Use: VACANT COMMERCIAL Deed Page: 000682 Plat Page: 000275 Site Address: 2109 HILLSBOROUGH RD Owner Address: 2020 W MAIN ST STE 300

DURHAM , NC, 27705



Mr. Mike Garlick 4/16/04 Page 3 of 3

We request that you respond to this notice within fifteen (15) working days after its receipt. In your response, please confirm your intent to comply with the above requirements by specifying the actions you plan to undertake to correct the violations and by submitting a proposed schedule for accomplishing these actions.

Should you have any questions, please contact me at (919) 571-4700.

Sincerely, and a S. Jay Zimmerman, L.G.

Environmental Regional Supervisor Raleigh Regional Office

cc: AI

Arthur Mouberry Durham Co. Health Dept.

Mr. Harold Vaden; Burlington Industries, Inc.; P.O. Box 21207; Burlington, NC 27420 Mr. Terry Sanford Jr.; SEHED Development Corp.; 2200 West Main St; Durham, NC 27705

BII LIQUIDATION REAL ESTATE LLC

Executive Offices P.O. Box 21207 Greensboro, North Carolina 27420

May 20, 2004

CERTIFIED MAIL AND VIA FACSIMILE

2200 West Main Street, Durham, North Carolina

Groundwater Incident No.: 20604

Mr. Rick Bolick NCDENR Groundwater Section - Raleigh Regional Office 1628 Mail Service Center Raleigh, NC 27699-1628 Facsimile: 919-571-4718

Reference: Former Burlington Industries Textile Mill (First Union Plaza)

Dear Mr. Bolick:

We acknowledge receipt of Mr. S. J. Zimmerman's letter dated April 16, 2004 and wish to advise that Burlington has taken steps to resume immediately semi-annual CAP groundwater monitoring and analysis.

Burlington filed bankruptcy in November, 2001 and a new company emerged in November, 2003. The new company, Burlington LLC did not assume any liability for sold and vacant properties. BII Distribution Trust will continue to be responsible for sold and vacant properties.

Per this letter, we are requesting, due to the many changes which have occurred with six months relative to the emergence from bankruptcy, the opportunity to comply with the CAP as written. We will continue the semi-annual monitoring, sampling and analysis as specified in the approved CAP.

Your consideration for this request will be greatly appreciated. All further communications relative to this site should be to my attention.

Sincerely,

BII LIQUIDATION REAL ESTATE LLC

Harold Vaden Real Estate Manager

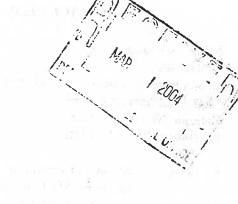
cc: John J. Ray III, Trustee, BII Distribution Trust Tom Proctor, Mid-Atlantic Associates, Raleigh, NC

BURLINGTON INDUSTRIES, INC.

Executive Offices P.O. Box 21207 Greensboro, North Carolina 27420

March 29, 2004

CERTIFIED MAIL



Mr. Rick Bolich NCDENR Groundwater Section – Raleigh Regional Office 1628 Mail Service Center Raleigh, NC 27699-1628

Subject: Request for Reduced Sampling Frequency Former Burlington Industries Textile Mill (First Union Plaza) 2200 West Main Street, Durham, NC Groundwater Incident No.: 20604

Dear Mr. Bolich:

In accordance with the Corrective Action Plan for the above site, Burlington Industries, Inc. hereby requests that the groundwater sampling frequency at the site be changed from semiannually to annually, effective immediately. This request is based upon recent sampling results, which generally indicate stable or decreasing trends in groundwater contaminant concentrations.

If you have any questions, please contact me at 336-379-2046.

Sincerely,

BURLINGTON INDUSTRIES, INC.

Harold Vaden

cc: Ms. Lisa J. Dixon Kilpatrick Stockton LLP Suite 400, 3737 Glenwood Avenue Raleigh, NC 27612

Mike Garlick, Burlington Industries LLC



April 18, 2003

Mr. Rick Bolich, L.G. NCDENR, Division of Water Quality Groundwater Section Raleigh Regional Office 1636 Mail Service Center Raleigh, North Carolina 27699-1636



03 NPR 21 PH 3: 1

Subject:

Request to Decrease Frequency of Groundwater Monitoring Former Burlington Industries Textile Mill Durham, North Carolina Incident No. 20604 MACTEC Job No. 30741-8-3071

Dear Mr. Bolich:

On behalf of Erwin Square Office Tower I Limited Partnership, MACTEC Engineering and Consulting of Georgia, Inc. (MACTEC) respectfully submits this request to reduce the frequency of groundwater monitoring from semi-annually to annually at the above-referenced site. This letter will discuss the current quality of site groundwater as determined from the August 2002 sampling data, the presence of potential receptors for site groundwater, and the contaminant-migration rates calculated in our Comprehensive Site Assessment Report (CSA), dated April 29, 1999.

Background Information

We conducted a detailed investigation of the site as part of our CSA. During the CSA, we identified 1,1-dichloroethene (1,1-DCE) as the primary groundwater contaminant at the site. We did not identify potential receptors for contaminated groundwater within 1,500 feet of the site. As part of the CSA, we conducted in-situ hydraulic conductivity tests at selected well locations and used the resulting data to calculate an average groundwater flow velocity of 0.01 feet/day, or approximately 4 feet per year. We also calculated the contaminant migration rate for 1,1-DCE to be 0.001 feet per day, or approximately 0.37 feet per year. Based on this relatively slow contaminant migration rate and the lack of potential receptors for site groundwater, we submitted a Corrective Action Plan, dated February 29, 2000, recommending natural attenuation as our preferred remedial method for contaminated groundwater. The Raleigh Regional Office of NCDENR, Division of Water Quality (DWQ), approved the CAP and requested the initiation of a monitoring program for site groundwater. We implemented the requested monitoring program in January 2001.

Mr. Mike Garlick 12/3/02 Page 2 of 2

Please provide the groundwater monitoring report for the July, 2002 semi-annual sampling event to the Groundwater Section's Raleigh Regional Office by December 20, 2002. If you do not provide the required information, you may be in violation of 15A NCAC 2L .0106(c)(4) for failure to implement an approved Corrective Action Plan.

If you have any questions or require additional information, please call me or Mr. Jay Zimmerman in the Raleigh Regional Office at (919) 571-4700.

Sincerely,

Rick Bolich, L.G.

Hydrogeologist

CC:

RRO Files Mr. Will Grimes, L.G.; MACTEC, Inc.; 3301 Atlantic Ave.; Raleigh, NC 27604 Mr. Terry Sanford Jr.; SEHED Development Corp.; 2200 West Main St; Durham, NC 27705

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May 30, 2003

Mr. Terry Sanford, Jr. Erwin Square Office Tower I Limited Partnership 2200 West Main Street Durham, North Carolina 27705

Subject:

Year 2003, 1st Semi-Annual Groundwater Monitoring Report Former Burlington Industries Textile Mill Durham, North Carolina MACTEC Job No. 30741-8-3071

Dear Mr. Sanford:

MACTEC Engineering and Consulting of Georgia, Inc. (MACTEC), formerly known as Law Engineering and Environmental Services (LAW), is pleased to submit this report which documents our 1st semi-annual groundwater-monitoring activities at the subject site for 2003. The purpose of our services is to meet regulatory requirements applicable to the monitoring program that has been established for the site and to document current groundwater-quality conditions at the site. The format of this report is consistent with that recommended in the North Carolina Division of Water Quality (DWQ) document entitled "Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater", dated July 2000 (the Guidelines).

This report is intended for the exclusive use of Erwin Square Office Tower I Limited Partnership. The contents should not be relied upon by other parties without the expressed, written consent of MACTEC. This report includes data collected and presented by LAW/MACTEC for the years 1996 through 2003. Site information and data prior to 1996 was produced by other consultants.

MACTEC appreciates the opportunity to continue to provide services to Burlington Industries, Inc. on this project. Should you have any questions, please contact us at (919) 876-0416.

Sincerely,

MACTEC Engineering and Consulting of Georgia, Inc.

Jeffrey A. Mann, P.E. Semor Engineer

Richard A. Kell

Richard A. Kolb, L.G. Principal Geologist

Attachment: Report

MACTEC Engineering and Consulting, Inc. 3301 Atlantic Ave • Raleigh, NC 27604 919-876-0416 • Fax: 919-831-8136



YEAR 2003, 1st SEMI-ANNUAL GROUNDWATER MONITORING REPORT FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA

	Coordinates:
Latitude:	N 36 degrees, 0.499 minutes
Longitude:	W 78 degrees, 55.544 minutes

May 30, 2003

Site Priority Ranking: E

Prepared for: Erwin Square Office Tower I Limited Partnership; 2200 West Main Street; Durham, North Carolina 27705

Responsible Party: Burlington Industries, Inc; P.O. Box 21207; Greensboro, NC 2742; Attention: Mike Garlick, P.E. (336) 379-2289

Property Owners: Erwin Square Office Tower I Limited Partnership; 2200 West Main Street; Durham, North Carolina 27705; Attention: Terry Sanford, Jr. (919) 286-3321

> Aquiport Erwin Square, Inc. c/o Clarion Partners; 335 Madison Avenue; New York, New York 10017; Attention: Peter Petron (212) 883-2561

> > **Release Information:**

Groundwater Incident Number: 20604				
Discovery Dates: January 1997	제품 11 문제	105	78	lane u
Estimated Quantity: Unknown.			1 - 1 -	
Cause of Releases: UST release/incidental spillage	of waste oil	/parts cl	eaning a	gents

Consultant: MACTEC Engineering and Consulting of Georgia, Inc. Raleigh, North Carolina 27604 91.876-0416 Richard A. Kolb, L.G Mann. P.E. Principal Geologist Senior Engineer EG Job No. 30741-8-3071

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1,1 DCE Isoconcentration Maps Hydrogeologic Cross-Sections

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			YEAR 20	TABLE ARY OF LAB 003, 1 st SEMI-A BURLINGTO DURHAM, N MACTEC JO	ANNUAL SA N INDUSTRI NORTH CAR	TEST RESUL MPLING EV ES TEXTILE OLINA	ENT				43
				G	roundwater S	Sample Locati	on				2L
Compound	MW-1	MW-1D	MW-2	MW-2D duplicate of MW-2	MW-3	MW-4	MW-5	MW-5D duplicate of MW-5	MW-6	MW-7	Standard
Purgeable Halocarbons (EP/	A Method 601)	= 11 1 1 1 1			-					L	
1,1 Dichloroethene	140	12	39		7.4	85				20	7
1,1 Dichloroethane	16		7.6	-	1.6	9.8				2.8	700
Chloroform			61 1 E E	-							0.00019
1,2 Dichlorobenzene			- 3		2.3	Sec. 1 day	ō				620
Trichlorofluoromethane	11		1.5	•	Line s or S	2.3			63		2100
SVOCs (EPA Method 625)					a ng Paul na	11.00				<u> </u>	J
No compounds detected		-		1.00.000	ingen - die sei		='	-	-	-	NA

Abbreviations and Notes:

All concentrations are in μ g/L.

Blank Space - Not Detected at or above the method detection limit - Groundwater not analyzed by this method at particular location. Bold - Concentration exceeds 2L Standard

Prepared by <u>Ady</u> Checked by <u>Wyr</u>

Date 5/30/03 Date 17206 3

			Т	ABLE 1 (PAC	GE 2 OF 2)					
		YEA	R 2003, 1 st ER BURLI DUR	SEMI-ANNU NGTON IND HAM, NORTI	FORY TEST I AL SAMPLII USTRIES TE H CAROLIN). 30741-8-307	NG EVENT XTILE MILL A				
¥		- pr		Ground	water Sample	Location				2L
Compound	MW-8R	MW-8DR	MW-9	MW-10	MW-11	MW-12R	MW-13	MW-14	MW-15	Standard
VOCs (EPA Method 601)	10.5				Tel Contractor					
1,1 Dichloroethene	250				9.1	-	1	5.3		7
1,1 Dichloroethane	26			-	2	-		3.2		700
Carbon tetrachloride	-				2	-	ML 20	622		0.3
Chloroform				· · · ·	8.4	-	1947 - S. S.	-	75 - 10	0.00019
1,2 Dichlorobenzene	9.8	16 2 2 1		-	_	-				620

Prepared by 084 Checked by ------

Date 5/30/03

Date 51263

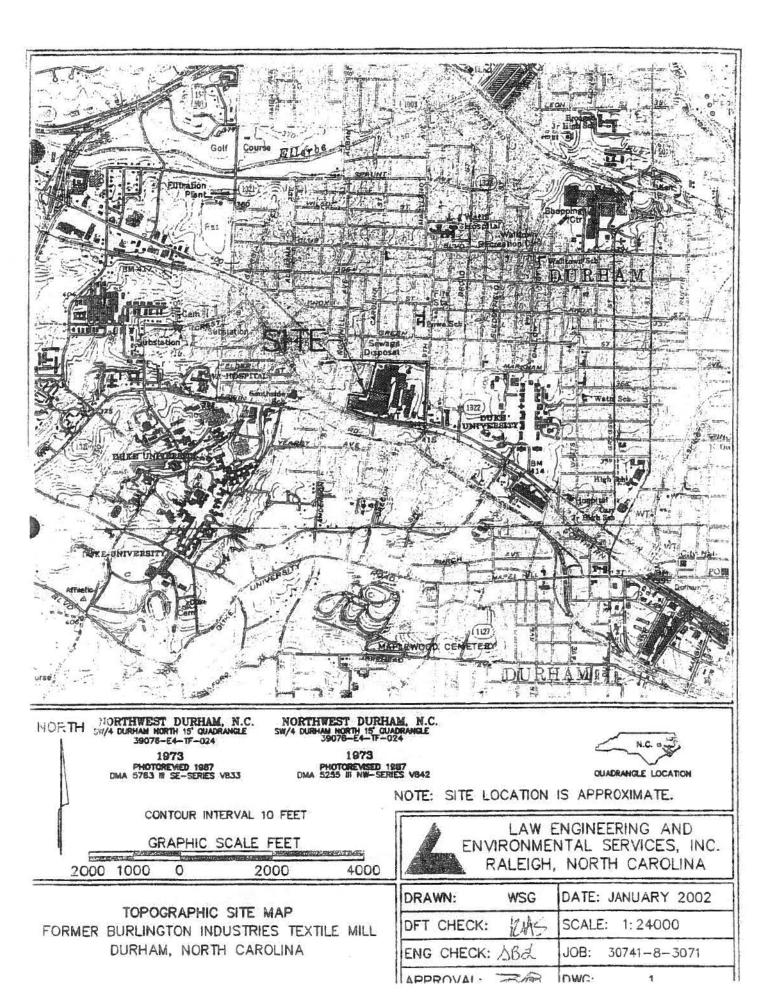
Abbreviations and Notes:

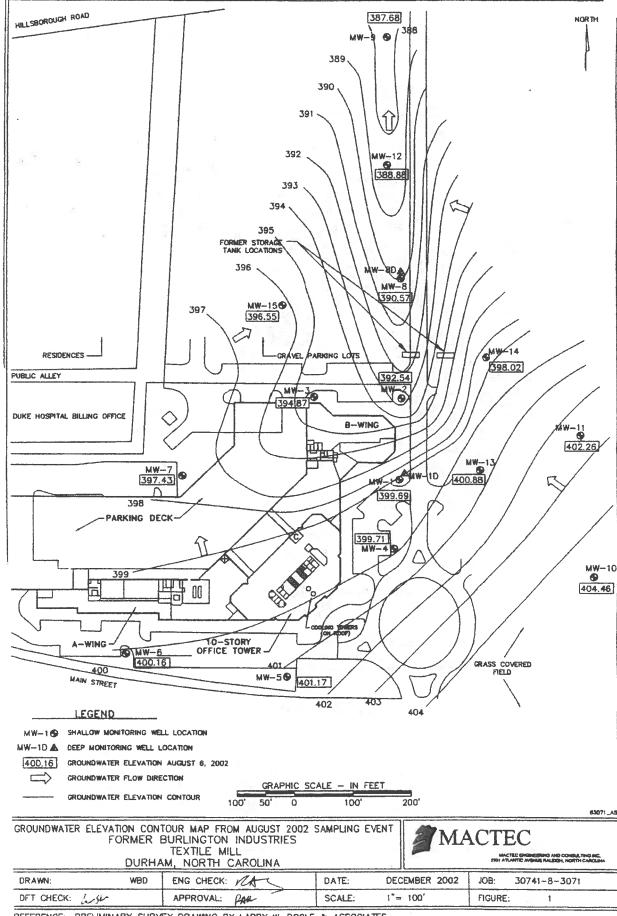
All concentrations are in µg/L.

Blank Space - Not Detected at or above the Practical Quantitation Limit - Groundwater not sampled at particular location

Bold - Concentration exceeds 2L Standard

Sample analysis for SVOCs is not required for these well locations.





REFERENCE: PRELIMINARY SURVEY DRAWING BY LARRY W. POOLE & ASSOCIATES

GROUNDWATER SAMPLE ANALYSIS RESULTS AUGUST 2002, 2nd SEMI-ANNUAL SAMPLING EVENT FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA MACTEC JOB NO. 30741-8-3071

TABLE 1 (PAGE 1 OF 2)

	1			Gro	undwater S	ample Loca	tion				2L
Compound	MW-1	MW-1D	MW-2	MW-2D duplicate of MW-2	MW-3	MW-4	MW-5	MW-5D duplicate of MW-5	MW-6	MW-7	Standard
Purgeable Halocarbons (E	PA Method	601)								18	7
I, I-Dichloroethene	160	5.5	52	-	47	88			- 4 <u>-</u> -		700
1,1-Dichloroethane	14		6.8	-	12	9.8		100 y		3.1	50
Chlorobenzene				-	12			1	5		0.00019
Chloroform	1	·	1	-							620
1.2-Dichlorobenzene				-	140						620
1,3-Dichlorobenzene		· · · · · · · · · · · · · · · · · · ·		•	1.6						75
1,4-Dichlorobenzene				-	8.8				4.9	AND MONTH	2100
Trichlorofluoromethane	25	12 - 5,275-	2.5	10 m², 10,	1.3	4.5		Contract of the	4.9	2 1/20/2 202	Delication-1
SVOCs (EPA Method 625))		nee a ui					Terrorite and the second			NA
No compounds detected		-	<u></u>		-	-	•	-			1

Abbreviations and Notes:

All concentrations are in $\mu g/L$.

Blank Space - Not Detected at or above the method detection limit - Groundwater not analyzed by this method at particular location. Bold - Concentration exceeds North Carolina groundwater 2L Standard Prepared by <u>UM</u> Dat Checked by <u><u>AM</u> Dat</u>

Date 4/18/03 Date 4/18/03

TABLE 1 (PAGE 2 OF 2)

GROUNDWATER SAMPLE ANALYSIS RESULTS AUGUST 2002, 2ND SEMI-ANNUAL SAMPLING EVENT FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA MACTEC JOB NO. 30741-8-3071

				C	oundwater S	ample Loca	tion				2L
Compound	MW-8	MW-8D	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	TRIP BLANK	Standard
Purgeable Halocarbons (E	PA Method 6	01)	_	6				4.4	2.8	T	7
1,1-Dichloroethene	240				4.7	2.5			2.0		700
1,1-Dichloroethane	28	I	3	-	1.6			2.1			0.3
Carbon tetrachloride				U	1.6						50
Chlorobenzene	4.6			1 2	(0)						.00019
Chloroform					6.8		+			- #1je	620
1,2-Dichlorobenzene	14							and the strength	· · · · ·	-	
1,4-Dichlorobenzene	1.2	e R.			+		1.2	2			2100
Trichlorofluoromethane	1.8			1			1.4	1			

Abbreviations and Notes:

All concentrations are in µg/L.

Blank Space - Not Detected at or above the Practical Quantitation Limit

- Groundwater not sampled at particular location

Bold - Concentration exceeds North Carolina groundwater 2L Standard Sample analysis for SVOCs is not required for these well locations.

Prepared by web-Checked by gam

Date 4/18/03 Date 4/18/03



November 12, 1999

HAND DELIVERY

¢

Mr. Eric Rice Hydrogeologist

North Carolina Department of Environment and Natural Resources Division of Water Quality Groundwater Section Raleigh Regional Office 3800 Barrett Drive, Suite 101 Raleigh, North Carolina 27609

> Additional Activities Burlington Industries (Former) West Main Street Durham, Durham County Law Project No. 30741-8-3071

Dear Mr. Rice:

Subject:

In response to our meeting on October 28, 1999 and subsequent conversation with Mr. Jay Zimmerman of your office, Burlington Industries, Inc. (Burlington) and Law Engineering and Environmental Services, Inc. (Law) have agreed to conduct the following additional activities regarding the subject site. The activities are described with respect to the item numbers in your September 21, 1999 letter and in our September 27, 1999 response to that letter.

- Law will resample monitoring wells MW-1, -1D, -2, -3, -4, -7, -8, -11, -12, and -13, and will
 test the samples for volatile organic compounds according to Standard Method 6230D. We
 will also test samples from monitoring wells MW-1, -1D, -2, and -8 for semi-volatile organic
 compounds (plus ten-largest non-target peaks identified) according to Standard Method 625.
 Should semi-volatile organic compounds be detected at concentrations above their respective
 North Carolina Groundwater Standards in one or more of those samples, we will also collect
 groundwater samples from monitoring wells MW-3, -4 and -13 and test the samples for semivolatile organic compounds. Additionally, we will test samples from well MW-1, and
 background well MW-5 for RCRA metals using Standard Method 3030C sample preparation
 and Standard Method 6010B and 7471 analyses.
- 2. Law will install two additional shallow monitoring wells and one additional deep monitoring well. One of the shallow wells will be installed in the area northwest of well MW-11 and north of well MW-13, and the other shallow well will be installed northwest of well MW-3, equidistant between wells MW-7 and MW-12. The deep monitoring well will be installed under existing Well Construction Permit Nos. WM0500419 and WM0500442 dated April 20, 1998 and January 22, 1999, respectively. Groundwater samples will be collected from the new monitoring wells and tested for volatile organic compounds using Standard Method 6230D.

3. It is our understanding that the information regarding past soil assessment and remediation that we submitted to you during our October 28 meeting sufficiently addressed your concerns.

2

4. Law will advance four Geoprobe[™] borings in the vicinity of monitoring wells MW-1and MW-1D to determine the presence or absence of soil contamination in that area. One of the borings will be located between the two monitoring wells. The remaining three borings will be located 15 to 20 feet from the well pair in a triangular pattern. Each boring will be advanced to a depth of 10 feet or until refusal, whichever is encountered first. Soil samples from each two-foot interval within the borings will be screened for the presence of organic vapors using either a photoionization detector (PID) or a flame ionization detector (FID). One soil sample from each boring will be submitted for laboratory analysis. Results of PID/FID screening will be used to determine the type(s) of laboratory analysis that will be conducted as described below.

If none of the soil samples from a given boring exhibits a PID/FID response of greater than 10 parts per million (ppm), then the sample that exhibits the highest response, or the deepest sample from the boring in the case of no instrument response, will be submitted for analysis of volatile organic compounds by EPA Method 8260. If PID/FID responses of greater than 10 ppm are noted for samples from a given boring, then the sample exhibiting the highest response from that boring will be submitted for analysis of volatile and semi-volatile organic compounds by EPA Method 8270, respectively, PCBs by EPA Method 8082, and RCRA Metals by EPA Methods 6010B and 7470A.

Following completion of field activities and receipt of laboratory analysis results, Law will prepare a Corrective Action Plan (CAP) in a format consistent with that recommended in the Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater, Volume I, dated May 1998. The CAP will include a summary of the additional information derived from the above activities, and our recommended corrective action strategy for the site.

Burlington and Law are prepared to begin work on the additional activities in the next two to three weeks. As Mr. Zimmerman indicated during our conversation, the scope of additional activities described above is considered approved by DWQ, unless we hear otherwise from you in the next fourteen calendar days. We will submit the CAP on or before February 26, 2000, provided we do not encounter circumstances that would cause unanticipated delays. Please contact Brian Bellis of Law (831-8031) or Jim Wright of Burlington (336-379-2289) if you have any questions.

Sincerely,

Law Engineering and Environmental Services, Inc.

Breec

Brian J. Bellis, L.G. Principal Hydrogeologist

cc: Mr. Jim Wright, Burlington Industries, Inc. Mr. Jay Zimmerman, DENR Groundwater Section Mr. Terry Sanford Jr., SEHED Development Corporation

1. incident #	I INCIDENT REPO	Division of Environm	iontal Managome IDWATER SECTIO
2. Tabulate only	TYPE OF ACTION		- de la companya de la
1. Emergency response 2. Compliance investigation POTENTIAL HAZARDS : 1. Toxi	3. Complaint investigation 4. Routine inventory ic chemicals 2. Radioactivity 3. A	5. Re-evaluatio 6. Other : Air emissons 4, Explos	
	INCIDENT		
A North		cate d	
Burlington In	dustries, Incorpa	City/Town	
Address	treat	DEM Regional Contac	t
B W. Main D	Region	J.P. Neda	
Durham	Raleign		
	PERSON REPORTING	NCIDENT	
	PENSON NEI ONNA	Date	Time 1445ES
Neme Tom Moor-	0	5 Jan 87	Telephone
10m 1001			919-286-37
Company/Agency	dustries		
Company/Agency Burlin ton In Briefly Describe incident	dustries	ials were e	
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Company/Agency Burlington In Briefly Describe incident	destries dearth noter old gasoline tan	ials were established were established were established and the second s	
Company/Agency Burlington In Briefly Describe incident	dustries de earth noter old garoline tan	ials were e	
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Company/Agency Burlington In Briefly Describe incident Entaminates C during an	onsible party 2. Government ag	pency 3. Private part	ncountere
Company/Agency Burlington In Briefly Describe incident Entaminates C during an	onsible party 2. Government ag	Jency 3. Private part ACTION	y
Company/Agency Burlington In Briefly Describe incident Entaminate Curing an REPORTED BY: 1. Resp.	onsible party 2. Government ag RECOMMENDED	ACTION 5. Technical support	y 7. Enforcement
Company/Agency Burlington In Briefly Describe incident Entaminates C during an	onsible party 2. Government ag RECOMMENDED A 3. Initiate/complete cleanup 4. Long-term remedial action	ACTION 5. Technical support 6. Drill crew	7. Enforcement 8. Monitoring pl
Company/Agency Burling ton In Briefly Describe incident Contaminate Contaminat	onsible party 2. Government ag RECOMMENDED 3. Initiate/complete cleanup 4. Long-term remedial action	ACTION 5. Technical support 6. Drill crew	7. Enforcement 8. Monitoring pl
Company/Agency Burling on In Briefly Describe incident Contaminate Cduring an REPORTED BY: 1. Resp. 1. Investigation complete 2. Continue investigation Comments	onsible party 2. Government ag RECOMMENDED A 3. Initiate/complete cleanup 4. Long-term remedial action	ACTION 5. Technical support	y 7. Enforcement 8. Monitoring pi
Company/Agency Burlin ton In Briefly Describe incident Entaminate C during an REPORTED BY: 1. Resp. 1. Investigation complete 2. Continue investigation	onsible party 2. Government ag RECOMMENDED 3. Initiate/complete cleanup 4. Long-term remedial action	ACTION 5. Technical support 6. Drill crew	y 7. Enforcement 8. Monitoring pl
Company/Agency Burling on In Briefly Describe incident Contaminate Cduring an REPORTED BY: 1. Resp. 1. Investigation complete 2. Continue investigation Comments	onsible party 2. Government ag RECOMMENDED 3. Initiate/complete cleanup 4. Long-term remedial action	ACTION 5. Technical support 6. Drill crew	y 7. Enforcement 8. Monitoring pl
Company/Agency Burling on In Briefly Describe incident Contaminate Cduring an REPORTED BY: 1. Resp. 1. Investigation complete 2. Continue investigation Comments	onsible party 2. Government ag RECOMMENDED 3. Initiate/complete cleanup 4. Long-term remedial action He property	ACTION 5. Technical support 6. Drill crew	y 7. Enforcement 8. Monitoring pl

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1	cident #	OLLUTANTS INVOL	VED	
E	MATERIALS INVOLVED gabline (leaded?)	AMOUNT STORED	AMOUNT LOST	AMOUNT RECOVERED

IMPACT ON SURFACE WATERS

Г			1 Yes (2.)	No No 3. Potentially	Distance to Stream (ft)	Amount in Water (gal)
	F	FISH KILL: 1. Yes	-	Name of Stream		Stream Class

RISK ASSESSMENT

High = 3	Moderate =2	Low =1	None =0			
Resource Threat Vertical Migration of Contaminant			Amount Infiltration			
Horizontal Migration of Contaminant Areal Extent of Contamination		LSURF	ACE WATER	AIR		
Probability of Violations Remedial Action Priority Potential Hazard of Substance						
Threat to Drinking Water Seriousness of Threat						
Overall Regional Concern	<u> </u>			J		
1. This incident poses additional thre	Please Circle the Appropriate Response(s): 1. This incident poses additional threat to human health by: (1) inhalation (2) absorption (3) ingestion					
2. This incident posss additional threat (1) sensitive areas (2) wildlife		by potential	adverse enecis on	•		

POTENTIAL SOURCE OF POLLUTION

7

н	6. Animal feedlot 7. Source unknown	POLLUTION 9. Sewer line 10. Stockpile 11. Landfili 12. Spilisurface 13. Well 14. Dredge Spoli 15. Nonpoint source	TYPE OF POLLUTANT 1. Pesticide/herbicide 2. Radioactive waste 3. Gasoline/diesei 4. Other petroleum prod. 5. Sewage/septage 6. Fertilizers 7. Sludge 8. Solid waste leachate	LOCATION 1. Facility 2. Railroad 3. Waterway 4. Pipeline 5. Dumpsite 6. Highway 7. Residence 8. Other	SETTING 1. Residential (2.)Industrial 3. Urban 4. Aural
	8. Septic tank MULTIPLE SOURCES AT SITE: 1. Yes (2) No		9. Metals 10. Other inorganics 11. Other organics	POLLUTION CONFIRMED 1. Yes 2. No	

1

POLLUTION INCIDENT REPORTING FORM

Incident # _____ County: _____

<u>.</u>

RESPONSIBLE PARTY

	Responsible Party/Names Jack Garriso	n Enviro	nmental En	gineen	Telephone 919-379-2563
	Company Burlington In		esta i	PO Bon	21207
	City O Greensborg		County	State NC	210 Code 27420
	REASON FOR INCIDENT	SOURCE IN USE		OWNERSHIP	OPERATION TYPE
1	Mechanical fallure	2. No SOURCE PERMITTED	0.N/A 1. Nondischarge	0, N/A 1, Municipal	0, N/A 1. Public Service
	3. Facility design	1. Yes 2. No	2. Oil terminal	2. Military	2. Agricultural
	4. Inventory only 5. Human error	SOURCE ON	3. Landfill 4. Mining	3. Unknown	3. Other Source 4. Educational
	6. Vandalism	ERRIS LIST 1. Yes	5. NPDES	5. Federal	5.Industrial
	7. Unknown	2. NO ERRIS NUMBER	6. RCRA 7. Alr -	6. County 7. State	6. Commercial 7. Mining

ACTIONS TAKEN

Containment, Cleanup, etc. PRO received report 87 5.500 He Scame MAD eston on 1 + Add Dam wap 400 cal 0 an LANK 000 inta J being 05105 re monte base bal eanth mater ateral; sle Days am rolen Dac no Nearest Populated Buildings-Type and Distance 70' Jou Precipition/Weather Data cha

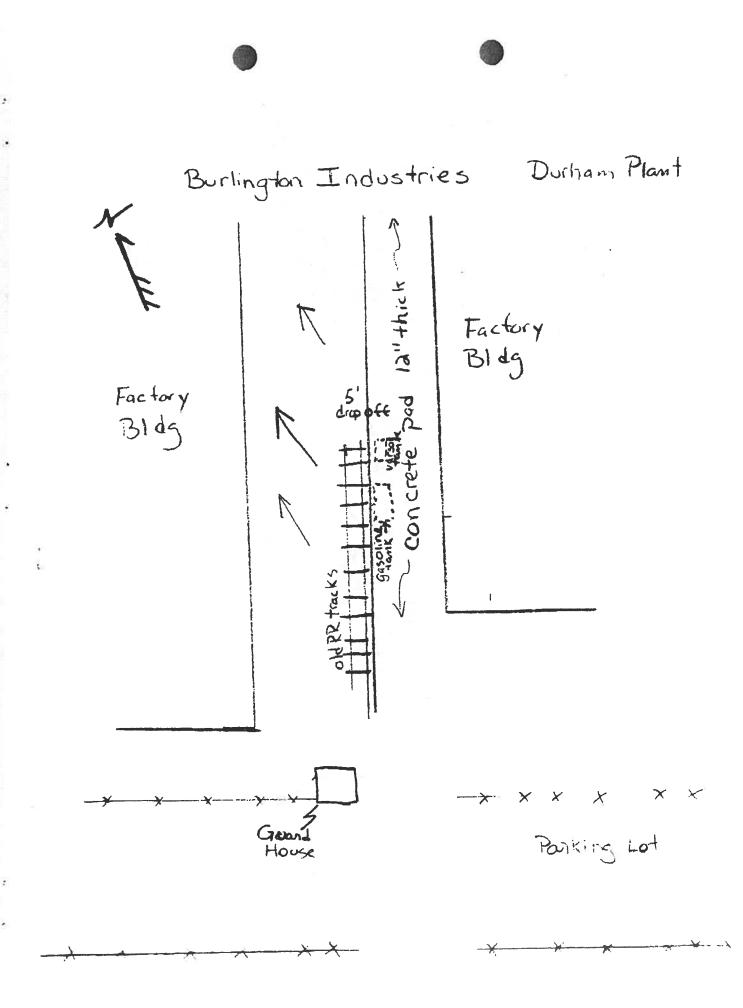
Street Address, Road	LOCATION OF	Ducham	Durham
W. Main Date Incident Occurred Defore 5 Jan 87	St. Time incident Occurred	7 1/2 Quad Name Northwest Durhow	Lat. : Deg: Min: Sec: 36° CO'38"N Long. : Deg: Min: Sec:
0	Draw Sketch	of Area	78°55' 30"h
			39
	· · · · ·		
			8
	т. 19 г. – 19 г.		

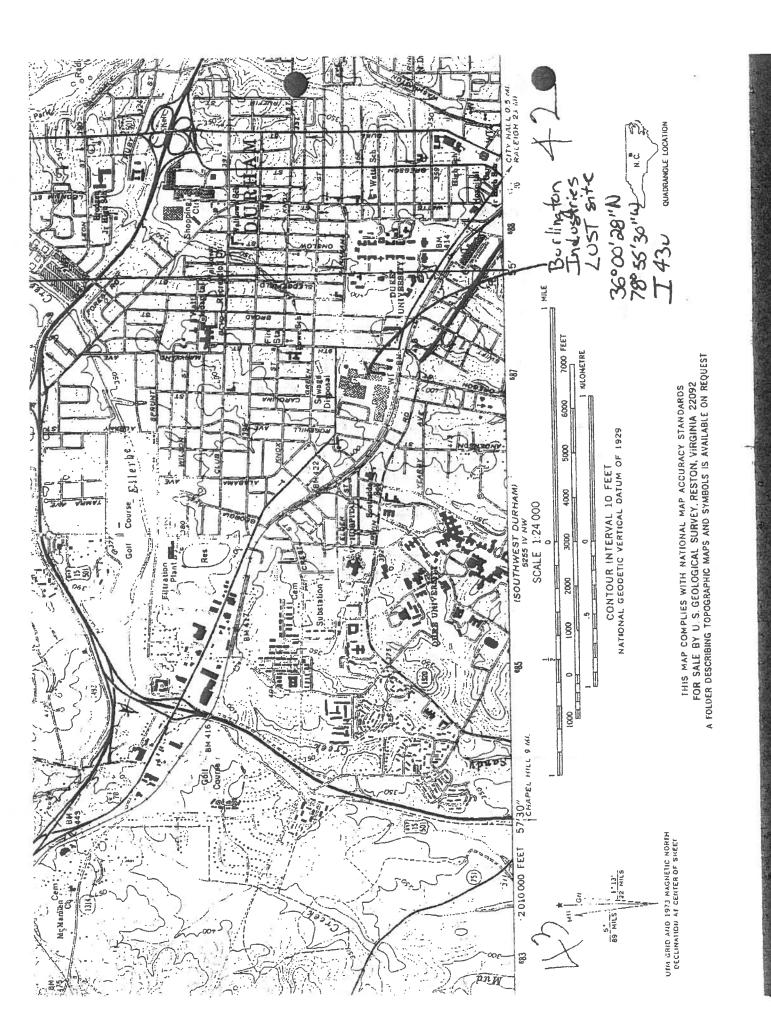
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Incident	#	
County:		

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POLLUTION INCIDENT REPORTING FORM

	50	IL TYPES		
COASTAL PLAIN REGION PIEDMONT SOIL REGION			LANDFORM 1. River/coastal terrace	
1. Middle Coastal Plain 10. Felsic Crystalline		2. Coastal (flat) plain		
2. Upper Coastal Plain/Piedmont 11. Carolina Slate Belt			3. Mountain range	
3. Sandhills				4. Sandhills
	Coastal/Wicomico,	Talbot 13. Mi	xed Felsic and Mallc	5. Swamp
5. Lower	Coastal Plain/Pamli	CO MOUNT	AIN SOIL REGION	6. Linear (valley) slope
6. Organi	c Soil			7. Head slope (concave)
7. Bracki	sh and Freshwater N		w and Intermediate Mountain	8. Nose slope (convex)
8. Outer	Banks		isins/Terraces/Flood Plain	9. Foot slope
9. Large	River Valleys/Flood	Plain 16. Hi	gh Mountain	10. Barrier Island
OBSERVED	AVERAGE GRADIEN	TS ES	TIMATED DEPTHS	11. Barrier system
-			tiolog bodt tit	12. Beach ridge
	water supply:		nost confining bed: it. To water table: it.	i ei i i ei e
	table gradient:		To bedrock: ft.	14. Floodplain
	learest stream:		10 DEGLOCK.	15. Upland: 0-5% slope (interstream divide)
S	tream gradient:			
	ESTIMATE HY	DRAULIC CONDUC	TIVITIES	AQUIFER USE
		Water Table	Upper confined aquifer	1.)Little or no use
Soll	Unsaturated zone	1. high	1. high	2. Moderate uses
1. high	1. high	2. medium	2. medium	3. Heavily used
2. medium	2. medium	(3) low	3. low	
(3) low	(3) low 4. unknown	4. unknown	(4) unknown	
unknown	4. Unknown			
	O NEAREST WATER			EST BUILDING: 70
Describe	general lithology of	soil and unsaturation	ed zone	nse gray clay
E×(cavated me	Janas II		000
V				
1				

NOV DODICA North Carolina on of Environmental Management NOTICE OF VIOLATION OF G.S. 143-215.1 G.S. 143-215.108 G.S. 143-215.75, et seq. G.S. 87-83, et seq. G.S. MrT TO: Noore Greenst (Name of Violator) (City/County YOU ARE HEREBY NOTIFIED that the undersigned representative of the North Carolina Division of Environmental Management observed a violation of North Carolina Environmental Pollution Control Laws at: Burlington Tradustries Tre Durham Plant W. Ma (Location of Violation) Durham on or before 1645EST The following facts establish a violation: in cut of servi halo io casoline 07: 1 14. d. 1 D COUFO d on FEECH Waters You are required to cease the unlawful activity immediately. The following corrective actions must be taken: Remove all continuinated earth with hydroranom concentration greater than 10mp/try assindicated by to dampin Determine extent of free flocking product on water table ((any)) and determine extent of free flocking product on water in groundwater (, fany). A written response must be filed with the Regional Office at the address below on or before 25 Franking 1987. NOTICE is given that this and any further violations may result in enforcement actions, including civil penalties, 05 Jan (Date) (Representative's Signature) I. Jaceph Y. Nestor , hereby certify that I have personally served a copy of this Notice on: Mr. T Dusham at (Name) (Location on OS 1987. Samary (Signature) Regional Office Address:



North Carolina Department of Human Resources Division of Health Services P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor David T. Flaherty, Secretary

July 30, 1987

Ronald H. Levine, M.D., M.P.H. State Health Director

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Jack Garrison Senior Environmental Engineer Burlington Industries, Inc. 3330 West Friendly Avenue P.O. Box 21207 Greensboro, North Carolina 27420

Re: Compliance Order with Administrative Penalty Burlington Industries, Inc., Durham, North Carolina

Dear Mr. Garrison:

Enclosed is a Compliance Order with Administrative Penalty issued to Burlington Industries, Inc., for certain violations of the North Carolina Solid Waste Management Act, N.C.G.S. 130A, Article 9, (Act) and North Carolina Hazardous Waste Management Rules, 10 NCAC 10F, (Rules). The Compliance Order with Administrative Penalty describes both the violations and the actions required for compliance, at your facility, with the Act and Rules.

Pursuant to N.C.G.S. 130A-22(a) an administrative penalty of \$1,500.00 is imposed in the Compliance Order with Administrative Penalty. You may appeal this Compliance Order with Administrative Penalty by submitting a written petition for an administrative hearing to the Office of Administrative Hearings, P.O. Drawer 11666, Raleigh, North Carolina 27604, and by sending a copy of the petition to Betty Turner, Agent, Department of Human Resources, 325 N. Salisbury Street, Raleigh, North Carolina 27601, within 30 days of the receipt of the Compliance Order with Administrative Penalty. The petition must be in accordance with N.C.G.S. 150B-23(a) and 10 NCAC 10G .0704.

If no administrative hearing is requested, the administrative penalty must be paid by Burlington Industries, Inc., within 60 days by check or money order, payable to the Division of Health Services, and mailed to William L. Meyer, Head, Solid and Hazardous Waste Management Branch, Division of Health Services, P.O. Box 2091, Raleigh, North Carolina 27602.





North Carolina Department of Human Resources Division of Health Services Solid and Hazardous Waste Management Branch

In Re: Burlington Industries, Inc.) Durham, North Carolina)

COMPLIANCE ORDER WITH ADMINISTRATIVE PENALTY Docket # 87-488

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PRELIMINARY STATEMENT

This Compliance Order with Administrative Penalty is issued under the North Carolina Solid Waste Management Act, N.C.G.S. 130A, Article 9, (Act) and the North Carolina Solid Waste Management Rules, 10 NCAC 10F, (Rules). Burlington Industries, Inc., is a Delaware corporation which generates hazardous waste at 2100 W. Main Street, Durham, Durham County, North Carolina. Based upon an inspection performed at Burlington Industries, Inc., the North Carolina Solid and Hazardous Waste Management Branch determined that Burlington Industries, Inc., is in violation of certain requirements of the Act and Rules as set forth in this Compliance Order with Administrative Penalty.

STATEMENTS OF FACT AND LAW

- 1. Burlington Industries, Inc., is a Delaware corporation which generates hazardous waste at 2100 W. Main Street, Durham, Durham County, North Carolina. Burlington Industries, Inc., is a person as defined in N.C.G.S. 130A-290(12) and 10 NCAC 10F .0002.
- 2. On December 18, 1980, the State of North Carolina, Solid and Hazardous Waste Management Branch (State), was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act, N.C.G.S. 130A, Article 9, and rules codified at 10 NCAC 10F. William L. Meyer, Head of the Branch, has been delegated those responsibilities.
- 3. 40 CFR Part 262, codified at 10 NCAC 10F .0030, contains standards and requirements applicable to generators of hazardous waste.
- 4. On June 15, 1987, Larry Perry, Waste Management Specialist, made an inspection of the Burlington Industries, Inc., facility and found the facility to be in violation of certain requirements contained in 40 CFR 262, codified at 10 NCAC 10F .0030. Specifically:

40 CFR 262.12(a), codified at 10 NCAC 10F .0030, states that a generator must not treat, store, dispose of, transport, or offer for transportation, hazardous waste without having received an EPA identification number from the Administrator.

Burlington Industries, Inc., is in violation of 40 CFR 262.12(a), codified at 10 NCAC 10F .0030, in that it stored and offered for transportation hazardous waste without having received an EPA identification number from the Administrator.

CIVIL PENALTY

N.C.G.S. 130A-22(a) and 10 NCAC 10G .0701 - .0707 authorizes an administrative penalty of up to \$10,000 per day for each violation of the hazardous waste provisions of the Act and Rules. The N.C. Solid Waste Management Penalty Computation Procedure (March 19, 1985) was used to determine the penalty. The factors considered include, but are not limited to: the nature of the violations, the potential effect on the public health and environment, the degree and extent of harm caused by the violations, the costs of rectifying any damage, the types and amount of wastes, the ease and costs of compliance and the history of noncompliance. Accordingly, a penalty of \$1,500.00 is hereby imposed.

CONDITIONS FOR CONTINUED OPERATION

Based upon the foregoing, Burlington Industries, Inc., is hereby ordered to take the following actions:

- 1. Within sixty (60) days, submit the administrative penalty, by check or money order, payable to the Division of Health Services, and mailed to William L. Meyer, Head, Solid and Hazardous Waste Management Branch, Division of Health Services, P.O. Box 2091, Raleigh, NC 27602.
- Immediately take the following action to correct all violations as stated in this Compliance Order with Administrative Penalty.

Comply with 40 CFR 262.12(a), codified at 10 NCAC 10F .0030, by not treating, storing, disposing of, transporting, or offering for transportation hazardous waste without having received an EPA identification number from the Administrator.

PCTENTIAL CONSEQUENCES OF FAILURE TO COMPLY

Burlington Industries, Inc., is hereby advised that pursuant to N.C.G.S. 130A-22 each day of continued violation of any requirement of the Act or the Rules constitutes a separate violation for which an additional penalty of up to \$10,000 per day may be imposed. If the violation(s) continue, Burlington Industries, Inc., may also be subject to further enforcement including injunction from any further treatment, storage, or disposal of hazardous waste and such further relief as may be necessary to achieve compliance with the Solid Waste Management Act and Rules.

OPPORTUNITY TO REQUEST A HEARING

Burlington Industries, Inc., has the right to request an administrative hearing to contest any matter of law, material fact, requirement, or penalty set forth in this Compliance Order with Administrative Penalty. To avoid being in default and having the penalty collected without further administrative proceedings, a written petition must be submitted within 30 days of receipt of this Compliance Order with Administrative Penalty in accordance with N.C.G.S. 150B-23(a) and 10 NCAC 10G .0704. 0



The petition shall be verified or supported by affidavit and shall state facts tending to establish that the agency has deprived Burlington Industries, Inc., of property, has ordered Burlington Industries, Inc., to pay a fine or civil penalty, or has otherwise substantially prejudiced Burlington Industries, Inc.'s rights and that the Branch:

- 1. exceeded its authority or jurisdiction;
- 2. acted erroneously;
- 3. failed to use proper procedure;
- 4. acted arbitrarily or capriciously; or
- 5. failed to act as required by law or rule.

The petition must be submitted to the Office of Administrative Hearings, P.O. Drawer 11666, Releigh, North Carolina 27604, in accordance with N.C.G.S. 150B-23(a), and a copy of the petition must be submitted to Betty Turner, Agent, Department of Human Resources, 325 N. Salisbury Street, Raleigh, North Carolina 27601. Requested administrative hearings will be conducted in accordance with applicable rules contained in the North Caroline Administrative Code, a copy of which is available upon request. If no hearing is requested, payment of the administrative penalty becomes due within 60 days after receipt of this notice. If a hearing is requested, payment of the administrative penalty is due within 60 days after service of a written copy of the decision. If payment is not received as required, the Secretary of Human Resources shall request the Attorney General to commence an action to recover the amount of the penalty and may also request that an injunctive action be commenced to achieve compliance pursuant to N.C.G.S. 130A-22(g).

INFORMAL CONFERENCE

Whether or not Burlington Industries, Inc., requests an administrative hearing, the Branch encourages an informal conference to discuss this matter and to give Burlington Industries, Inc., an opportunity to provide additional information, including any actions it has taken to correct the violations(s). If an informal conference is desired, please contact:

> Dr. Carol M. Schiller Branch Attorney Solid and Hazardous Waste Management Branch P.O. Box 2091, 306 N. Wilmington Street Raleigh, N.C. 27602-2091 (919) 733-2178





North Carolina Department of Human Resources Division of Health Services P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor David T. Flaherty, Secretary

July 14, 1987

Ronald H. Levine, M.D., M.P.H. State Health Director 919/733-3446

2

Burlington Industries, Inc. PO Box 21207 Greensboro, NC 27420

RE: EPA ID No. NCD982093916

Dear Sir:

Listed above is your EPA ID number which has been assigned by the EPA. As a small generator, you should be familiar with 10 NCAC 10F N.C. Hazardous Waste Management Rules .0002 Definitions; and .0029 Identification and Listing of Hazardous Waste - Part 261 and .0030 Standards for Hazardous Waste Generators - Part 262.

Enclosed is a copy of <u>A Handbook for Small Businesses</u> which is intended to avoid the need for you to obtain, read, and understand the actual regulatory requirements for small quantity generators. However, if you wish to obtain a copy of the actual regulations, you may do so by contacting the Solid and Hazardous Waste Management Branch, Division of Health Services, P.O. Box 2091, Raleigh, North Carolina 27602. To cover the cost of printing, a fee of \$5.00 is charged for a copy of the regulations.

NCSU provides a training program for small generators which you may want to attend. The Department has a contract with NCSU to conduct training for small generators. Call Linda Watkins at (919) 737-3002 for a flyer describing the workshops in your area.

The Solid and Hazardous Waste Management Branch contains a Technical Assistance Unit which is available to answer questions. The Unit can be reached by contacting the Branch Office at (919) 733-2178.

Sincerely,

arre Walker an

William Páige, Environmental Engineer Supervisor for Technical Assistance Solid & Hazardous Waste Management Branch Environmental Health Section

cc: JOSEPH H. DEAKINS

Attachment

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Executive Offices P. O. 80x 21207 Greensboro, North Cerolins 27420



Burlington Industries, Inc.

August 17, 1987

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Mr. William L. Meyer, Head Solid & Hazardous Waste Management Branch Environmental Health Section P. O. Box 2091 Raleigh, NC 27602-2091

Re: Compliance Order with Administrative Penalty Burlington Industries, Inc. Durham, NC

Dear Mr. Meyer:

Pursuant to the informal conference held in your office on August 13, 1987 regarding the above captioned matter, I would like to make a recommendation that the Administrative Penalty be reduced from \$1500 to \$500. I would further offer as mitigating circumstances the following factors:

- 1. The Durham plant was included in the transaction with J. P. Stevens in January 1986. All personnel in control of the operating functions of the plant became the property or concern of J. P. Stevens Co. On June 30, 1986, J. P. Stevens completed operations at the Durham plant and decided to return control of the facility to Burlington Industries at the completion of the removal of the machinery. A few facilities and utility management personnel were rehired by Burlington to oversee the shutdown of the operating plant.
- 2. Between June 30 and December 31, 1986, Stevens completed removal of all manufacturing and associated equipment from the Durham plant. After their normal cleanup and transfer of materials to their other plants, all personnel were laid off except for two employees hired by Burlington to be used as security and fire protection services.
- 3. Between January 1 and June 30, 1987, the two man employed by Burlington continued the cleanup activities of the old manufacturing plant. Effort was being made to clean every "nook and cranny" to be sure that no hazardous material escaped our purview. Normal waste debris was containerized and shipped to the County landfill according to proper rules and regulations. In June, the residue



of "PERC" (1,1,1, Trichlorosthame spot removal chemical) was discovered in the cleanup process. Mr. Todd, supervisor employee, recognized the material as c ardous wasts and knew that it should be shipped for disposal instant of being shipped to the County landfill. Although no training occurred during Mr. Todd's employment with J. P. Stevens, his knowledge was a carryover from the previous training under the Burlington control of the facility. During the transition of employment between the two companies, Mr. Todd was not made aware that in September 1986, the small quantities generator I.D. Number requirement had been imposed by EPA. Upon discovery of the waste material, he contacted ECOFLO, a permitted transporter and disposer, to remove the drums in a legal and proper manner. On the day of the pickup, the track driver informed him that he needed and I.D. Number and he should call the State of North Carolina to obtain such a number. The two drums were loaded on the truck, a note made on the manifest, and the material left the site.

- 4. When Mr. Todd called to request a temporary I.B. Number for shipment, it was not made clear to the State personnel that this was a new request for Burlington at a separate plant from a request made almost simultaneously from the Corporate Headquarters for our Statesville. NC plant. It happened that both requests were for the same chemical and that confusion was generated by incomplete identification of the plants named. We feel this unfortunate timing contributed to suspicion that Burlington was trying to be less than candid with the problem at the Durham plant. It was determined later that no extraordinary activity had occurred at either plant.
- 5. Inspection of the facility by a State inspector confirmed Mr. Todd's request and that the plant was not generating any waste an operational condition.
- 6. Burlington maintains a compliance schedule and administrative structure to prevent normal operational failures as it relates to hazardous waste. The conditions at Durham did not fall within the normal guidelines of an operating plant, and generation of hazardous waste was not anticipated.
- 7. Since the change in the regulations concerning L.D. Numbers for small quantity generators had occurred such a short time before, and that the plant was not operational during that 9 months transition period, we feel that the tuation at Durham was an extraordinary activity which was handle in a good faith orportunity by Mr. Todd as he understood the gravity of the situation in dealing with h irdous waste, for which he should be commended.

We thank you for the opportunity to meet and discuss the problem which occurred at Durham and request your understanding of the fine points in our attempt to comply with the regulations. We look forward to hearing from you with hopes that you will accept our recommendation, issuing us the confirming letter with the opportunity to pay a more minimum fine and close this issue.

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Sincerely.

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BURLINGTON INDUSTRIES, INC.

louios a. More č,

Thomas A. Moore Engineering Manager Environmental Department

fh

cc: Marvin Baugh - Real Estate John Hoyle - Corp. Engineering Bob Stevens - Legal

J.R 2 1 2010 APR 2 1 2010

North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Govemor Dee Freeman, Secretary

Division of Waste Management Underground Storage Tank Section

Dexter R. Matthews, Director

April 16, 2010

Mr. Tom Lindley M. M. Fowler 4220 Neal Rd. Durham, NC 27705

SUBJECT: PRE-APPROVAL TASK AUTHORIZATION/CHANGE ORDER

Incident Name: West Main BP Site Rank: Intermediate County: Durham Task Auth./Change Order #: 10971-21 Received: 2/26/2010 Requested Amount: \$ 2,020.00

Location: 1922 West Main St.

Approved Amount: \$1,602.50

Incident #: 10971

Dear Mr. Lindley:

This office has processed the attached request for preapproval [Task Authorization (TA)/Change Order (CO)] submitted for the development, implementation and/or continuation of a Corrective Action Plan (CAP) activities at the above-referenced site. Your copy of the TA/CO form shows the total amount that has been approved for each of the specified tasks. After completion of authorized tasks, a State Trust Fund (STF) claim may be submitted for reimbursement with a copy of the TA and any approved CO.

In no case should you exceed the approved amount unless you submit a CO request and obtain written authorization from this office. Modifications to a TA that are necessary (i.e. -- adding new tasks) <u>must</u> be submitted as you are requesting a modification to a <u>previously approved</u> Task Authorization (i.e. -- changing previously submitted and approved tasks). You should specify only the changes and costs associated with them in the CO.

<u>Please note that in the interest of facilitating timely reviews the Raleigh Regional Office is not accepting facsimile</u> requests for preapproval unless specifically approved by staff in an emergency situation.

For questions concerning any required monitoring, corrective action, or remedial system operation costs, please contact the undersigned at (919) 791-4200.

Regards. Wayne E. Randolph

Hydrogeologist II

An Equal Opportunity / A/firmative Action Employer - 50 % Recycled 1 10 % Post Consumer Paper

12



February 23, 2010

Mr. Wayne Randolph North Carolina Department of Environment, and Natural Resources Division of Waste Management - UST Section 1628 Mail Service Center Raleigh, North Carolina 27699-1628



Reference: Task Authorization Form – Free Product Removal Program EMS Proposal 07-017-10 Main and Ninth Street BP, 1922 West Main Street, Durham, North Carolina Incident No. 10971, Site Rank: INTERMEDIATE/40E Free Product Risk Assessment Ranking (FPRA): 158

Dear Mr. Randolph,

Please find enclosed a directed free product removal program pre-approval/task authorization request for the above referenced facility per your NORR dated February 12, 2010.

Please review the attached Free Product Removal Program TA Form and contact me if you have any questions, comments, or if you require additional information. The period covered by this TA request spans from February through June 2010.

Sincerely, EMS Environmental, Inc.

Scott Werley

Project Manager

Attachments: 1. Free Product Removal Program TA Form

- 2. EMS proposal 07-017-10 Cost Breakdown
 - 3. NCDENR-NORR dated 2/12/2010
 - 4. Site Map from July 30, 2009

Cc: M.M. Fowler, Inc. Proposal 07-017-10

M:/7066-West Main BP\2010 Free Product Removal\2010 Proposals\07-017-10-SOW_7066.doc

NEW YORK

PENNSYLVANIA

NORTH CAROLINA

EMS ENVIRONMENTAL INC. • 117 South Hoover Road • Durham, NC 27703-3350 • (office) 919.596.0470 • (fax) 919.596.0578



Proposal for Monthly Free Product Removal and Quarterly Free Product Recovery Reporting Main and Ninth BP Service Station, GW incident No. 10971 1998 Site Rank: INTERMEDIATE/40E, Free Product Risk Rank (FPRA) 158 EMS Proposal No.07-017-10

Tasks to be performed include:

1. MONTHLY Free Product Recovery as required by 15A NCAC 2L .0404.

2. QUARTERLY Free Product Recovery Reporting as directed in NORR correspondence dated 2-12-2010.

3. SCOPE of work is for 1st Semi-Annual Period of 2010 ending June 31, 2010.

- Weils chosen for free product recovery include RW-4 only based on finding reported in 8/12/2009 Free Product Recovery Report.

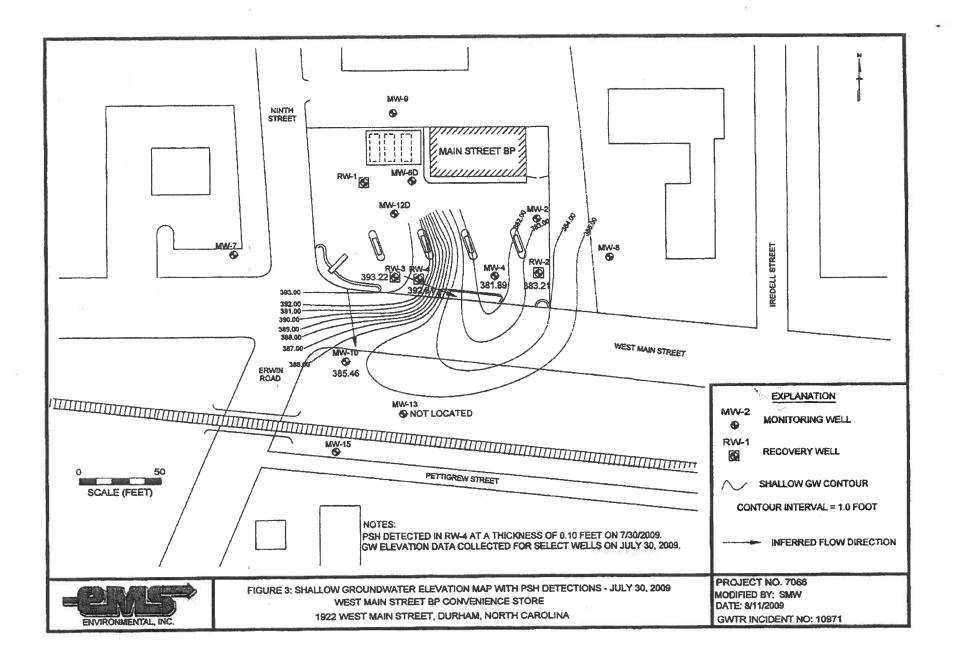
- See attached Site Plan Map (7/30/2009).

Task	Description	I	tem	Rate	Mark-up	Sub Total	Task Total
Ionthly	PSH Recovery via down well oil only sorbents on RW-4, Quarterly Free	Product R	covery Rep	orting, and	Product Stor	age and Dispos	sal
2.290	Cost for booms and sorbents (3" X 36" oil only down-well wicks)	5	wicks	\$20.00	1.00	\$100.00	\$100.00
2.300	Cost for drum	1	drum	\$40.00	1.00	\$40.00	\$40.00
2.281	Boom maintenance One well/month for 5 months (5 months remain in Semiannual period) Includes 1 hour RT travel and 1 hours onsite per month	10	hours	\$92.00	1.00	\$920.00	\$920.00
9.020	Cost for product disposal	1	drum	\$400.00	1.00	\$400.00	\$400.00
6.022	Free Product Recovery Report	2	report	\$280.00	1.00	\$560.00	\$560.00

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Total EMS Proposal 07-017-10

\$2,020.00



GV	V/UST-2	Site	Investigation Rep	port F	For Pe	erman	nent (Closur	e or Cl	nange-in-Service of U.S.T.	
FOR Return Completed Form To: TANKS The appropriate DWQ Regional Office according to the county						of the f	acility's	location		e Use Only	
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2	(D))	8616	Gasolul	K			X	K.		NOTE: if a release from the	
3	GOD	8×16	Gaseling	K			X	X		tank(s) has occurred, the site	
					-					assessment portion of the tank closure must be conducted under	
										the supervision of a P.E. or L.G., with all closure site assessment	
										reports bearing the signature and seal of the P.E. or L.G.	
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	Notify DWC	Regional Office before	e abandonment.				_	NMENT IN	100100	erflows tank opening.	
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E	Clean and	lown to tank. inspect tank.								emove vent line. - specify:	
		op tube, fill pipe, gauge e pumps and other tank	pipe, vapor recovery lank co c fixtures.	onnectio	ns,			na da serie de la composición de la com			
	Cap or plug all lines except the vent and fill lines. Purge tank of all product & flammable vapors.					REMOVAL Create vent hole.					
	Cut one or more large holes in the tanks. Backfill the area.					Label tank. Dispose of tank in approved manner. Final tank destination: D.H. Carrifficial United States.					
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North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Governor

Division of Waste Management UST Section Dee Freeman, Secretary Dexter R. Matthews, Director

February 12, 2010

Mr. Marvin Barnes M. M. Fowler 4220 Neal Rd. Durham, NC 27705

> Re: Notice of Regulatory Requirements 15A NCAC 2L .0404 Risk-based Assessment and Corrective Action for Petroleum Underground Storage Tanks

> > West Main BP 1922 W. Main St., Durham Durham County Incident Number: 10971 Risk Classification: Intermediate Ranking (RRA): I Free Product Risk Assessment Ranking (FPRA): 158

Dear Mr. Barnes:

Effective January 1, 2009, Section 12 of Session Law 2008-195 (HB 2498) provides that the Department shall annually use up to \$3,000,000 from the Commercial Cleanup Fund solely for the removal from groundwater of free product caused by releases of petroleum from regulated petroleum underground storage tanks.

The subject incident has been determined by the Department to require free product removal. Reimbursement for eligible free product removal activities may be claimed from the Commercial Cleanup Fund. Therefore, you are directed to proceed with free product assessment and/or removal activities as required by 15A NCAC 2L .0404. Specifically, because the subject incident has been assigned a relatively low FPRA Ranking and because minimal quantities of free product have been measured at the incident site, you are required to implement passive free product recovery on a monthly schedule and to submit Free Product Recovery Reports on a quarterly schedule, in accordance with the rule and the most recent version of the *Guidelines for Assessment and Corrective Action for UST Releases* within 120 days of receipt of this letter.

Because a release or discharge has been confirmed, a Licensed Geologist or a Professional Engineer, certified by the State of North Carolina, is required to prepare and certify all reports submitted to the Department in accordance with Title 15A NCAC 2L .0103(e) and 2L .0111(b).

The Department requires that all free product assessment and removal conducted with the free product removal funding provided by SL 2008-195 be preapproved. To comply with this requirement, a

completed Free Product Removal Program Preapproval/Claim Authorization Form, encompassing the required activities and using only the task codes specified by the Department, must be received in this office within 14 days of the date of this letter. (A copy of the form and the List of Allowable Task Codes for Passive FP Recovery are attached.) Upon completion of the preapproved activities, you should submit your claim promptly. Reimbursement funds are budgeted based on completed preapprovals, but lengthy delays in reimbursement can occur if claims are not submitted immediately following work completion.

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Please note that performing assessment and cleanup work that is <u>not</u> required under 15A NCAC 2L .0400 is <u>not</u> reimbursable from the Commercial Leaking Petroleum Underground Storage Tank Cleanup Funds.

If you have any questions regarding the actions that must be taken or the rules mentioned in this letter, please contact me at the address or telephone number listed below. If you have any questions regarding trust fund eligibility or reimbursement, please contact the UST Section Trust Fund Branch at (919) 733-8486.

Sincerely, Wayne E. Randolph

Hyrogeologist II Raleigh Regional Office

Attachments: Copy of Free Product Removal Program Preapproval/Claim Authorization Form List of Allowable Task Codes for Passive FP Recovery

cc: Robert Brown, Durham County Health Department Scott Werley – EMS Environmental; 117 South Hoover Road, Durham, NC 27703 RRO UST Incident files/WER

UST Regional Offices

Asheville (ARO) - 2090 US Highway 70, Swannanoa, NC 28778 (828) 296-4500

Fayetteville (FAY) - 225 Green Street, Suite 714, Systel Building, Fayetteville, NC 28301 (910) 433-3300

Mooresville (MOR) - 610 East Center Avenue, Suite 301, Mooresville, NC 28115 (704) 663-1699

Raleigh (RRO) - 1628 Mail Service Center, Raleigh, NC 27699 (919) 791-4200

Washington (WAS) - 943 Washington Square Mall, Washington, NC 27889 (252) 946-6481

Wilmington (WIL) = 127 Cardinal Drive Extension, Wilmington, NC 28405 (910) 796-7215

Winston-Salem (WS) - 585 Waughtown Street, Winston-Salem, NC 27107 (336) 771-5000

Guilford County Environmental Health, 1203 Maple Street, Greensboro, NC 27405, (336) 641-3771

FTP: FP remval passiveNOR1109.dot



Groundwater Monitoring Report First Semi-Annual 2003

NCDENR Site Name: West Main BP 1922 West Main Street, Durham, North Carolina GW Incident No: 10971 Site Rank: 40E/Intermediate

Land Use Category: Residential and Commercial Longitude: 78°50'15"/ Latitude: 35°59'30"

EMS Project No: 7066 July 24, 2003

Responsible Party:

M.M. Fowler, Inc. 4220 Neal Road, Durham, North Carolina 27703 (919) 390-2925

Consultant/Contractor:

EMS Environmental, Inc. 117 South Hoover Road, Durham, North Carolina 27703 (919) 596-0470

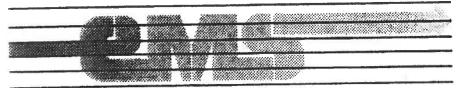
Release Information:

Date of Release: July 1993 (UST Removal) Amount of Release: Unknown Source of Release: Gasoline UST system

Prepared by: Intosh Craig M Project Manager

21) 7/24/03 **Reviewed by:** James J. Do Branch M

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ENVIRONMENTAL INC.

FIRST SEMI-ANNUAL 2003 GROUNDWATER MONITORING REPORT

	Facility Name:	West Main Street BP
で同	Facility Location:	1922 West Main Street, Durham, Durham County, NC
Statute Party	EMS Project # :	7066
1. S.	NCDENR Site Name :	West Main BP
	Groundwater Incident # :	10971
	Risk Classification/ Rank:	Intermediate/ 40E

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The following report addresses groundwater monitoring and sampling activities performed during the First Semi-Annual period of 2003 at the West Main Street BP located in Durham, North Carolina. Figure 1 is a portion of the Northwest Durham 7.5-minute quadrangle map showing the sile location, and Figure 2 is a site plan map depicting the location of relevant site features. The Soil Vapor Extraction (SVE) portion of the groundwater treatment system for this site was reinitiated on August 8, 1999 due to the results of a groundwater sample event performed on May 19, 1999.

1.1 Work Completed This Reporting Period:

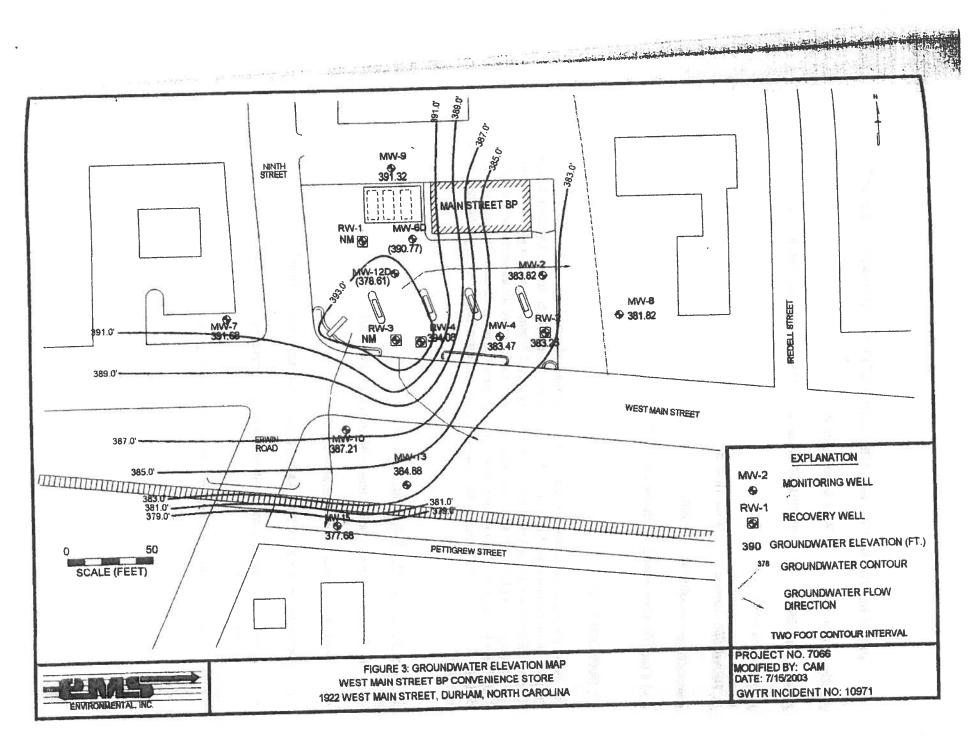
SVE effluent airbag sample was collected on May 6, 2003.

Well MW-15 was installed on June 23, 2003.

Groundwater depth to water measurements were collected on June 27, 2003. di el el

Groundwater samples were collected from 10 monitoring and 2 recovery wells on June 27, 2003.

Routine operations and maintenance activities were performed from January 1 to June 30, 2003.



SYSTEM ENHANCEMENT RECOMMENDATION REPORT

NCDENR Site Name: West Main BP 1922 West Main Street, Durham, North Carolina GW Incident No: 10971 Site Rank: 40E/Intermediate

Land Use Category: Residential and Commercial Longitude: 78°50'15"/ Latitude: 35°59'30"

> EMS Project No: 7066 March 21, 2002

Responsible Party:

M.M. Fowler, Inc. 4220 Neal Road, Durham, NC 27703 (919) 390-2925

Consultant/Contractor:

EMS Environmental, Inc. 117 South Hoover Road, Durham, North Carolina 27703 (919) 596-0470

Release Information:

Date of Release: July 1993 (UST Removal) Amount of Release: Unknown Source of Release: Gasoline UST system

Prepared By:

Craig McIntosh Project Manager

Reviewed by: 3/22/02 James Dods Senior Geol

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1.0 Introduction

The West Main Street BP is located at the intersection of Ninth and Main Street in Durham County, Durham, North Carolina. Figure 1 is a topographical location map and Figure 2 is a site plan map depicting the location of relevant site features. Site storm water runoff primarily drains into West Main and Ninth Streets storm water catchment basins located in the right-of-ways. The nearest surface body of water is an intermittent stream that flows southwest towards Sandy Creek located approximately 3/4 mile south of the site. A potential receptor survey performed by EMS personnel in on May 4, 1999 did not reveal the presence of any supply wells (potable or non-potable) within 1,500 feet of the release source.

A release of petroleum hydrocarbons was detected in conjunction with UST closure activities performed in July of 1993. Further investigation revealed a dissolved phase petroleum hydrocarbon plume extending across West Main Street, and a phase separated hydrocarbon plume in the vicinity of RW-3 and RW-4. From 1994 to 1996, free product was monitored and bailed from RW-3 and RW-4.

The site priority ranking was determined to be intermediate in accordance with the 15A NCAC 2L.0115 and the site risk questionnaire in the January 2, 1998, Volume II, North Carolina Department of Environment and Natural Resources (NCDENR) Groundwater Section Guidelines. As a result of the intermediate priority ranking, treatment of the groundwater at the site is required for that portion of the dissolved phase petroleum hydrocarbon plume exceeding the Jan 2, 1998 Gross Contamination Limits (GCLs). Historical groundwater analytical results from 1996 to the present are located in Appendix A.

The current groundwater remediation system was activated on January 3, 1996. Treatment technologies consisting of groundwater pump and treat and soil vacuum extraction (SVE) were operated continuously until July 1996. In July 1996, the treatment system was shut down due to a suspension of groundwater remediation operations by the North Carolina Department of Environment and Natural Resources-Division of Water Quality (NCDWQ). The SVE portion of the treatment system has been returned to operation as of August 18, 1999.

The purpose of this report is to describe the efficiency of the groundwater treatment system from 1996 to present in treating dissolved phase petroleum hydrocarbons. Recommendations for additional remediation strategies using existing site recovery points, underground conduit and equipment will be made in order to reduce the current groundwater concentrations to the applicable Jan. 2, 1998 GCLs.

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2.0 Remediation System Effectiveness

The pump and treat portion of the groundwater remediation system has been discontinued since its initial shut down in July of 1996 due to site reclassification. The SVE portion of the treatment system was restarted on August 18, 1999 due to the concentrations of Benzene, Toluene, Ethylbenzene, Xylenes, (BETX) and Methyl tert-beutyl ether (MTBE) in RW-3 and RW-4 observerved for a May 1999 groundwater sampling event. The concentrations of BETEX and MTBE in RW-3 and RW-4 exceeded the Jan 2, 1998 GCLs.

2.1 Pump and Treat System

Pump and treat technology with SVE was installed at the West Main Street BP and became operational January 3, 1996. Treatment activities ceased the following July of 1996 for site reclassification by the NCDENR. During the period of re-evaluation, a pneumatic liquid phase hydrocarbon (LPH) recovery system was installed in recovery well RW-4 on November 26, 1996 to address LPH detected in the well.

The last Groundwater Monitoring Report prepared prior to suspension of groundwater remediation operations in July of 1996 was submitted to the NCDENR- DWQ on July 31, 1996. Pump and treat operations, as detailed in the monitoring report submitted in 1996 indicated that approximately 2.54 cumulative gallons of dissolved phase petroleum hydrocarbons had been treated as BTEX since system startup. **Table 1** summarizes the pump and treat removal information for the period between January 3, 1996 to June 20, 1996. Suspension of the groundwater treatment system occurred in July 1996 as per the NCDENR-DWQ directive.

2.2 LPH Recovery System

Using the pre-existing system conduit installed during the pump and treat system construction, a LPH recovery system was installed on November 26, 1996 in well RW-4. The system operated for a period of five months between November 1996 to April 1997 and lowered the LPH thickness form 4.41 feet on November 26, 1996, to 0.35 feet on April 9, 1997. During that time, approximately 30 gallons of LPH was recovered from well RW-4. With the exception of monitoring the presence of LPH on site, all monitoring activities were suspended until May of 1999. Table 2 lists historical depth to water and LPH thickness while Table 3 provides a summary of historical free product recovery. A graph of LPH thickness over time is provided in Appendix B.

2.3 SVE System Removal Efficiency

The SVE portion of the remediation system has also been effective in removing soil-adsorbed phase and dissolved phase petroleum hydrocarbons. The SVE system has been operational during the periods of January 1996 through July 1996 and August 1998 to present. **Table 4** is a summary of the SVE operational data. According to the SVE removal calculations, a total of 141.80 gallons of petroleum hydrocarbons have been recovered as effluent vapor. It should be noted that three of the analytical effluent air bag samples collected between 2000 and 2001 revealed non-detectable concentrations of petroleum hydrocarbons. This may indicate that the SVE system as originally designed has reached the limits of its ability to remove petroleum hydrocarbons.

2.4 AFVR Effectiveness

Due to the ongoing re-occurrence of LPH detected in wells RW-3 and RW-4, Aggressive Fluid and Vapor Recovery (AFVR) was implemented as an efficient means of recovering groundwater and reducing liquid phase petroleum hydrocarbons. This technology was utilized to supplement ongoing active SVE remediation and as an alternative to re-activating the LPH skimmer system.

A total of seven AFVR events have been conducted at the Main and Ninth BP between December 9, 1997 and February 21, 2002. Approximately 248.66 total gallons of free product has been recovered at the site from recovery wells RW-3 and RW-4. Prior to the most recent AFVR event conducted on February 21, 2002, 1.53 feet of free product was measured in well RW-4. After the completion of the AFVR event, 0.0 feet of free product was detected. Approximately 6.0 gallons of free product was measured in the tank of the vacuum truck and another 4.26 gallons was calculated to have been vented. Table 2 provides historical free product recovery data and **Table** 5 lists the most current data readings collected during vacuum truck operations performed on February 21, 2002. Appendix C documents the AFVR emissions data calculations.



North Carolina Department of Environment and Natural Resources

Raleigh Regional Office July 1, 2004

RE:

William G. Ross, Jr. Secretary

Michael F. Easley, Governor

MR. WOODROW W. PATTISHALL 3725 US HWY 70 EAST HILLSBOROUGH, NC 27278

> Notice of Regulatory Requirements 15A NCAC 2L .0115(c) RISK-BASED ASSESSMENT AND CORRECTIVE ACTION FOR PETROLEUM UNDERGROUND STORAGE TANKS

PATTISHALL'S GARAGE (FORMER) Facility # N/A 1900 WEST MARKHAM AVENUE DURHAM, NC 27705-4809 DURHAM County Incident # 10112

Dear MR. PATTISHALL:

A review of our files confirms a release or discharge from a petroleum underground storage tank (UST) system at the above referenced location. The file contains a UST Closure Report but there is no indication that any additional assessment work was performed. Records indicate that you are the owner of this UST tank system. This letter is a standard notice explaining the actions you must take as a result of the release or discharge in accordance with North Carolina statutes and rules. The UST Section of the Division of Waste Management administers the state's rules for USTs and the required response for petroleum releases. Those rules are located in Title 15A, Subchapter 2L and Title 15A, Subchapter 2N of the North Carolina Administrative Code (NCAC).

As a responsible party, you are required to comply with the release response and corrective action requirements of 15A NCAC 2L.0115(c), which include the requirements established in 15A NCAC 2N. Listed is a general description of actions you must take to comply with State rules. For a detailed description of your requirements please refer to the enclosed rules and the most recent version of the UST Section guidelines for assessment and corrective action. The guidelines are available on the Internet at http://ust.eur.state.nc.us or may be purchased from the UST Section for a fee of \$8.50. To purchase a copy of the guidelines, please send a check made payable to DENR

to:

DENR/DWM/UST Section 1637 Mail Service Center Raleigh, NC 27699-1637

Required Actions:

- 1) If you have not already done so, you must take immediate action to prevent any further release of the regulated substance into the environment and to identify and mitigate any fire, explosion and vapor hazards; remove any free product; and comply with the requirements of Rules .0601 through .0604 and .0701 through .0703 and .0705 of Subchapter 2N;
- 2) Incorporate the requirements of 15A NCAC 2N .0704 into the report to be submitted in accordance with 15A NCAC 2L .0115 (c)(3) or (c)(4), whichever is applicable (see item #3 below). This shall constitute compliance with the reporting requirements of 15A NCAC 2N .0704(b);
- 3) If it can be demonstrated that localized soil contamination was cleaned up at the time of tank removal, you may submit a Soil Contamination Report in accordance with 15A NCAC 2L.0115(c)(3). The Soil Contamination Report must

1628 Mail Service Center, Raleigh, NC 27699-1628 phone (919)571-4700/FAX (919)571-4718/Internet:www.enr.state.nc.us/ENR/ 50% recvcled/10% post-consumer page

One NorthCarolina demonstrate that the soil remaining in the sidewalls and at the base of the excavation is located in the unsaturated zone and does not exceed either the soil-to-groundwater or the residential maximum soil contaminant concentrations, whichever are lower. A Soil Contamination Report is <u>not appropriate</u> for sites where contamination is situated directly on top of bedrock or once a tank closure excavation has been back-filled. In both cases, a Limited Site Assessment Report is required. A Soil Contamination Report, if applicable, is due in this office within 90 days of the date of receipt of this notice. Upon approval of this report, the Department may issue a notice indicating that no further action related to this incident is required; or,

4) If the requirements of 15A NCAC .0115(c)(3) cannot be met as described in Item #3 above, submit a Limited Site Assessment (LSA) Report in accordance with 15A NCAC 2L .0115(c)(4), containing information needed by the Department to classify the level of risk to human health and the environment posed by the discharge or release. The LSA Report is due in this office within 120 days of the date of receipt of this notice. Based on a review of the information submitted in the LSA, the Department will classify the risk of the discharge or release as high, intermediate or low. At that time, the Department will also classify the land use of the site as either residential or industrial/commercial. You will be notified of the risk and land use classifications once review of your LSA Report is completed.

Please note that before you sell or request a "No Further Action" determination for a property that has not been 5) remediated to below "unrestricted use" standards, you must file a Notice of Residual Petroleum ("Notice") with the Register of Deeds in the county where the property is located (NCGS 143B-279.9 and 143B-279.11). Unrestricted use standards for groundwater and soil are the groundwater quality standards and interim standards contained in 15A NCAC 2L .0202 and the residential maximum soil contaminant concentrations established in 15A NCAC 2L .0115, respectively. The Notice must first be approved and notarized by the UST Section prior to conveyance of a property or prior to receiving a "No Further Action" determination, whichever occurs first. The Notice must contain a legal description of the property containing the source of contamination and legal descriptions of any other properties that you own (or control) that are contaminated by the release. The Notice must include appropriate land use restrictions for these properties. In addition, the Notice must identify all other properties (adjacent, adjoining, down gradient, etc.) on which contamination is known to exist at the time the Notice is prepared. If contamination is located on more than one parcel or tract, the UST Section may require that a composite map or plat be prepared. After the Notice is filed with the Register of Deeds, a certified copy of the filed Notice must be submitted to the UST Section. Additional guidance including the language and format of the Notice is available by calling this regional office or visiting the UST Section web site at http://ust.enr.state.nc.us.

If you believe that any of the information requested above has already been submitted, please notify John F. Maloy of the date, title, and content of the documents that contain the information.

Your prompt attention to the items described herein is required. Failure to comply with the State's rules in the manner and time specified, may result in the assessment of civil penalties and /or the use of other enforcement mechanisms available to the State. Each day that a violation continues may be considered a separate violation. If you believe you are not the responsible party notify the UST Section within 15 days of receipt of this letter.

Please note that performing assessment and cleanup work that is not required under 15A NCAC 2L.0115 is not reimbursable from the Commercial or Noncommercial Leaking Petroleum Underground Storage Tank Cleanup Funds.

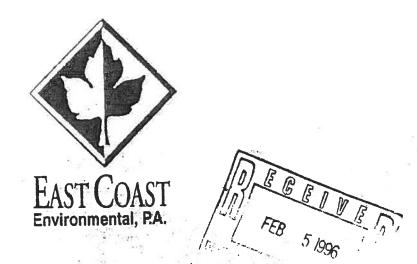
If you have any questions regarding the actions that must be taken or the rules mentioned in this letter, please contact John F. Maloy of the Raleigh Regional Office at the letterhead address and at 919/571-4700. If you have any questions regarding trust fund eligibility or reimbursement, please contact the UST Section Trust Fund Branch at (919) 733-8486.

John F. Maloy

UST Section

cc: Raleigh Regional Office Durham County Health Department East Coast Environmental, RA; 3709 Junction Blvd.; NC 27603

1628 Mail Service Center, Raleigh, NC 27699-1628 phone (919)571-4700/FAX (919)571-4718/Internet:www.enr.state.nc.us/ENR/ 50% recycled/10% post-consumer pape One NorthCarolina Naturally



REPORT FOR PERMANENT CLOSURE AND CHANGE IN SERVICE OF UST SYSTEMS (NCAC TITLE 15A, SUBCHAPTER 2N, SECTION .0802)

PATTISHALL'S GARAGE 1900 WEST MARKHAM AVENUE DURHAM, DURHAM COUNTY, NORTH CAROLINA

JANUARY 30, 1996

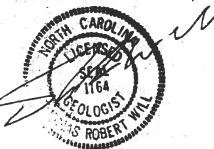
ECE Project # 9577

Prepared for:

Mr. Jay Miller 1805 West Markham Avenue Durham, North Carolina 27705

Prepared By:

East Coast Environmental, P.A. 3535 South Wilmington Street Suite 208 Raleigh, North Carolina 27603 (919) 772-0268



Suite 208, 3535 S. Wilmington Street, Raleigh, NC 27603 (919) 772-0268 Fax (919) 772-0468

1.0 EXECUTIVE SUMMARY

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East Coast Environmental, P.A. (ECE) of Raleigh, North Carolina was contracted by Mr. Jay Miller (Client) of Durham, Durham County, North Carolina to-provide environmental support in the permanent closure of three (3) Underground Storage Tank (UST) systems at Pattishall's Garage, located at 1900 West Markham Avenue in Durham, Durham County, North Carolina (*Site*). Permanent closure activities included the excavation and removal of three steel USTs. These USTs included one 1,000-gallon fuel oil, and two 2,000-gallon gasoline USTs. One of the 2,000-gallon USTs was last utilized for the storage of waste oil. Approximately 350-gallons of waste oil and 236-gallons of waste water were pumped from the waste oil UST prior to it's closure by removal. Subsequent to closure, an additional 96-gallons of waste oil sludge were removed from the waste oil UST.

The excavation and removal activities were conducted by Product Recovery Management (PRM) of Durham, N.C. ECE was on-*Site* during removal of the USTs, and noted that each was in good condition, with no evidence of extreme structural degradation. Subsequent to removal, the USTs were transported by Day Services to their facility in Raleigh, N.C., for final disposal by destruction. The product lines associated with the fuel oil UST servicing the building on-site ran from the UST location directly into the building. The product lines associated with the gasoline and waste oil USTs ran from the UST locations to the west beneath a concrete slab. None of the product lines were removed during closure activities due to space restrictions for excavation.

Soils contaminated by petroleum products were tentatively identified during UST closure activities through the use of an OVA. Approximately fifty (50)-cubic yards of soils were excavated from the UST area. These soils are stockpiled on-*Site* pending disposal options.

A total of six (6) soil samples were collected from the UST area during closure activities. These samples were screened for the presence of total petroleum hydrocarbons by representative EPA Methods which target the last or previous contents of the USTs. All samples collected for chemical analysis were submitted to a North Carolina Division of Environmental Management (DEM) certified laboratory to ensure compliance with sampling and analysis protocols.

Analytical results for the samples submitted for closure of the UST systems indicated the presence of targeted petroleum compounds above the method detection limit for *EPA Method 5030* in several of the samples submitted for analysis. In addition, two of the samples collected for closure indicated the presence of compounds targeted by *EPA Methods 9071* and *8021*. East Coast Environmental, P.A. 3535 S. S. Wilmington Street, Suite 208

2.0 BACKGROUND

2.1 Ownership of UST(s)

UST Owner(s): Jay Miller (Current Owner of property) Owner(s) Address: 1805 West Markham Avenue Durham, North Carolina 27705 Owner(s) Phone #: (919) 286-2326

(Last) Owner/OperatorWoodrow Wesley Pattishallof the USTs while they3725 U.S. Highway 70 Eastwere in useHillsborough, North Carolina 27278

2.2 Facility Information

Facility name:	Pattishall's Garage
Facility ID #:	Not Available
Facility Address:	1900 West Markham Avenue
-	Durham
	Durham County, North Carolina 27705
Facility Phone #:	Not Available

2.3 Contacts

Primary Contact Name:	Mr. Jay Miller			
Address:	1805 West Markham Avenue			
	Durham, North Carolina 27705			
Phone Number:	(919) 286-2386			
Job Title:	UST System(s) Owner			

Closure Contractor: Contractor Address:

Phone Number: Contact Name:

r

Product Recovery Management 205 Broadway Street Durham, North Carolina 27701 (919) 682-2054 Mr. Mel Phillips Primary Consultant: Consultant Address:

Phone Number: Contact Name:

Phone Number:

J

East Coast Environmental, P.A. 3535 South Wilmington Street, Suite 208 Raleigh, N.C. 27603 (919) 772-0268 Kevin Buchanan

Laboratory Name: Laboratory Address:

Geochem, Inc. 2599 Gateway Centre Boulevard, Suite 300 Morrisville, N.C. 27560 (919) 460-8093 State Certification Number: 336

2.4 UST Information

UST information is presented in Table 1, below. Initial information regarding the size of the subject USTs indicated that they were of 275-gallon (fuel oil) and 1,000-gallon (gasoline) capacities. However, upon removal of the overlying soils, the USTs were determined to be of 1,000-gallon (fuel oil) and 2,000-gallon (gasoline) capacities. Information provided by Mr. Jay Miller indicates that the USTs were not utilized since the late 1960's. In addition, Mr. Miller indicated that he had never utilized the USTs for any purpose since his purchase of the property in 1996.

UST No.	Date of Installation	Volume (gallons)	Tank Dimensions	Last Contents	Previous Contense
l	Unknown	2,000	12' X 5.3" Dia.	Waste Oil	Gasoline
2	Unknown	2,000	12' X 5.3" Dia.	Gasoline	Gasoline
3	Unknown	1,000	10.5' X 4" Dia.	Fuel Oil	Fuel Oil

Table 1 UST Information

2.5 Site Characteristics

Topographically, the Site is relatively flat and lies within the city limits of Durham, Durham County, N.C. (Figures 1 and 2). It is bordered to the north and west by other commercial businesses, to the south by West Markham Avenue, and to the east by Iredell Avenue. No water supply wells are located in proximity to the Site. The only structure on the Site is a brick/block building, formerly used for motor vehicle repairs. At the present time, the Site is not utilized for any purpose, although Mr. Miller plans to make use of the property in the future as a part of the Music Loft.

Soils encountered in the UST excavation were assumed to be representative of the Site. From surface grade to a depth of approximately 3.5-feet beneath surface grade, a dark-brown and gray medium silty clay was noted. Beneath 3.5-feet to a depth of approximately 8.5-feet, a brown and gray clay was encountered. Beneath 8.5-feet, medium to coarse tan and brown weathered sandstone was encountered. The soils encountered throughout the excavation to a depth of approximately 8.5-feet were moist (possibly due to recent high rainfall in the area). A small amount of water (approximately 5-gallons) was noted beneath UST # 2, attributable to rainfall in the area. There was no indication that the water observed in the excavation was groundwater.

The Geologic Map of North Carolina¹ identifies the Site as lying within the Newark Subgroup of the Triassic Basin, specifically the Chatham Group, typified by arkosic sandstone, tan, medium to very coarse-grained, micaceous soils.

No known past releases of petroleum product(s) are known to have occurred on the Site. Observations made in the field by ECE personnel, however, indicate that a release occurred from one or more of the UST systems closed on the Site during these activities. These observations include staining of the soils in the vicinity of the product lines, readily apparent petroleum odors in random samples collected during excavation, and the indication of volatile vapors in several of the samples collected for closure of the UST systems.

ł Resources

East Coast Environmental, P.A. 3535 S. S. Wilmington Street, Suite 208 Raleigh, N.C. 27603

4.0 SITE INVESTIGATION

4.1 Field Screening Procedures and Observations

Field screening of soils removed from the excavation were initially conducted by sight and smell. Visible evidence of staining associated with a release was observed on the *Site*. Vapor screening of closure samples CS-1 through CS-6 collected from beneath the USTs tentatively indicated the presence of volatile vapors at levels between 20 and 5,120 ppm. These samples were submitted for chemical analysis by EPA Methods representative of the last and previous contents of the USTs.

The OVA was calibrated in the field prior to use. This task was accomplished by screening comparison or *span gas* (400-ppm) with ambient air. Adjustments necessary for the calibration of the unit were performed in the field.

No appreciable amount of water was observed in the excavation. Although a minimal amount of water (approximately 5-gallons) was observed beneath the base of UST # 2, ECE does not feel that this water is representative of groundwater, and no recharge of water was noted upon excavation in the area of the water observed in the pit.

A free product film was noted on the water beneath UST # 2. The free product was removed from the excavation by forcing soils onto the area of water/product to absorb the liquids. These soils (and approximately 1-foot of underlying soils) were excavated from the UST area and stockpiled with the other soils generated during excavation activities.

4.2 Soil Sample Procedures and Locations

Soil samples collected for UST closure originated at the locations shown on Figure 3. These sample locations were chosen based on the Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater, March, 1993 edition (with June, 1993 Revisions Incorporated). Samples CS-1 through CS-4 were collected at depths of approximately 10.3-feet beneath surface grade (some 2-feet beneath the former gasoline UST bases). These samples were collected from soils recovered from the excavation with a backhoe. Samples CS-5 and CS-6 were collected at depths of approximately 9.5-feet beneath surface grade (some 2-feet beneath the former fuel oil UST's base). These samples were also collected from soils recovered from the excavation with a backhoe.

The soil samples were properly contained in pre-washed laboratory grade sample containers in accordance with the analyses for which the samples were submitted. These sample containers were provided by *Geochem*, *Inc.*, a licensed (NC #336) analytical laboratory located in Morrisville, N.C.

A description of analytical test methods can be found in EPA Reference Manual SW-846, reference to which is hereby made.

Samples CS-1 and CS-2 were submitted for chemical analysis by *EPA Methods 5030* (TPH as gasoline), 9071 (Oil and Grease) and 8021 (Halogenated Solvents). Duplicate samples were collected for potential chemical analysis by *EPA Method 1311-Metals* (TCLP-Metals)

Samples CS-3 and CS-4 were submitted for chemical analysis by EPA Method 5030 (TPH as gasoline).

Samples CS-5 and CS-6 were submitted for chemical analysis by EPA Methods 5030 (TPH as gasoline) and 3550 (TPH as diesel)

4.4 Quality Control Measures

Samples CS-1 and CS-2 were collected at 1630 hours and 1620 hours, respectively, on January 3, 1996. Samples CS-3 and CS-4 were collected at 1020 hours and 1035 hours, respectively, on January 4, 1996. Samples CS-5 and CS-6 were collected at 1150 hours and 1155 hours, respectively, on January 4, 1996. All samples were collected from soils excavated from the UST area with a backhoe. Subsequent to collection, all samples were place on ice in a cooler, and transported to ECE's office location for storage. The samples were released to Geochem, Inc. at 0918 hours on January 5, 1996 for transport and chemical analysis. The samples were transported from ECE to the laboratory via Geochem's sample courier service.

As a licensed analytical laboratory in North Carolina, Geochem maintains its own QA/QC program for sample analyses. The QA/QC results for this project are an attachment to the analytical data.

4.5 Investigative Results

Field observations on the *Site* indicated the potential for a release, and tentatively identified volatile vapors in samples collected from the base of the UST excavation through the use of an OVA The results of soils screening with the OVA indicated the presence of volatile vapors at levels between 20 and 5,120-ppm.

A Site Sensitivity Evaluation (SSE) was prepared for the Site during closure activities. The Site was identified by the SSE as a Category E Site. This determination is based on the fact that no known water supply well(s) are contaminated or within 1,500-feet of the Site, and the area is serviced by an accessible water supply. The total Site characteristic score was calculated as 70. The initial cleanup levels for the Site were determined to be 60 ppm for low boiling point hydrocarbons, 240 ppm for high boiling point hydrocarbons, and 700 ppm for heavy fuels - oil and grease (O&G). The final cleanup levels for the Site were calculated to be 180 ppm for low boiling point hydrocarbons, and 2,100 ppm for heavy fuels - oil and grease.

Soil samples collected for closure of the UST system were subjected to chemical analysis by EPA Methods representative of the last and previous contents of the UST for which the sample(s) were collected.

Samples CS-1 and CS-2 were submitted for chemical analysis by EPA Methods 5030 (TPH as gasoline), 9071 (Oil and Grease) and 8021 (Halogenated Solvents). Duplicate samples were collected for potential chemical anlysis by EPA Method 1311-Metals (TCLP-Metals)

Samples CS-3 and CS-4 were submitted for chemical analysis by EPA Method 5030 (TPH as gasoline).

Samples CS-5 and CS-6 were submitted for chemical analysis by EPA Methods 5030 (TPH as gasoline) and 3550 (TPH as diesel)

Analytical data for the samples indicated the presence of targeted compounds in several of the samples submitted for analysis. Table 2 denotes analytical data for *EPA Methods 5030*, 3550 and 9071 for the samples collected from the *Site* at the time of closure activities.

	Result (ppm)	Result (ppm)	Result (ppm)
Sample ID	EPA Method 5030	BRANGERORKSSO	ELA Method 9071
CS-1	349	NA	282
CS-2	BDL	NA	219
CS-3	80	NA	NA
CS-4	50	NA	NA
CS-5	BDL	BDL	NA
CS-6	BDL	BDL	NĂ
RC*	10:0	48.0	250

Table 2Analytical Data - Soils

* Reportable Concentration identifies levels which must be reported to the NCDEHNR-DEM. NA Denotes "sample not analyzed by this EPA Method"

Part of the

Closure samples collected from beneath UST # 1 were subjected for additional analysis by EPA Method 8021, in accordance with the Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater. The results of the EPA-8021 analysis of samples CS-1 and CS-2 is noted in Table 3:

Analyte	C8-1	CS+2
Benzene	781.9	BDL
1.2-Dichloropropane	BQL	0.72
Tolstene	51,605.4	96
Ethylbenzene	15,414.6	42.36
m.p-Xylene	56,855.3	164.4
o-Xylene-	18,877.3	82.08
Isopropylbenzene	2,122.3	BDL
n-Propylbenzene	5,138.2	16.68
1,3,5 Trimethylbenzene	10,946.6	44.76
12.4 Trimethylbenzens	26,026.1	150
sec-Butybenzene	2,457.4	6.12
a-Butylbenzene	11,393.4	59.88
1,2-Dichiorabenzene	BQL	1.68
Napthaleae	4,021.2	85.08

 Table 3

 Analytical Data (Soils)- EPA Method 8021 (ppb)

BQL denotes "Beneath quantitative limit" BDL denotes "Beneath detection limit"

Analytical data is presented as an attachment in Appendix IV.

A Site Investigation Report (GW/UST-2) is presented as an attachment in Appendix V.

The Site Sensitivity Evaluation (SSE) Form produced for the site is presented as an attachment in Appendix VI.

5.0 CONCLUSIONS AND RECOMMENDATIONS

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Based on field observations made by ECE personnel on the Pattishall's Garage Site at the time of the UST closures conducted on January 3 and 4, 1996, it is apparent the a release had occurred from one or more of the UST systems. The condition of the USTs subsequent to their removal indicates that the release or releases on the Site likely originated from the delivery system(s) associated with the USTs, rather from the USTs themselves.

Analytical data for the soil samples collected for closure of the UST systems indicated the presence of targeted compounds in samples CS-1, 2, 3 and 4. Levels indicated in samples CS-1, 3 and 4 by *EPA Method 5030* were in excess of the reportable concentration for low boiling point hydrocarbons. The level indicated in sample CS-1 by *EPA Method 9071* was in excess of the reportable concentration for heavy fuels - oil and grease.

Analytical data for *EPA Method 8021* (CS-1 and CS-2) indicated the presence of several compounds at levels above the method detection limit. The presence of (any) compounds in the samples indicates the need to submit additional samples for analysis by EPA Method 1311-Metals (TCLP-Metals).

The presence of the chemical compounds indicated by laboratory analysis indicates that one or more petroleum hydrocarbon plumes exist in the soils beneath the *Site*. The magnitude of the plume or plumes was not determined during the conduct of the UST closure activities.

The closure activities performed on the Site and the preparation of this Report for Permanent Closure and Change in Service have been conducted in such a manner as to conform to the guidelines for UST closure as described by North Carolina Administrative Code (NCAC), Title 15A, Subchapter 2N, Section .0803.

ECE recommends that the recipient of this report forward a copy of this report and all attachments to the *NCDEHNR-DEM*, Raleigh Regional Office, to the attention of Mr. Michael Linscott.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of Mr. Jay Miller, his successors, assigns or duly authorized designees. This study was conducted in accordance with generally accepted environmental practices. No other warranty, expressed or implied, is made. ECE's conclusions and recommendations are based on information supplied by others, together with ECE's own *Site* observations. Although ECE cannot be responsible for the accuracy of data supplied by others, ECE has no reason to suspect that any of the information is inaccurate. The observations described herein are based upon conditions readily visible at the *Site* at the time of ECE's visit, in addition to information provided by the client.

ECE, by virtue of providing the services indicated in this report, does not assume responsibility for the person(s) in charge of the *Site*, nor otherwise undertake responsibility for reporting to any local, state or federal public agencies any conditions at the *Site* that may present a potential danger to public health, safety or the environment. It is the responsibility of Mr. Miller to notify the appropriate local, state or federal public agencies as required by law, or otherwise to disclose, in a timely manner, any information that may be necessary to prevent any danger to public health, safety or the environment.

East Coast Environmental, P.A. appreciates the opportunity to be of service during UST closure activities. Should you have any questions, comments, or require additional information, please feel free to contact ECE at your earliest opportunity.

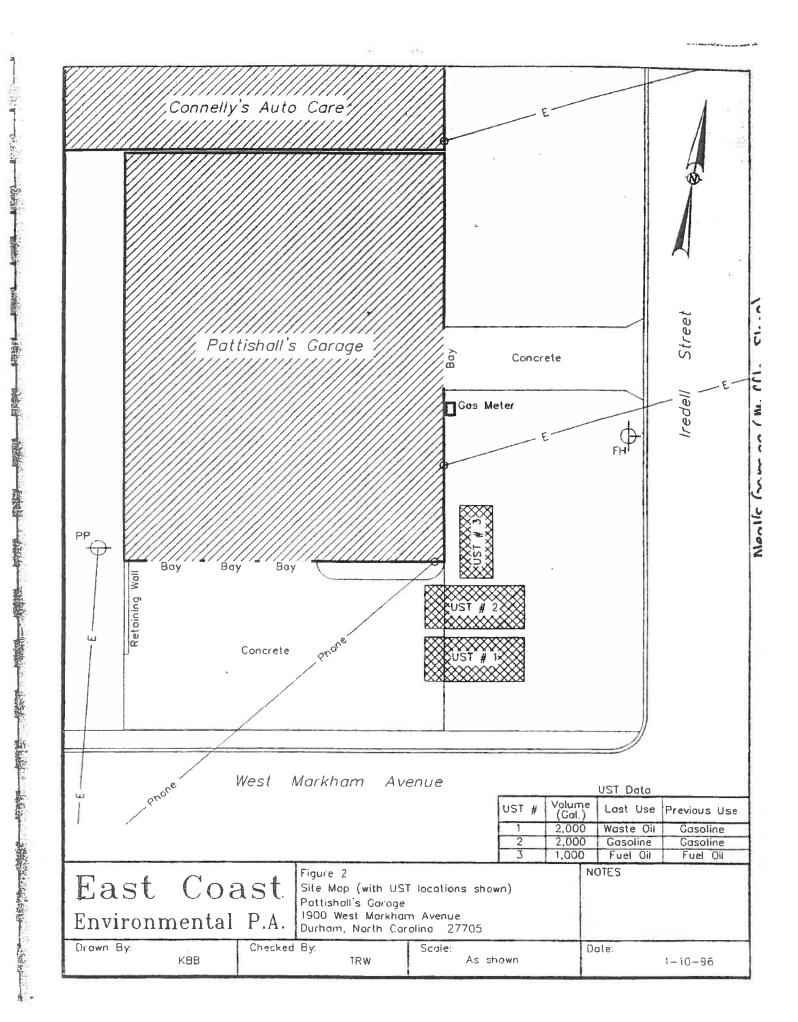
Respectfully, East Coast Environmental, P.A.

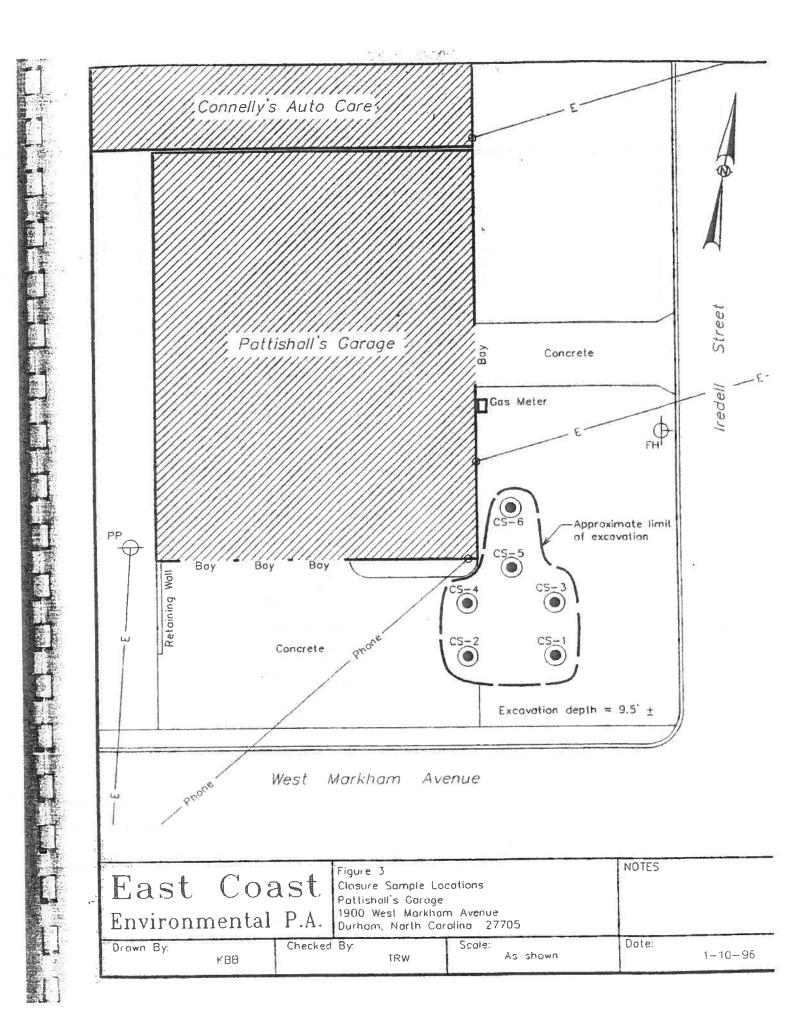
Kevin B. Buchanan Project Manager

Thomas R. Will, L.G. # 1164 President

East Coast Environmental, P.A. 3535 S. S. Wilmington Street, Suite 208 Rateigh, N.C. 27603

Nognetic NORTH 07" 00' Grid NORTH 01' 13' UIM Grid and 1987 Magnetic NORIH 127. REFERENCE: United States Department of the Interior, Geological Survey U.S.G.S. Quadrangle for: NORTHWEST DURHAM, N.C. 1987 1:24000 SCALE 8000 6000 7000 0.0 1000 2000 3000 4000 5000 NOTES Figure 1 East Coast Site Location Map Pottishali's Garage 1900 West Markham Avenue Environmental P.A. Durham, North Carolina 27705 Date: Checked By: Scale: Drown By 1-10-96 As shown TRW KBB





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State Of North Carolina

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES DIVISION OF SOLID WASTE MANAGEMENT P.O. EOX 27687 RALEIGH, NC 27611-7687

March 25, 1991

EFENARE'S FORMAL WEARE INC. 734 MINTH STREET DURHAM, NO 27705

RE: EPA ID No NCD986187243

Dean Sir:

....

Listed above is your EPA ID number which has been assigned by the EPA. As a Small Generator, you should be familiar with N.C. Hazardous Waste Manager must Regulations 10 NCAF 10F .0002 Definitions; contained in 40 CFR 260.10 (Subpart B), 10 NCAF 10F .0029 Identification and Listings of Hazardous Waste; contained in 40 CFR 261.1 (Subpart A-D) and 10 NCAF 10 F .0030 Stan dards for Hazardous Waste Generations; contained in 40 CFR 262.10 - 262.40 (Subpart A-D).

If you wish to obtain a copy of the actual regulations, you may do so by contacting the Hazardous Waste Section, Division of Solid Waste Management, P.O. Box 27697, Baleigh, NC 27611-7687. To cover the cost of printing, a fee of \$12.00 is charged for a copy of the regulations.

NCSU provides a training program for small generators which you may want to attend. The Department has a contract with NCSU to conduct training for small generators. Call Linda Watkins at (919) 737-3002 for a flyer describing the workshops in your area.

The Hazardous Waste Section contains a Technical Assistant Unit which is available to answer questions. The Unit can be reached by contact the Section Office at (919) 733-2178.

Siporarely

R & Edwards, Administrative Officer Technical Assistance Unit Harardous Waste Section Division of Solid Waste Management

CO: TERRY WADDELL

Attachment

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EPA Form 8700-12 (01-90) Previous edition is obsolete. 1:12

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Form Approved. OMB No. 2050-0028. Explices 10-31-91 Please print or type with ELITE type (12 characters per inch) in the unshaded areas only 054 No. 0246-EPA 01 **ID - For Official Use Only** VIII. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes.: Refer to instructions.), **B. Used Oll Fuel Activities** A. Hazardous Waste Activity 1. Off-Specification Used Oil Fuel Treater, Slorer, Disposer (at Installation) Note: A permit is required for 1. Genetator (See Instructions) 3 a. Generator Marketing to Burner a. Greater than 1000kg/mo (2.200 lbs.) this activity; see instructions. b. Other Markerer b. 100 to 1000 kg/mo (220 - 2,200 lbs.) Hazardous Waste Fuel c. Less than 100 kg/mo (220 lbs.) Burner - Indicate device(s) a. Generator Marketing to Burner Ċ. Type of Combustion Device 2. Transporter (Indicate Mode In boxes 1-5 below) b. Other Marketers 1. Utility Boiler a. For own waste only c. Bumer - indicate device(s) -2. industrial Boiler Type of Combustion Device b. For commercial purposes 3. Industrial Furnace 1. Utility Boller Mode of Transportation 2. industrial Boiler. **1. Alr** : 3. Industrial Fumace 2. Specification Used Oil Fuel Marketer (or On-site Burner) Who First Claims the Oil Meets the Specification 2. Rall 3. Highway 5, Underground Injection Control 4. Water 5. Other - specify IX. Description of Regulated Wastes (Use additional sheets if necessary) A. Characteristics of Nonlisted Hazardous Wastes, Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 251.20 - 261.24) 1. Ignilable 2. Corrosive 3. Reactive 4. EP Toxic (List specific EPA hazardous waste number(s) for the EP Toxic contaminant(s)) (0003) (D000) (10001)(<u>D002</u>) ι - (B. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33. See Instructions if you need to list more than 12 waste codes.). 6 5 3 4 2 1 A 0 12 10 11 A 9 7 C. Other Wastes. (State or other wastes requiring an I.D. number. See instructions.) 6 2 3 A 1 X. Certification I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and Imprisonment. Name and Official Tille (type or print) Date Signed Signature TEAN LARENZA. an 3 XI. Commentsuc WERE REFERENCE VICIAN (oc) (0 8d7 17-1 1 44167 Note: Mall completed form to the appropriate EPA Regional or State Office. ISee Section III of the booklet for addre

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. VI	UST-2	Site I	nvestigation Repo	irt For Per	manent C	losure	or Cha	nge-in-Service of U.S.T.
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ab: **		/. U.S.T. Informatio	Address:	V. Exc	avation Con	dition		VI. Additional Information Required
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ت	5509	3' x 8'	<u>#7 Heating 013</u>	11 k			1	Professional Engineer or Licensed Geologist. After Jan.1, 1994, all
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MAIL

MAR 2 - 2007



North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor William G. Ross Jr., Secretary

Division of Waste Management Underground Storage Tank Section

Dexter R. Matthews, Director

March 1, 2007

Mr. Marvin Durham 213 Orange Highschool Hillsborough, NC 27278

Re:

Notice of Regulatory Requirements 15A NCAC 2L .0404 and 2L .0405 Risk-based Assessment and Corrective Action for Petroleum Underground Storage Tanks

Exxon - Durham Facility # 0-002115 2508 Hillsborough Rd Durham, NC 27705 Durham County Incident # 20479 Risk Classification: N/A Ranking: N/A

Dear Mr. Durham:

Information received by this office on August 20, 1999 confirms a release or discharge from a petroleum underground storage tank (UST) system at the above-referenced location. Records indicate that you are the owner or operator of this UST system. Therefore, as a responsible party, you must comply with the initial response and abatement action requirements of Title 15A NCAC 2L .0404 and, if applicable, the assessment and reporting requirements of Title 15A NCAC 2L .0405, within the timeframes specified in the attached rules.

Because a release or discharge has been confirmed, a Licensed Geologist or a Professional Engineer, certified by the State of North Carolina, is required to prepare and certify all reports submitted to the Department in accordance with Title 15A NCAC 2L .0103(e) and 2L .0111(b).

Please note that before you sell, transfer, or request a "No Further Action" determination for a property that has not been remediated to below "unrestricted use" standards, you must file a Notice of Residual Petroleum ("Notice") with the Register of Deeds in the county where the property is located (NCGS 143B-279.9 and 143B-279.11).

Failure to comply with the State's rules in the manner and time specified may result in the assessment of civil penalties and/or the use of other enforcement mechanisms.

If you have any questions regarding trust fund eligibility or reimbursement from the Commercial or Noncommercial Leaking Petroleum Underground Storage Tank Cleanup Funds, please contact the UST Section Trust Fund Branch at (919) 733-8486. If you have any questions regarding the actions that must be taken or the rules mentioned in this letter, please contact me at the address or telephone number listed below.

Sincerely,

John F. Maloy Raleigh Regional Office

Enclosures:

Title 15A NCAC 2L .0404 and 2L .0405

cc: Raleigh Regional Office/JFM- 1628 Mail Service Center, Raleigh, NC 27699 (919) 791-4200 Durham County Health Department UST CLOSURE REPORT Durham's Exxon 2508 Hillsborough Road Durham, Durham County, North Carolina El Project No. 15-906-429

> Prepared for Adrian Durham Durham Automart 3700 Hillsborough Road Durham North Carolina 27705



ENVIRONMENTAL INVESTIGATIONS, INC.

August 18, 1999

UNDERGROUND STORAGE TANK CLOSURE REPORT

The closure report should contain, at a minimum, the following information. Any other information that is pertinent to the site should be included.

I. General Information

- A. Ownership of UST(s) 1. Name of UST owner: Marvin Durham
 - 2. Owner address and telephone number: 213 Orange Highschool Road Hillsborough, NC 27278 (919) 286-0105
- B. Operator of UST(s) Marvin Durham

C. Facility Information 1. Facility name: Durham's Exxon

2. Facility ID #: 0-002115

3. Facility address, telephone number and county: Durham's Exxon 2508 Hillsborough Road Durham, Durham County, North Carolina Telephone: (919) 286-0015

D. Contacts

1. Name, address, telephone number and job title of primary contact person: Adrian Durham Durham Automart 3700 Hillsborough Road Durham, North Carolina 27705 (919) 249-6811

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 Name, address and telephone number of closure contractor: Soil Solutions, Inc.
 1703 Vargrave Street
 Winston-Salem, North Carolina 27107
 (336) 725-5844 3. Name, address and telephone number of primary consultant: Environmental Investigations (EI) 2327 Englert Drive, Suite 1 Durham, NC 27713 (919) 544-7500

4. Name, address, telephone number, and State certification number of laboratory: Paradigm Analytical Laboratories, Inc. 2627 Northchase Parkway S.E. Wilmington, North Carolina 28405

(910) 350-1903 State certification #481

E. UST Information

Tank No.	Installation dates	Size in (Gallons)	Tank Dimensions (Feet)	Last Contents	Previous Contents (if any)
UST-1	11/68	7,500	20' x 95"	Gasoline	unknown
UST-2	Unknown	550	6' x 4'	Kerosene	unknown
UST-3	11/51	5,000	18' x 6'6"	Gasoline	unknown
UST-4	11/51	2,500	15'2" x 93.5"	Gasoline	unknown .
UST-5	11/68	550	67" x 48"	Waste Oil	unknown
UST-6	Unknown (Orphan)	1,000	150" x 44"	Gasoline	unknown
UST-7	Unknown	550	Est. 18' x 64"	Heating Oil	unknown

F. Site Characteristics

1. Describe any past releases at this site:

On April 13, 1999, Salam Murtada of the North Carolina Division of Waste Management, (NCDWM) conducted an inspection at the Durham's Exxon facility. Subsequently, on June 8, 1999, the NCDWM drafted a letter to Mr. Adrian Durham, informing him that the site was in a violation of applicable regulations for failing to report a suspected release within 24 hours. However; the letter does not reference details or the date of the release. No other information concerning past releases is presently known.

2

2. Is the facility active or inactive at this time? If the facility is inactive note the last time the USTs were in operation:

The facility is inactive as a commercial gasoline station. However; the facility is in operation as an automobile repair facility (**Photograph 1**). According to Mr. Adrian Durham, the USTs were not used after 1996. Site photographs are presented in **Appendix G**.

3. Describe surrounding property use (for example, residential, commercial, farming, etc.) Land usage within 1,500 feet from the subject property consists of commercial and residential properties.

4. Describe site geology/Hydrogeology

The subject property is located in the Piedmont physiographic province of North Carolina in an area known as the Durham Triassic Basin (**Figure 1**). The Durham Triassic Basin is a subbasin of the Deep River Triassic Basin of North Carolina. The Durham Basin consists of sedimentary rocks of Upper Triassic age (220 million years old). According to the Geologic Map of North Carolina published by the Department of Natural Resources and Community Development (Brown, 1985), the rocks underlying the subject property are underlain by the sediments of the Chatam Group; specifically, arkosic sandstone and clayey sandstone. These sediments are interbedded with brown to dark-gray sandstone and Triassic mudstone. North of the subject site, the Triassic Basin sediments are intruded with diabase dikes and sills. No major features such as faults or fractures are known to occur near the subject property. In addition, no outcrops of bedrock were visible at the subject property.

5. Describe results of receptor survey (water wells, basements, migratory pathways, etc.) within 1,500 feet of the facility. To be performed if release has occurred.

A *limited* well receptor survey was performed on July 15, 1999, within 1,500 feet of the subject property. Based on water meters and fire hydrants, it appears the subject property and surrounding area are supplied by city water. However, at least two suspected private water supply wells were observed within approximately 750 and 1,000 feet, from the site. No information is known regarding the groundwater quality at the subject property or from the water supply wells. A well receptor map is presented as **Figure 2**.

II. Closure Procedures

A. Describe preparations for closure including the steps taken to notify authorities, permits obtained and the steps taken to clean and purge the tanks.

El obtained a "Tank Removal" permit from the City of Durham, NC on July-7, 1999 (Appendix I). A Notice of Intent: UST Permanent Closure form (GW/UST-3 Rev. 10/96) was submitted to the NCDWM, UST Section, Raleigh Regional Office on June 18, 1999 (Appendix A).

Purging is the removal of flammable vapors from a tank to deprive a potential fire of any source of fuel. Inerting is the displacement of oxygen from a tank to deprive a potential fire of a source of oxygen. Either purging or inerting causes the displacement of flammable vapors from tanks. The following steps were taken to inert, purge, test for flammability and clean the tanks:

- three fuel dispensers were dismantled and petroleum product was pumped from the associated product lines;
- a vacuum truck was utilized to purge product and flammable vapors from the seven USTs (Photograph 2);

- the USTs were inerted by adding approximately 250 pounds of solid carbon dioxide, known as dry ice, per guidelines drafted by the American Petroleum Institute (API) Recommended Practice 1604 (Third Edition, March 1996);
- each tank's atmosphere and the excavation pits were routinely tested for flammable vapors with a combustible gas indicator (CGI). These tests were conducted by Soil Solutions, Inc. under the supervision of El and/or Mr. Edward Reed, a representative of the Durham Fire Department. The flammability tests conducted for the USTs showed readings within an acceptable safe range of 10 percent or less of the lower explosive limit and an oxygen content below 8.0 %;
- the exterior of the USTs were cleaned of debris by Soil Solutions personnel during the closure activities. Once the USTs were exteriorly cleaned, they were loaded onto a low boy tractor-trailer and transported to Safeway Tank Disposal Inc. Upon delivery, the interior of the tanks were reportedly cleaned in accordance with guidelines drafted by API 1604, 1987 "Removal and Disposal of Used Underground Petroleum Storage Tanks". The tank disposal manifest documenting the destruction of the USTs is presented in **Appendix C**.

B. Note the amount of residual material pumped from the tank(s):

Soil Solutions subcontracted Shamrock Environmental Corporation and HOH Corporation which purged the subject USTs and/or the tankpit into a vacuum truck and/or disposal truck. Approximately 13,544 gallons of non-hazardous (residual material) was pumped from the subject USTs, while 100 gallons of sludge was removed from the USTs. Of the 13,544 gallons of contaminated material, approximately 900 gallons consisted of gasoline and approximately 12,644 gallons consisted of non-hazardous waste water or non-hazardous contaminated combustible liquid.

C. Describe the storage, sampling and disposal of the residual material:

The residual material was transported off site. According to the subcontractors, the residual material was disposed in accordance with applicable local, state and federal regulations. The "Certificates of Disposal" documenting the disposal of sludge, non-hazardous contaminated wastewater and non-hazardous contaminated combustible liquid are listed as Shamrock Manifest Document Nos. 17013 and HOH Manifest Document No. 6889, 5012, 5013, 5015 and 5715. The documents are presented in **Appendix D**.

D. Excavation

Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" on limiting excavations. The Trust Fund will not pay for excessive excavation unless it is justified and verified by laboratory results.

1. Describe excavation procedures noting the condition of the soils and the dimensions of the excavation in relation to the tanks, piping and/or pumps:

Overburden and surrounding soils in the vicinity of the seven USTs were uncovered with a trackhoe and/or a backhoe (**Photographs 3, 4 and 5**). Soils that exhibited elevated head space volatile organic compounds (VOCs) (field instruments), petroleum staining (field indicator) and/or excessive petroleum odors (field indicator) were removed from the tankpits and loaded onto dump trucks and transported off site for treatment. Following purging, pumping and inerting activities, the USTs were removed from their respective tankpits with a trackhoe and/or backhoe.

Once the USTs were removed from the tankpits, based on field indicators and field instruments, at the approval of the tankowner, additional suspected petroleum-impacted contaminated soils were removed, utilizing the NCDWM five-foot rule, with a trackhoe and/or backhoe in the vicinity of four areas as follows: a common tankpit consisting of USTs designated for this report as UST-3,

UST-4 and UST-6 (orphan UST) (Photograph 6), located on the southeastern portion of the property; the former pump island located in the center of the site; a second common tankpit consisting of USTs designated as UST-1 and UST-2 located on the northeastern portion of the property, suspected surficial waste oil stained soils located to the rear of the facility and in the

vicinity of USTs designated as UST-5 and UST-7. The condition of the soils, the final limits of the excavation and the quantity of soil removed for

treatment are described below:

UST-3, UST-4, UST-6 tankpit

- Soils within the UST-3,4 & 6 tankpit appeared to be impacted immediately at the surface upon excavation. Head space measurements conducted with a field instrument showed indications of VOCs ranging from 260 to 323 parts per million (ppm). In addition, some . petroleum staining and elevated petroleum odors were noted within the pit.
- The final limits of the excavation resulted in an outer and inner excavation. The outer excavation required to remove the USTs was sloping back on the east/northeast and on the western portion of the tankpit. Approximately 78 tons of soil requiring treatment was removed in this area. The excavation was sloping, as recommended by OSHA and the NCDWM. The inner excavation was conducted to remove additional suspected petroleumimpacted soils within the tankpit. Due to the slope of the walls of the tankpit, approximately 230 tons of soils was removed for treatment and was excavated in the center of the pit.
- The dimensions of the outer excavation measured approximately an average length of 10.0 feet by an average width of 15.0 feet by an average depth of 8.5 feet below the land surface (bls). The dimensions of the inner excavation (five-foot rule) measured . approximately an average length of 19 feet, by an average width of 15.0 feet by an average depth of 14.5 feet bls. At the final limits of the vertical excavation, field instruments and field indicators still showed the possible presence of petroleum-impacted soils.

UST-1, UST-2 tankpit

Approximately 150 tons of overburden and surrounding soils associated with removing UST-1 and UST-2 from the surface to approximately 4.0 to 5.0 feet in depth showed low ranges of VOCs (1.8 to 34.0 ppm) and did not indicate field indicators of petroleum contamination, therefore a majority of these soils were stockpiled on the site and utilized as backfill material. Soils located at a depth below 5.0 feet bls indicated elevated field instrument measurements (ranging from 78.0 to 160.0 ppm) and elevated field indicators, therefore approximately 240 tons of soil was loaded, and transported off site for treatment. Due to the presence of a retaining wall and its structural integrity located on the northeastern portion of the property, no additional soils were excavated beneath UST-1. At the maximum depth of the excavation, the presence of a substance resembling free product (small pocket beneath eastern portion of UST-1, estimated to be 1.0 feet in length by 1.0 feet in width) and field indicators were noted. However, due to the integrity of the retaining wall, and with the concurrence of the contractor, it was not feasible to remove the free product and the excavation was backfilled.

- The final limits of the tankpit consisting of UST-1 and UST-2 measured approximately 30.0 feet in length by an average width of 18.0 feet by an average maximum depth of 13.0 feet bls.

Pump Island Excavation

In order to assess the subsurface associated with the pump island, the contractor utilized a trackhoe to dismantle the steel overhead canopy (**Photograph 7**). Based upon field screening, and field indicators approximately *38* tons of suspected petroleum-impacted soils were excavated. The final limits of the former pump island measured approximately 20.0 feet in length by an average width of 5.0 feet by an average maximum depth of 7.0 feet bls (**Photograph 8**). At the maximum depth of the excavation, field indicators still indicated the possible presence of petroleum impacted soil. Due to the five-foot rule, the excavation ceased.

UST-5, UST-7 Tankpit

- Soils located to the rear of the facility, in the vicinity of the waste oil UST (UST-5) and heating oil UST (UST-7), displayed surficial petroleum staining to a depth of approximately 2.0 feet bls. One field screening sample collected at 1.0 feet, located approximately 20 feet east of UST-7, showed VOCs of 1,534.0 ppm. Thus, surficial waste oil stained areas were excavated in two separate areas situated between UST-5 and UST-7. The final limits of the excavations were measured as 23.0 feet in length by 5.0 feet wide to a depth of 2.0 feet bls in the vicinity of UST-5 and 10.0 feet in length by 5.0 feet wide to a depth of 2.0 feet bls in the vicinity of UST-7. Approximately a total of *23* tons of stained soils was removed from this location for treatment.
- The dimensions of all the final excavation limits are illustrated in the Site Map presented as Figure 3 and 4.

2. Note the depth of tank burial(s) (from land surface to top of tank):

The depth of tank burial from the land surface to the top of the USTs is as follows: UST-1 at 5.0 feet, UST-2 at 4.0 feet, UST-3 at 3.0 feet, UST-4 at 1.5 feet, UST-5 at 41 inches, UST-6 at 3.0 feet and UST-7 at 4.5 feet bls.

3. Quantity of soil removed:

Based on field measurements, approximately 609 tons of soil was removed from the site. Based on weight tickets, a total of 605.5 tons of "suspected" petroleum-impacted soil was removed from the subject property.

4. Describe soil type(s):

The soils surrounding and beneath the subject USTs are described using the Unified Soil Classification System (USCS) as: Reddish brown to tan fine to medium CLAY (CL-CH) from the land surface to a depth of approximately 12.0 feet below land surface (bls). The clay layer was underlain by Saprolite to the investigative depth of 14.5 feet bls.

5. Type and source of backfill used:

The backfill material used to compensate for the tank vessel void consisted of primarily off-site virgin soils. A small portion (approximately 100 cubic yards or 150 tons) of overburden soils showing low headspace VOCs were used as backfill material. VOCs tested in overburden soils were screened using a Mini-RAE Photo-ionization Detector (PID) instrument. All backfill material was compacted by mechanical methods, using a trackhoe and/or backhoe (**Photograph 9**).

Upon removal of the USTs, El personnel inspected the tanks for obvious structural derects, leaking connections, rusted areas and stained soil prior to removal from the site. Results of this

UST-1 contained one small hole (ink pen size in diameter), on the surface of the tank inspection showed the following results:

- vessel midway down on the west portion of the tank and several small holes (pin size in diameter) on the east side at the bottom of the tank (Photograph 11); UST-3 contained two visible holes, one on the surface of the eastern portion of the tank . vessel and one near the bottom of the tank vessel on the seam at the western portion of
- UST-2, UST-4, UST-5 and UST-7 did not reveal any visible holes, obvious indications of •
- UST-6 (orphan tank) contained several small holes (ink pen-size in diameter) on the ٠
- surface of the tank vessel on the southern side near the bottom; No obvious indications of holes were observed on the UST system product lines. .
- 7. Note if the excavation reached the groundwater table or bedrock surface
- Neither groundwater nor bedrock was observed at the base of the UST excavations.

Note: Suspected contaminated soil should be segregated from soil that appears to be uncontaminated and should be treated as contaminated until proven otherwise It should not be used as backfill. E. Contaminated Soil

A series of soil samples was collected during the UST closures to evaluate soils for the presence. of suspected petroleum residuals. As previously referenced, soil samples were evaluated by measuring for VOCs using a Mini-Rae PID instrument. In addition, petroleum staining, and significant petroleum odors were noted and interpreted along with the VOC measurements. Samples exhibiting elevated measurements of VOCs along with either significant petroleum odors and/or suspected petroleum staining were considered potentially impacted, and loaded onto dump trucks for soil disposal. Soils not displaying field indicators or low field instrument measurements

were generally stockpiled on the site and used for backfill purposes. 2. Describe method of temporary storage, sampling and treatment/disposal of soil: The soil will be treated at the Soil Solutions, Inc. ,Soil Treatment facility in Winston-Salem, North

Carolina. A "Certificate of Acceptance" documenting the acceptance of the soil for treatment is

presented in Appendix J.

A. Provide information on field screening and observations, include methods used to calibrate field screening El personnel supervised and monitored the UST closure activities. As previously discussed in III. Site investigation (Section E 1), El measured for a release of petroleum hydrocarbons by screening headspace vapors in overburden fill material and soils overlying, surrounding and beneath the USTs with a instrument(s):

Mini Rae photoionization Detector (PID) instrument. The PID instrument screens the soil for the presence or absence of organic vapors resulting from the volatilization of petroleum hydrocarbons. The PID instrument was zeroed at the beginning of each day, and each time the instrument was turned on and ignited. The PID instrument is calibrated annually by the manufacturer. The last date of the calibration for the PID instrument used at the site was June 21, 1999.

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2327 Englert Drive • Suite 1 • Durham, NC 27713 • Tel: (919) 544-7500 • Fax: (919) 544-2199

B. Describe soil sampling points and sampling procedures used, including:

Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.

- Location of samples

- Type of samples (from excavation, stockpiled soil, etc.)
- Sample collection procedures (grab, split spoon, hand auger, etc.)
- Depth of soil samples (below land surface)
- Whether samples were taken from side or floor of an excavation
- Sample identification
- Sample analyses

Location of Samples

The location of soil samples is depicted in Figures 3 and 4.

Type of samples

During and following the UST removal activities, soil samples were collected for purposes of field screening (headspace vapor analyses) and confirmation of contamination. Following UST removal activities, grab samples were collected for confirmation of contamination.

Sample Collection Procedures:

Soil samples were collected from undisturbed soil either overlying, surrounding and/or beneath each tank vessel or at the final limits of additional soil excavation using either the trackhoe bucket, and disposable vinyl gloves and placed in sealable plastic bags and/or laboratory prepared containers. Soil samples were split in half, and subsequently placed in sealable plastic bags for soil screening while the remaining half. was placed into the laboratory prepared containers and retained for laboratory analyses.

Sample Depths, Location within tankpit, Identification:

Sample designations similar to UST-3, UST-4, etc. indicates the sample was collected from approximately 2.0 feet from beneath the respective UST. Sample designations similar to North wall, South wall, etc. indicates the sample was collected from the base of the excavation sidewall. A sample designated as Floor indicates the sample was collected from the floor of the excavation. A sample designated as WOCS indicates the sample was collected from the area of the waste oil tank and is a confirmatory sample. Refer to Tables 1 and 2 for the results of the soil headspace screening, sample identification, sample type, sample collection depths, the location within the excavation where the samples were collected and the sample analysis' methods, if applicable.

UST Closure Samples:

The number of soil samples collected beneath USTs was based on either the length of each UST per NCDWM's guidelines and/or field indications of obvious petroleum contamination. In cases where negligible field indicators are observed, the normal required number of soil samples is collected beneath each UST as described in the NCDWM's guidelines. In cases where obvious indications of a petroleum release are present, only one soil sample was collected beneath the tank, as prescribed by the NCDWM, UST Section on August 24, 1998. For example, based on the length of UST-5 (5.5 feet in length) one soil sample was collected at a depth of approximately 2.0 feet beneath the midline of the tank vessel. In the case of UST-3 (18.0 feet in length), due to the presence of obvious petroleum field indicators, only one soil sample was collected beneath the tank.

Sample Analyses:

UST closure samples collected from beneath all USTs formerly storing heating oil and/or gasoline were analyzed by TPH Methods 3550 and/or 5030 according to the revised approved methods for soil analyses issued by the NCDENR on August 24, 1998. Soil samples collected beneath USTs formerly storing waste oil were also analyzed for EPA Method 3050 (Metals).

Confirmation soil samples collected from the subsequent soil excavation (five-foot rule) were analyzed by Environmental Protection Agency (EPA) Method 8260 (VOCs), EPA Method 8270 (SVOCs) and by Massachusetts Department of Environmental Protection for volatile petroleum hydrocarbons and extractable petroleum hydrocarbons (MADEP VPH and MADEP EPH). Refer to Figure 4: Soil Sample **Results Map.**

C. Describe groundwater or surface water sampling procedures used, including: Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.

- Location of samples
- Sample collection procedures (grab, bailer, etc.)
- Sample identification
- Sample analyses

Groundwater was not present within the tankpit. Thus, no groundwater samples were collected. Surface water was not present on the site. Thus, no surface water sampling was conducted.

D. Quality control measures

- Describe sample handling procedures including sample preservation and transportation

- Describe decontamination procedures used

- Describe time and date samples were collected and date submitted to a lab

- Describe samples collected for quality control purposes (e.g. duplicates, field blanks, trip blanks, etc.) Include methods used to obtain these samples and analytical parameters.

- Discuss how results of quality control samples may have affected your interpretation of soil, groundwater or surface water sample results

Sample Handling Procedures

The sample handling procedures were conducted as follows:

1) Disposable surgical latex gloves were used to avoid cross contamination of samples. Gloves were discarded after each sample was collected in a designated "waste bag."

2) Each sample upon collection was immediately stored in a cooler containing ice. During the soil sample collection process, care was taken to insure the samples were not collected in direct sunlight. In addition, during the collection process, no parts of the body without gloves touched any part of the sample.

3) Once placed into the cooler, each soil sample was protected with "bubblewrap" and/or foam was inserted in the base, sides and top of the cooler.

Soil samples analyzed for EPA 8260 and EPA 8270 were containerized in eight (8) ounce laboratory prepared glass containers (jar) with Teflon-lined septa screw caps, and preserved in a cooler with ice. Soil samples analyzed for MADEP EPH were containerized in four (4) ounce laboratory prepared glass containers (jar) with Teflon-lined septa screw caps, and preserved in a cooler with ice. Soil samples analyzed for MADEP VPH were containerized in 60-milliliter VOA vials with Teflon-lined screw caps. The vials were preserved in one (1) milliliter of methanol for every gram of soil and stored and shipped in an ice chest filled with ice.

Soil samples collected for laboratory analyses were shipped via overnight air travel service by Federal Express. The samples were transported following the following protocol: 1. The lids on all bottles were tightened to reduce the potential for leakage.

2. The sample identification label on each individual container (glass jars) was covered with a clear piece of plastic tape. Each container was then placed in an appropriately sized polyethylene bag and sealed. Each container contained within a polyethylene bag was

placed in a"bubble-wrap" sealed bag. 3. The containers were placed into a "bubble-wrap" lined rectangular ice chest (cooler).

4. All sample containers preserved with methanol were secured in an up-right position. 5. Ice was placed on top and surrounding "bubble-wrap" sample containers. All remaining

space between the containers was filled with "bubble-wrap" and/or ice.

6. The cooler drain plug was secured with clear tape. 7. The "Chain-of-Custody (COC) Record" and the "Shipper's Declaration For Dangerous Goods" was placed into a plastic bag, and the bag was taped to the inner side of the cooler

lid. 8. The cooler was closed and securely taped.

9. The cooler was marked with three labels identified as: "THIS END UP", "Flammable", and a large black arrow indicating the proper upward position of the containers within the

10. A label with adhesive tape containing the name and address of the shipper and the cooler. address of the laboratory was also placed on the top of cooler.

Soil Sample Date, Time & Submittal to Laboratory A total of 17 closure soil samples (D-1, D-2, D-3, UST-4N, PL-2, PL-1.5', UST-5, UST-2W, UST-2E, UST-1E, UST-3W, WOCS, UST-4S, UST-7W, UST-5N and UST-6S) and three confirmatory soil samples (NW Wall, Pump Island and Floor) were collected for laboratory analyses. The soil samples were collected between July 12 through July 16, 1999. A series of soil samples was shipped to Paradigm Analytical on July 15, 1999 and again on July 16, 1999. The specific soil sample collection time and submittal times may be referenced on the COC Record & Analytical Request presented in Appendix E. Paradigm Analytical is located in Wilmington North Carolina (North Carolina Certification #481)

Two temperature blanks (two coolers), and two trip blanks were at all times present with the soil samples from the time of delivery to the consultant and back to the laboratory.

Quality Control Soil Sample Results and Interpretation The quality control samples analyzed did not show concentrations at or above detection limits. Thus, the quality control soil samples did not change the interpretation of the data.

E. Investigation results

- Describe methods of analyses used (include U.S. EPA method number)

- Describe analytical results for samples; discuss in relation to site specific cleanup level or action level, as appropriate.

Methods of Analyses

Based on the contents of the USTs, soil samples were analyzed by the following laboratory methods:

UST Closure Samples

1) Laboratory analysis of total petroleum hydrocarbons (TPH) by EPA Method 8015M with either extraction Method 5030 (purge and trap) or Method 3550 (sonication and extraction) were utilized for the UST closures. Once the organic compounds are extracted, the compounds are analyzed by California Gas Chromatograph Methods (Method 8015M). Method 5030 is used for the extraction of volatile, low boiling point organic compounds such as those found in gasoline. This method of analyses was utilized when sampling beneath USTs formerly storing gasoline products. Method 3550 is used for the extraction of semivolatile, high boiling point organic compounds such as those found in petroleum hydrocarbons associated with diesel fuel (#2 fuel oil), kerosene and/or varsol. This method of analysis was utilized when sampling beneath USTs formerly storing heating oil and/or kerosene along with TPH 5030. Total metals laboratory analysis method by EPA Method 3050- (Cr & Pb) was utilized for UST-5 (formerly stored waste oil) and the final limits of a waste oil stained surficial excavation in the vicinity of UST-5 and UST-7.

Tankpit Excavation Confirmation Samples

2) Laboratory analyses methods consisting of EPA Method 8260, EPA Method 8270, MADEP EPH and MADEP VPH were utilized for confirmation soil samples collected from the floor and sidewalls at the final limits of the excavation.

Soil Analytical Results

Laboratory analytical results of confirmation soil samples collected from beneath the former seven USTs, former three dispensers and from beneath two product lines showed elevated concentrations of TPH in either the high and low boiling point ranges above the NCDWM action level in seven (UST-1 East, UST-2 East, UST-2 West, UST-3, UST-5, D-1 and D-2) out of 16 UST closure soil samples. Analytical results of confirmation soil samples collected in the sidewalls and floor at the final limits of additional soil excavation (five-foot rule) did not report elevated concentrations of VOCs, SVOCs, aliphatics or aromatics above the lowest concentration value compared between soil to groundwater, industrial and residential MSCC cleanup standards. The MSCC concentrations are published in the Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater, Volume II, Petroleum Underground Storage Tanks, dated January 2, 1998, prepared by DENR. A summary of the results is presented in Table 2. Review of the analytical data showed the following specific results:

The reported concentrations of TPH in the gasoline range (low boiling fuels) were above the NCDWM action limit of 10.0 mg/kg in UST closure soil samples UST-1 East, UST-2 West, UST-2 East, UST-3 West, D-1 and D-2 at levels of 900.0 mg/kg, 84.0 mg/kg, 1,800 mg/kg, 39.0 mg/kg, 12.0 mg/kg and 26.0 mg/kg. The remaining soil samples did not contain a petroleum hydrocarbon blend above the quanitation limits.

The reported concentrations of TPH in the diesel range (high boiling fuels) were above the NCDWM action limit of 10.0 mg/kg in UST closure soil samples **UST-2 East**, **UST-2 West** and **UST-5** at levels of 246.0 mg/kg, 16.0 mg/kg and 62.0 mg/kg. The remaining soil samples did not contain a petroleum hydrocarbon blend above the quanitation limits.

The reported concentrations of chromium and lead were below MSCC standards for UST closure soil sample UST-5 and excavation confirmation soil sample WOCS. Concentrations of chromium were detected at 6.79 mg/kg for UST-5 and 14.1 for WOCS. Concentrations of lead were detected at 2.89 for UST-5 and 9.51 mg/kg for WOCS.

The reported concentrations (mg/kg) of C5-C8 aliphatics, C9-C12 aliphatics, C9-C10 aromatics, C9-C18 aliphatics, C19-C36 aliphatics and C11-C22 aromatics are below the MSCC standards in all of the soil samples (final limits of excavation) analyzed.

The reported concentrations of VOCs (8260 - mg/kg) and SVOCs (8270 -mg/kg) are either below the MSCC standards and/or below the laboratory detection limits for all the soil samples (final limits of excavation) analyzed.

A summary of the analytical data is presented in **Table 2**. The laboratory analytical reports are presented in **Appendix F** of this report.

IV. Conclusions and Recommendations

Include probable sources of contamination, further investigation or remediation tasks, or whether no further action is required.

Conclusions

Environmental Investigations, Inc., has reviewed the information obtained during the closure of the seven USTs at the subject site. Based upon the field activities, site observations, field indicators, and soil sample analyses, the following conclusions are presented:

- UST systems including associated product lines, vent lines, three fuel dispensers and seven steel USTs (five commercial, one orphan and one noncommercial) designated as UST-1 through UST-7 were permanently closed by removal methods between July 12 through 16, 1999. The USTs stored the following types and quantity of fuels: UST-1, 7,500-gallon gasoline, UST-3, 5,000-gallon gasoline, UST-4, 2,500-gallon gasoline, UST-6, 1,000-gallon gasoline, UST-2, 550-gallon kerosene, UST-5, 550-gallon waste oil and UST-7, 550-gallon heating oil.
- Three of the USTs (UST-1, UST-3 and UST-6) were in poor condition while the remaining four USTs appeared to be in fair to good condition. The USTs classified as poor condition each contained one or more noticeable holes on the surface of the tank vessel. It appears that these holes were caused by corrosion. Based upon the condition of the USTs, field indicators, field instruments and the laboratory analyses, it appears that at least these three USTs leaked petroleum into the subsurface.

- Additional petroleum releases, verified by laboratory analyses, have occurred in the vicinity of UST-5, two of the former fuel dispensers (D-1 and D-2) and the pump island. In addition, a suspected petroleum release appears to have occurred within surficial soils in the rear of the facility. These releases may be attributed to the condition of the UST systems, tank fill over spillage and to a lesser degree possibly leaking product lines (in the vicinity of the pump island) and/or a combination of all these conditions.
- Due to the petroleum releases, approximately 298 tons of suspected petroleum impacted soils during the tank closure activities and approximately 311 tons of suspected impacted isoils were excavated (within the five-foot rule). These soils showed indications of petroleum hydrocarbons as identified by field instruments and field indicators, were excavated, removed and transported off site for future disposal. Suspected impacted soils removed by this manner include the following: overburden, surrounding soils (230 tons) situated beneath the USTs predominately in the center of the tankpit (UST-4, UST-3 and UST-6); surrounding soils in vicinity of UST-1; overburden soils, surrounding soils and soils located beneath UST-2 (totaling 240 tons); surficial soils located in the vicinity of UST-6 and UST-7 to a depth of approximately 2.0 feet (totaling 23 tons); and soils situated in the vicinity of the pump island (38 tons).
- According to weight tickets, 605.5 tons (approximately 403 cubic yards) of suspected petroleum contaminated soil was removed and transported for future treatment from the subject property. All excavations were conducted based upon field indicators utilizing a PID instrument, noting petroleum staining to the extent of the NCDWM five-foot rule. Due to a retaining wall located on the northeast portion of the property, excavation in the vicinity of UST-1 was not feasible and the five-foot rule was not applied.
- Based upon the results of confirmation soil samples collected at the completion of the final limits of the excavation (five foot excavation rules), petroleum-impacted contaminated soils showing concentrations of TPH exceeding NCDWM action limits are still present in the vicinity of UST-1, and to the rear of the facility in the vicinity of UST-5.
- Based upon the laboratory analyses, it appears that in the center of the UST-3, UST-4 and UST-6 tankpit excavation, the vertical extent of contamination has been determined at 14.5 feet bls. Based upon the sloping of the excavation, sidewall confirmation soil samples were not collected, thus it cannot be determined if the lateral extent of contamination has been determined. Note: Due to excessive rainwater which backfilled the UST tankpit during the closure activities, rainwater had to be removed. The water was pumped via a vacuum truck and properly disposed. Thus, due to the presence of the water, the UST closure samples could not be collected until two days after removal of these USTs.
- Neither groundwater nor bedrock was noted at the base of any excavation on the subject property.
- At least two suspected water supply drinking wells have been identified within 1,500 feet of the petroleum release. Specifically, the wells were located at a distance of approximately 750 and 1,000 feet from the site.

Recommendations

El recommends submitting two (2) copies of this report to the DWM Raleigh Regional Office, at 3800 Barrett Drive, Raleigh, N.C. 27609, (919) 571-4700. Since UST closure soil samples collected beneath two of the USTs are above NCDWM Action Limit standards, and additional soils were not removed beneath these tanks, according to the NCDWM's guidelines, a Limited Site Assessment (LSA) may be required within 120 days from the time of closure. The results of the LSA will allow NCDWM to classify the site into a risk category of low, medium or high. Based on the classification of the site, the site remediaiton goals would be determined.

V. Signature of Professional Engineer or Licensed Geologist

Robert Michael Shaut

Project Geologist

VI. Enclosures

A. Tables

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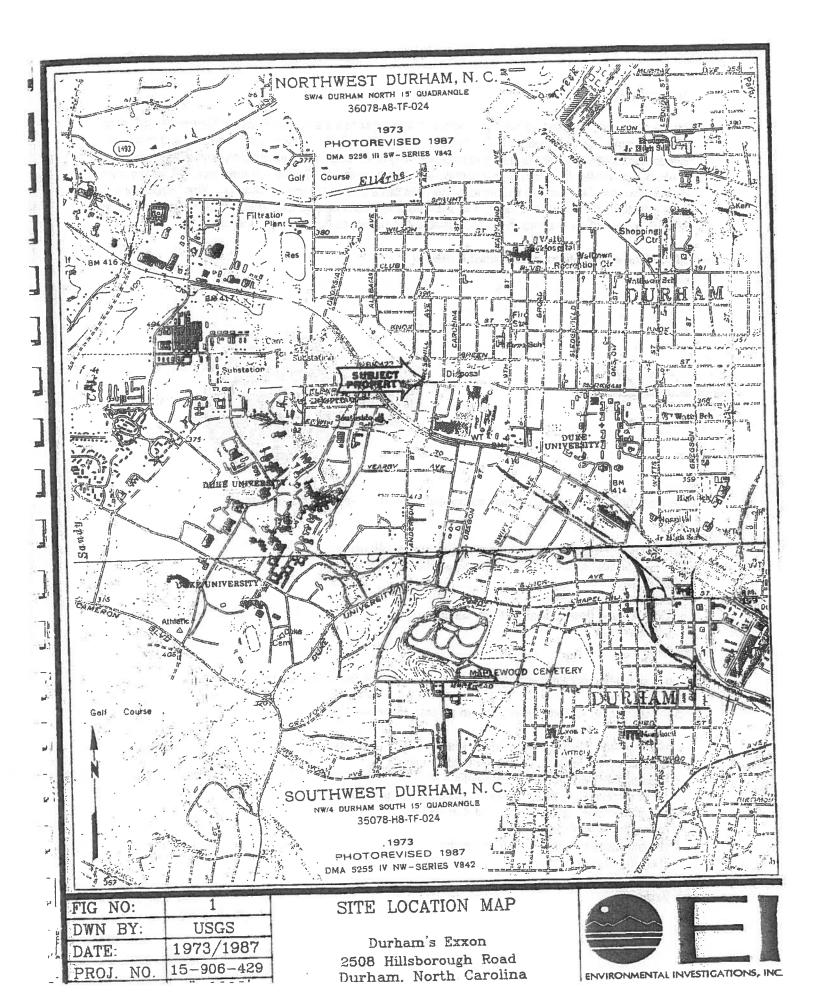
1. Sample identifications, depths, analyses results and dates that samples were obtained

B. Figures

- 1. Area Map(s) (can be USGS Topographic Quadrangle) showing:
 - Adjacent streets, roads, highways with names and numbers
 - Buildings
 - Surface water bodies
 - Groundwater flow direction (if available)
 - North arrow
 - Scale

2. Private and public drinking water supply wells within 1500 feet of the source of release

- 3. Site map of UST excavation area drawn to scale, showing:
 - Buildings
 - Underground utilities such as sewer lines and other conduits
 - Orientation of UST(s), pumps, and product lines
 - Length, diameter and volume of USTs
 - Type of material(s) stored in USTs (currently and previously)
 - Sample locations (identified by letter or number)
 - Groundwater well locations
 - Groundwater flow direction (if available)
 - Final limits of excavation
 - North arrow
 - Scale



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North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Governor

Division of Waste Management UST Section Dee Freeman, Secretary Dexter R. Matthews, Director

September 30, 2009

Duke University Bill Brewer, PhD 402 Oregon Street Durham, NC 27705

SUBJECT: PRE-APPROVAL TASK AUTHORIZATION/CHANGE ORDER

Incident Name: Duke Univ. - Am Dance Festival Site Rank: L170D County: Durham Task Auth./Change Order #: 33539-02 Received: 9/2/2008 Requested Amount: \$ 805.50 Incident #: 33539 Location: 715 Broad Street

Approved Amount: \$ 805.50

Dear Dr. Brewer:

This office has processed the attached request for preapproval [Task Authorization (TA)/Change Order (CO)] submitted for the development, implementation and/or continuation of a Corrective Action Plan (CAP) activities at the above-referenced site. Your copy of the TA/CO form shows the total amount that has been approved for each of the specified tasks. After completion of authorized tasks, a State Trust Fund (STF) claim may be submitted for reimbursement with a copy of the TA and any approved CO.

In no case should you exceed the approved amount unless you submit a CO request and obtain written authorization from this office. Modifications to a TA that are necessary (i.e. -- adding new tasks) <u>must</u> be submitted as you are requesting a modification to a **previously approved** Task Authorization (i.e. -- changing previously submitted and approved tasks). You should specify only the changes and costs associated with them in the CO.

<u>Please note that in the interest of facilitating timely reviews the Raleigh Regional Office is not accepting facsimile</u> requests for preapproval unless specifically approved by staff in an emergency situation.

For questions concerning any required monitoring, corrective action, or remedial system operation costs, please contact the undersigned at (919) 791-4200.

Respectfully yours,

Wayne E Randolph Hydrogeologist II

Retain original and send copy to consultant:

Jack H. Garrison, Jr. Bensinger & Garrison Environmental, Inc. PO Box 14609 RTP, NC 27709, NC 27606 Fax: (919) 484-8540

MAIL	ELL			
	SEP	2	-	2009



North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Governor

Division of Waste Management UST Section Dee Freeman, Secretary Dexter R. Matthews, Director

September 2, 2009

Attn: Bill Brewer, PhD Duke University Medical Center, OESO 131 Environmental Safety Building Research Drive, Box 3914 Durham, NC 27710

Re:

Notice of No Further Action 15A NCAC 2L .0407(d) Risk-based Assessment and Corrective Action for Petroleum Underground Storage Tanks

Duke Univ. - American Dance Festival Office 715 Broad Street, Durham Durham County Incident Number: 33539 Risk Classification: Low

Dear Dr. Brewer:

The Soil and Groundwater Sampling Report received by the UST Section, Raleigh Regional Office on July 9, 2009 and the Notice of Residual Petroleum received on August 31, 2009 have been reviewed. The review indicates that soil contamination exceeds the residential maximum soil contaminant concentrations (MSCCs) established in Title 15A NCAC 2L .0411 and groundwater contamination meets the cleanup requirements for a low-risk site but exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202.

The UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0407(a) you have a continuing obligation to notify the Department of any changes that might affect the risk or land use classifications that have been assigned.

Be advised that as groundwater contamination exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202, groundwater within the area of contamination or within the area where groundwater contamination is expected to migrate is not suitable for use as a water supply. Be advised that as soil contamination exceeds the residential MSCCs, the property containing the contamination is suitable only for industrial/ commercial use, as stipulated in the Notice of Residual Petroleum (attached).

As groundwater contamination exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202 and soil contamination exceeds the lower of the soil-to-groundwater or residential

ALT. MAN

MSCCs, public notice in accordance with 15A NCAC 2L .0409(b) also is required. Thus, within 30 days of receipt of this letter, a copy of the letter must be provided by certified mail, or by posting in a prominent place, if certified mail is impractical, to the local health director, the chief administrative officer of each political jurisdiction in which the contamination occurs, all property owners and occupants within or contiguous to the area containing contamination, and all property owners and occupants within or contiguous to the area where the contamination is expected to migrate. Within 60 days of receiving this no further action letter, this office must be provided with proof of receipt of the copy of the letter or of refusal by the addressee to accept delivery of the copy of the letter or with a description of the manner in which the letter was posted. This No Further Action determination will not become valid until public notice requirements are completed. Interested parties may examine the Soil and Groundwater Sampling Report by contacting this regional office and may submit comments on the site to the regional office at the address or telephone number listed below.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely, Mich & Sinces

Mark R. Powers Regional Supervisor UST Section, DWM, NCDENR Raleigh Regional Office

Attachments: Notice of Residual Petroleum

 cc: Robert Brown, Durham County Health Department Tim W. Monroe, P.E. – Bensinger & Garrison Environmental, Inc. PO Box 14609, RTP, NC 27709, NC 27606 RRO UST Incident files/WER

UST Regional Offices

Asheville (ARO) – 2090 US Highway 70, Swannanoa, NC 28778 (828) 296-4500 Fayetteville (FAY) – 225 Green Street, Suite 714, Systel Building, Fayetteville, NC 28301 (910) 433-3300 Mooresville (MOR) – 610 East Center Avenue, Suite 301, Mooresville, NC 28115 (704) 663-1699 Raleigh (RRO) – 1628 Mail Service Center, Raleigh, NC 27699 (919) 791-4200 Washington (WAS) – 943 Washington Square Mall, Washington, NC 27889 (252) 946-6481 Wilmington (WIL) – 127 Cardinal Drive Extension, Wilmington, NC 28405 (910) 796-7215 Winston-Salem (WS) – 585 Waughtown Street, Winston-Salem, NC 27107 (336) 771-5000 Guilford County Environmental Health, 1203 Maple Street, Greensboro, NC 27405, (336) 641-3771

FTP: NFA low-NRP NOR0209.dot



P.O. BOX 14609 • RTP, NC 27709 PHONE 919-484-8536 FAX 919-484-8540 S

September 1, 2009

Dr. William S. Brewer, PhD Director of Environmental Programs Duke University Medical Center OESO 131 Environmental Safety Building Box 3914 DUMC Durham, North Carolina 27710

PROPOSAL NO. 09969

RE: Monitoring Well Abandonment at 715 and 705 Broad Street, Durham, Durham County, North Carolina

Dear Dr. Brewer:

Bensinger & Garrison Environmental, Inc. (B&G) has prepared the following proposal for the Public Notice requirements for 715 Broad Street (Trust Fund Task Code 6.082) and for the abandonment of one monitoring well at 715 Broad Street (MW-1; 18 feet deep,) and two monitoring wells at 705 Broad Street (MW-1; 20 feet deep & MW-4; 20 feet deep). The wells will be properly abandoned according to the requirements of 15A NCAC 2C .0113 (Trust Fund Task Code 3.399).

This proposal uses Trust Fund rates and reimbursement amounts and may not reflect actual costs to complete the desired activities.

SCOPE OF WORK

- B&G will properly abandon monitoring well MW-1 at 715 Broad Street and monitoring wells MW-1 and MW-4 at 705 Broad Street (Trust Fund Task Code 3.399). A total of 58 feet of well depth will be abandoned. The wells will be abandoned in accordance to the requirements of 15A NCAC 2C .0113 and abandonment records filed with the NCDENR.
- 2. B&G will prepare the Public Notice requirements for 715 Broad Street as required by the Guidelines (Trust Fund Task Code 6.082) to complete the Notice of No Further Action Required.

Dr. William S. Brewer, PhD Duke University Medical Center OESO September 1, 2009 Page 2

ESTIMATED COSTS

The estimated cost is itemized as shown below:	
B&G Services	
TOTAL	

SCHEDULE

B&G can begin work immediately upon receipt of authorization to proceed and expects to complete this scope of work within 30 days.

ADDITIONAL SERVICES

If additional tasks are necessary due to unforeseen conditions, B&G will immediately notify your office for approval of services to be provided on a time and materials basis at the following rates:

Senior Environmental Engineer/Consultant	\$115.00/hr
Senior Environmental Engineer	\$102.00/hr
Environmental Scientist	\$ 58 00/hr
Environmental Scientist	¢ 16 00/hr
Secretary	
FID Rental	\$200/day
Mileage	\$ 0.50/mile
ODCs	Cost plus 15%
Analytical	Cost plus 15%
Analytical	Cost plus 1576

B&G appreciates the opportunity to be of service to you on this project. This proposal is confidential and is good for a period of 30 days. If you have any questions, please give me a call.

Sincerely, BENSINGER & GARRISON ENVIRONMENTAL, INC.

Jack H. Garrison, Jr.

Jack H. Garrison, Jr. Vice President/Senior Environmental Consultant DWM UST SECTION DWM UST SECTION 09 SEP 10 PM 2:2

JHG/gb Attachment PROPOSALS/2009/09969 email



FOR REGISTRATION REGISTER OF DEEDS Willie L. Covington DURHAM COUNTY, NC 2009 AUG 18 10:29:45 AM BK 6303 PG:476-480 FEE:\$23.00

INSTRUMENT # 2009030024

NOTICE OF RESIDUAL PETROLEUM

Duke University – American Dance Festival Office, 715 Broad Street, Durham, Durham County, North Carolina

The property that is the subject of this Notice (hercinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S. 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the Site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

NOTICE

Petroleum product was released and/or discharged at the Site. Petroleum constituents remain on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, are strictly complied with. This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the Durham County Register of Deeds' office Book 5323, Page 476.

Prepared by and return to: William Brever, Duke University, Box 3914 Durham, NC 27710

Source Property

Duke University, a North Carolina nonprofit corporation, of Durham, North Carolina is the owner in fee simple of all or a portion of the Site, which is located in the County of Durham, State of North Carolina, and is known and legally described as:

A certain tract or parcel of land in Durham, Durham County, North Carolina, more particularly described as follows:

BEING commonly known as 715 Broad Street, Durham, North Carolina, BEGINNING at an iron stake in the western property line of Broad Street, said point being South 6 degrees 0' West 400 feet from the southern property line of Markham Avenue (extended) and being the southeast corner of Lot 25, Block 3, of West Durham Land Company Property as appears from Deed Book 18, at Page 31, and running thence with Broad Street south 6 degrees 0' west 70 feet to the northern edge of a 15-foot alley; thence with said alley North 83 degrees 46' West 142.5 feet to an iron stake; thence North 6 degrees 0' East 70 feet to an iron stake; thence south 83 degrees 46' East 142.5 feet to the BEGINNING. This property is subject to sanitary sewer easement across the northwestern corner of said lot.

PERPETUAL LAND USE RESTRICTIONS

Soil: The Site shall be used for industrial/commercial use only. Industrial/commercial use means a use where exposure to soil contamination is limited in time and does not involve exposure to children or other sensitive populations such as the elderly or sick. The real property shall not be developed or utilized for residential purposes including but not limited to: primary or secondary residences (permanent or temporary), schools, daycare centers, nursing homes, playgrounds, parks, recreation areas and/or picnic areas.

Groundwater: Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site.

ENFORCEMENT

The above land use restriction(s) shall be enforced by any owner, operator, or other party responsible for the Site. The above land use restriction(s) may also be enforced by DENR through any of the remedies provided by law or by means of a civil action, and may also be enforced by any unit of local government having jurisdiction over any part of the Site. Any attempt to cancel this Notice without the approval of DENR (or its successor in function) shall be subject to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

IN WITNESS WHEREOF, Duke University has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 9th day of September 2008.

Duke University	
(name of responsible party if agent is signing)	
By: <u>Jullean 5 Blown</u> (signature of allorney or other agent if there is one)	
(signature of attorney or other agent if there is one)	
Director of Environmental Programs	
(Title of agent for responsible party if there is one)	

Signatory's name typed or printed: Dr. William S. Brewer, PhD

NORTH CAROLINA

I, $\underline{Priche A. Hude - Pasiball}$, a Notary Public for said County and State, do hereby certify that <u>withow S. Brewer</u> Personally came before me this day and acknowledged that he is <u>Director</u> of <u>DESD Programs</u> and acknowledged, on behalf of

Duke University , the grantor the due execution of the foregoing instrument.

, 2009 . Aricida A. Hunter pakelal Notary Public (signature) n expires Juno , 20**0 z**." 23

Approved for the purposes of N.C.G.S. 143B-279.11

(signature of Regional Supervisor)

MARK R. POWERS

Regional Supervisor

(printed name of Regional Supervisor)

Raleigh Regional Office **UST** Section Division of Waste Management Department of Environment and Natural Resources

NORTH CAROLINA Unle COUNTY

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Mark RPOWERS (full printed name of **Regional Supervisor**)

21/09 Date:

Ulu Notary Public



My commission expires:

2/16/2013



Bensinger & Garrison ENVIRONMENTAL, INC. Bluefield Engineering, P.C.

P.Q. BOX 14609 · RTP, NC 27709 PHONE 919484-8536 FAX 919484-8540

Initial Abatement Action Report For Uhregulated No. 2 Fuel Oil UST

Duke University American Dance Festiv 1 Office 715 Broad Street Durham, North Carolina

June 11, 2008

Initial Abatement Action Report For Unregulated No. 2 Fuel Oil UST Duke University American Dance Festival Office 715 Broad Street Durham, North Carolina

I. SITE INFORMATION

Report Date:	June 10, 2008							
Facility ID:	NA UST Incident #: NA							
Site Name:	Duke University – American Dance Festival Office							
Address:	715 Broad Street							
	Durham, NC 27705							
Latitude:	36.01132 Longitude: -78.92062							
UST Owner:	Duke University Office of Real Estate Administration							
	402 Oregon Street, Durham, NC 27705							
	(919) 684-6420							
UST Operator:	NA – Abandoned							
Property Owner:	Same as UST Owner							
Property Occupant:	Same as UST Owner							
Consultant:	Bensinger & Garrison Environmental, Inc.							
	PO Box 14609, RTP, NC 27709							
	(919) 484-8536							
Analytical Laboratory:	Pace Analytical Services, Inc.							
	9800 Kincey Ave., Suite 100							
	Huntersville, NC 28078							
	(704) 875-9092 NC Certification # 37706							
Date Discovered:	May 14, 2008							
Estimated Quantity of Release:	Unknown							
Cause of Release:	Corrosion of UST							
Size of UST/Contents:	1100-Gallon No. 2 Fuel Oil UST for onsite comfort heat							
Installation Date:	Unknown							

II. INTRODUCTION & SITE DESCRIPTION

At the request of Duke University OESO, Bensinger & Garrison Environmental, Inc (B&G) removed an underground storage tank (UST) located at 715 Broad Street. The 1,127-gallon No. 2 fuel oil UST was previously used to store heating oil for the building furnace, therefore it is a nonregulated UST. Any release of petroleum, however, is regulated by the NCDENR Division of Waste Management. The current owner, Duke University was not the last user of the UST, however it is not known when the UST was last used.

The UST was located at the rear portion of the building adjacent to the stair access. The UST was also located between a sanitary sewer line and a concrete drive (Figure 2). The UST was steel, approximately 4 feet in diameter, 12 feet in length and approximately 2.7 feet below grade. The tank bottom was about 6.7 feet below grade. A 2--inch fill port was located at the southern end of the tank, and two 3/8 inch solid copper supply and return lines were located toward the south end of the UST. The vent pipe was also located at the southern end of the tank, however, the end of the vent pipe was not found. No fuel pump was located and is assumed to have been part of the indoor heating unit.

III. UST CLOSURE

On May 14, 2008, B&G supervised removal of the UST located at the site. OK Enterprises, Inc. was contracted to remove all residual contents, clean and remove the UST, as well as to excavate and stockpile up to 800 cubic yards of contaminated soil. Upon inspection of the tank, it was determined that the tank contained ~300 gallons of fuel oil, water and residual sludge. The contents of the tank were removed and the tank was cleaned. The disposal manifest for the UST contents and the UST were not available at the time of this report, but will be forwarded to the Regional Office at a later date.

Prior to the removal of the tank from the ground, an oxygen level and lower explosive limit (LEL) meter was used to determine vapor and oxygen concentrations. After verification of the 0_2 and LEL readings by Mr. Lennis Harris, fire inspector from the City of Durham Fire Department, the UST was removed from the ground and inspected for signs of leakage. The tank integrity was very poor and evidence of leakage was observed (Photographs). After the tank was removed, a slight sheen of oil remained on top of a small area (approximately 20 sq. ft.) of the remaining soil. The UST was loaded on a trailer, marked for transport, removed from the site and properly disposed. No evidence of other releases or potential sources was discovered during removal of the UST.

IV. SOIL EXCAVATION

A Photovac FID (Flame Ionization Detector) was used to screen soils during the UST removal. Petroleum vapors were detected in the silty backfill from beneath the UST at approximately 6.5' below grade. Excavation of soils continued vertically to a depth of 8.5 feet until a hard sand stone was encountered, at which point the backhoe could not dig any deeper at the pit floor. Excavation was continued in the western direction until the 5-foot limit was reached. Excavation in all other directions was not feasible, due to a sanitary sewer line (north side), concrete drive (south side) and the building (east side). Soil samples were taken from the in-situ soil as shown in Figure 2. FID readings of samples collected from in-situ soils are listed in Table 1. Approximately 38 tons of contaminated soil were removed, loaded on two trucks and hauled to Earthtec of NC, Inc. for proper disposal. Soil disposal manifests are included in Appendix 6. The final pit was approximately 8.5 feet deep and was about 13 feet long and 10 feet wide. Backfill was encountered to a depth of approximately 7 feet below grade. Groundwater was not encountered at the site. After excavation was complete, the pit was filled with sand and a minimum 6" layer of crusher run gravel installed with additional crown for future settling. The backfill was compacted as the pit was filled.

V. SOIL SAMPLING

The tank bottom was approximately 6.7 feet below grade. Confirmation soil samples were taken at the pit floor on the north and south ends of the tank at a depth of 8.5 feet where backhoe bucket refusal was encountered. One confirmation soil sample was taken from the east wall (8.5 feet deep) adjacent to the building and one confirmation soil sample was taken from the west wall (8.5 feet deep) after over excavation in the parking lot. The soil samples on the pit floor at the north and south ends of the tank were in close proximity to the north and south pit walls where over excavation was not attempted. The two tank bottom confirmation samples were used as confirmation samples for the north and south pit walls as well.

Four soil samples were taken at 10 foot intervals from less than 2 feet below the supply and return lines at locations between the tank and the point where the lines entered the building. The supply/return lines were a maximum of 2.7 feet deep. Sample locations are shown in Figure 2. All samples were placed on ice and sent under Chain-of-Custody protocol to a North Carolina Drinking Water Certified laboratory. Pit samples were analyzed for fuel oil by EPA Methods 8260 (5035 preparation) and 8270, and MADEP EPH and VPH. The soil samples from the supply and return lines were analyzed for fuel oil by the DRO and GRO methods. Sample results and depths are listed in Tale 2 and Laboratory Data Sheets are shown in Appendix 2.

VI. SAMPLING RESULTS

Results for soil samples collected from the pit floor and walls and from the supply/return lines indicate that petroleum residuals remain in the ground in the pit area. Analytical reports are enclosed in Appendix 2, and the soil analytical results are summarized in Table 2.

VII. CONCLUSIONS

- A. One 1,127-gallon No. 2 fuel oil UST was removed from 715 Broad Street on May 14, 2008, and the tank and its contents were properly disposed offsite.
- B. The UST is a nonregulated UST in accordance with 15A NCAC 2N .0203.
- C. Based on soil sampling results, there has been a release of No. 2 fuel oil.
- D. Petroleum residuals remain in the soils in the pit area slightly above the Soil to Groundwater Maximum Contaminant Concentration.
- E. Approximately 38 tons of petroleum-contaminated soil were removed and properly disposed offsite.
- F. Water supply for the site and all adjacent properties is provided by the City of Durham.

VIII. RECOMMENDATIONS

- A. One shallow groundwater monitoring well should be installed and sampled in accordance with the Guidelines.
- B. A Phase I Limited Site Assessment Report should be prepared and submitted to the NCDENR for site ranking.

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SAMPLE ID	LOCATION	DEPTH (feet)	FID READING (ppm)					
그는 것이 바람이라며 전환하여			INITIAL	AFTER 15 MIN.				
<u>S1</u>	North end pit floor	8.5	51	54.5				
<u>S2</u>	East pit wall	8.5	42	77				
<u>S3</u>	South end pit floor	8.5	0	0				
S4	West pit wall before over excavation	8.5	180	197				
S5	West pit wall 5' limit	8.5	23	19				
L1	Under Supply/Return Lines	4	0	0				
L2	Under Supply/Return Lines	3	0	0				
L3	Under Supply/Return Lines	3'	0	0				
L4	Under Supply/Return Lines	3	0	0				

TABLE 1:FID RESULTS

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Chemical	ID # S1	ID # \$2	ID # S3	ID # S5	ID # L1.	ID # L2	ID # L3	D#_L4	Soil-to- Groundwater MSCC	Industrial	Residential
EPH							1	Alternation and a set	MSCC	2	
Aliphatic C9–C18	78.9	112	ND	144		•••		***	3300	245280	9386
Aliphatic C19–C36	ND	15.1	ND	12.8	•••						93860
Aromatic C11-C22	47.3	26.3	ND	1.12	10 11				34	12264	469
VPH											·
Aliphatic C5–C8	ND	ND	ND	ND					72	24528	939
Aliphatic C9C12	ND	ND	ND	19.1	***		***	•••	3300	245280	9386
Aromatic C9C10	ND	ND	ND	ND	•••					×	
				L							
1-Methylnaphthalene	.817	ND	ND	1.78		•••	***				ί)
2-Methylnaphthalene	.788	ND	ND	1.80		***			1.7	1635	63
n-Butylbenzene	.0077	ND	ND	ND		•-•			4.3	16350	626
1,2,4- Trimethylbenzene	.0443	ND	ND	ND				•••	7.5	20440	782
Phenanthrene	ND	ND	ND	.454					60	12264	460
Naphthalene	.143	ND	ND	.289					0.58	12264 8176	469 313
DRO .		I			200						
GRO					ND	ND	ND	ND			
All results/standards i	1	1		•••	ND	ND	ND	ND			

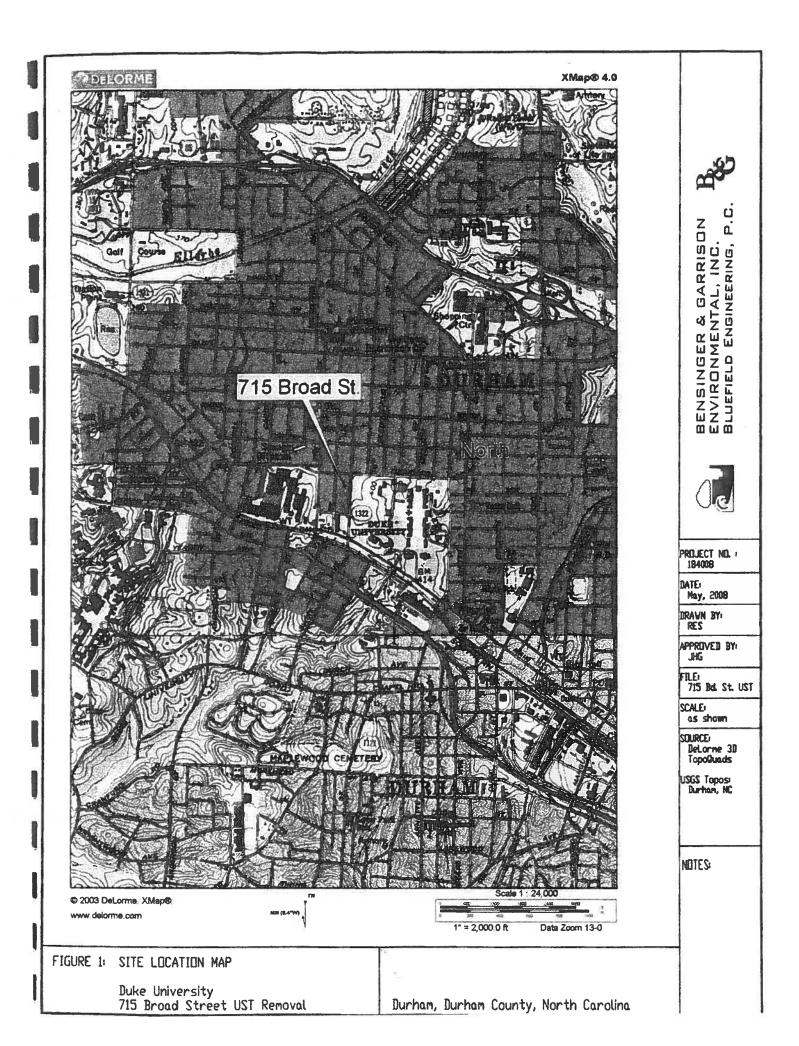
TABLE 2:SOIL SAMPLE ANALYTICAL RESULTSMETHODS 8260 AND 8270, AND MADEP EPH AND VPH AND THE DRO AND GRO METHODS

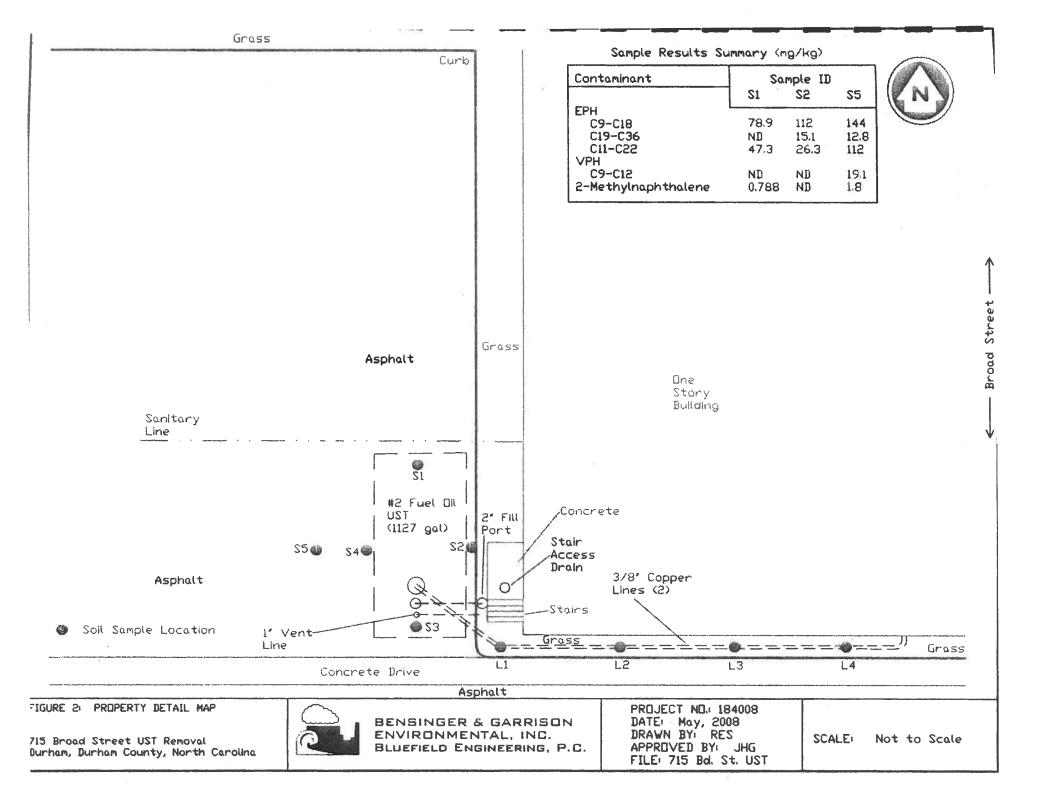
All results/standards in mg/kg

--- Not Analyzed

ND - Not Detected

Shaded cells above the Soil-to-Groundwater MSCC







P.O. BOX 14609 • RTP, NC 27709 PHONE 919-484-8536 FAX 919-484-8540

Phase I

Limited Site Assessment (LSA) Report

for

No. 2 Fuel Oil UST System Incident # 33539

Duke University – American Dance Festival Office

715 Broad Street Durham, North Carolina 27705

August 2008

VII. MONITORING WELL INSTALLATION

On June 30, 2008 B&G supervised the installation of one monitoring well (MW-1) in the source area where contamination is most likely to be found. The well was installed in the backfilled tank pit area and one soil sample was taken at 13-15 feet below grade. The soil sample was later determined to be below the water table (8.9 feet deep) and was not submitted for analysis.

The monitoring well was installed on to a depth of 18 feet using ten feet of screen. The well location is shown in Figure 2 and a well construction record is enclosed in Appendix 3. The well was purged and sampled on July 3, 2008. The groundwater sample was analyzed by EPA Methods 602, 625, and MADEP EPH and VPH. Laboratory analytical results are summarized in Table 7. Field pH and temperature measurements were also obtained for the groundwater sample and are recorded on the monitoring well sampling data form enclosed in Appendix 4.

The groundwater in the monitoring well had a strong petroleum odor and contained trace amounts of what appeared to be gasoline and not No. 2 fuel oil. There was a slight amount of petroleum in the water as it was bailed from the well during sampling that was light yellow in color.

VIII. CONCLUSIONS

- A. Sampling results from MW-1 indicate the groundwater contains various volatile compounds found in gasoline and fuel oil.
- B. Semi-volatile compounds typically found in fuel oil (Benzo(a)pyrene, Benzo(b) & (k)fluoranthene, Benzo(a)anthracene, Chrysene, 2-Methylnaphthalene, Phenanthrene, and Pyrene) were not present in the groundwater sample from MW-1.
- C. The site does not meet any of the criteria of either a High or Intermediate Risk site.
- D. The site meets the criteria for classification as Industrial/Commercial.
- E. Soil samples from the north pit floor and west wall after over excavation are over the Soil-to-Groundwater MSCC but below the Residential standards.

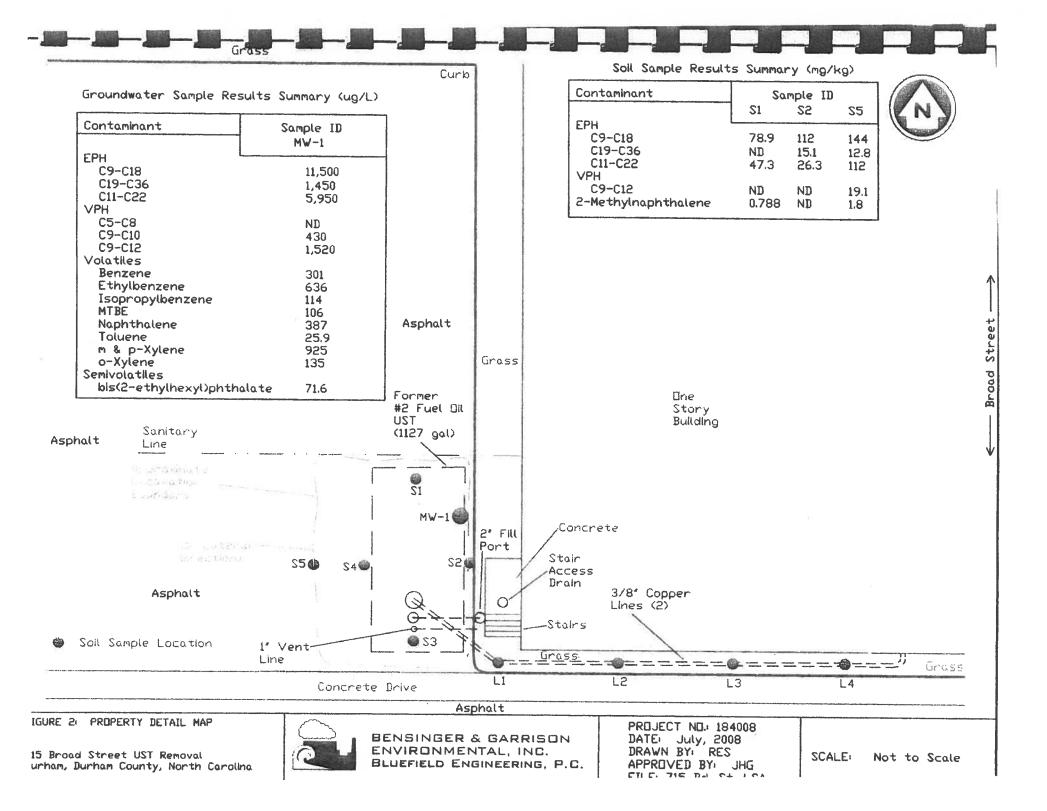
IX. RECOMMENDATIONS

- A. The incident should be classified by the NCDENR as Low Risk in accordance with 2L .0407(d).
- B. A Notice of No Further Action Required should be issued by the NCDENR in accordance with 2L .0407(d).

TABLE 7:MW-1 GROUNDWATER ANALYTICAL RESULTS – JULY 3, 2008

Parameter	Analytical Method	Concentration (µg/L)	North Carolina Groundwater Quality Standards (GWQS) (µg/L)	Gross Contamination Levels for Groundwater (GCL) (µg/L)		
ЕРН	MADEP					
Aliphatic C9–C18		11500	4200			
Aliphatic C19–C36	21	1450	42000			
Aromatic C11–C22		5950	210			
VPH	MADEP					
Aliphatic C5–C8		ND	420			
Aliphatic C9–C12		1520	4200			
Aromatic C9–C10		430	210	and the second		
Volatiles	602			an a		
Benzene		301	1	5000		
Ethylbenzene		636	550	84500		
Isopropylbenzene		114	70	25000		
MTBE		106	200	200000		
Naphthalene		387	21	15500		
Toluene		25.9	1000	257500		
Xylene, Total		1060	530	87500		
m&p-Xylene		925		07000		
o-Xylene		135				
Semi-volatiles	625					
Bis(2-ethylhexyl)phthalate		71.6	2.5	2500		
10 Highest Peaks	Mass Spec					
Dimethylnaphthalene isomer		88.9J				
C-15 or larger alkane		69.3J				
C-16 or larger alkane		58.3J	T			
C-18 or larger alkane		56.6J				
C-14 or larger alkane		54.8J				
C-14 or larger alkane		49.7J				
C-16 or larger alkane		40.2J				
C-19 or larger alkane		39.2J	+	••••••••••••••••••••••••••••••••••••••		
Trimethylnaphthalene isomer		37.4J				
C-14 or larger alkane		33.3J				

All results / standards are in $\mu g/L$ ND – Not detected J – Estimated





P.O. BOX 14609 • RTP, NC 27709 PHONE 919-484-8536 FAX 919-484-8540

Soil & Groundwater Assessment Report

for

No. 2 Fuel Oil UST System Incident # 33539

Duke University American Dance Festival Office

715 Broad Street Durham, North Carolina 27705

June 2009

IV. SOIL SAMPLING

Soil sampling activities were conducted by B&G on February 4 and 5, 2009. All boreholes were completed using 3 ¼" stainless steel hand augers that were thoroughly decontaminated to remove any soil residue remaining from advancing the borehole. The augers were rinsed with water, then cleaned with a critical-cleaning liquid detergent ("Liqui-Nox"), rinsed with distilled water, rinsed with a 70% isopropyl alcohol mix, and then rinsed with distilled water. The augers were stored in a foil wrap and covered in plastic. All samples were placed in laboratory provided containers, packed on ice, and shipped to the laboratory under Chain-of-Custody procedures.

All soil sampling locations on the subject property are shown in Figure 2, Sampling Location Map. Four borings (SB-1, -2, -3 and -4) were advanced in soils as shown, and soils were screened at approximate 2-foot intervals in each boring with a Photovac Micro FID. An initial reading and a reading after 15 minutes were taken, and the FID readings are shown on the boring logs in Appendix 1. Odors were noted in the soil samples from SB-3 and SB-4. Samples from each borehole were submitted to a North Carolina drinking water certified laboratory for analysis of volatile compounds by EPA Method 8260, semi-volatile compounds by EPA Method 8270, MADEP EPH and MADEP VPH.

V. SITE GEOLOGY & HYDROGEOLOGY

The soil at the subject site is mapped as White Store series in the USDA Soil Survey for Durham County, North Carolina, 1971. This White Store soil is mainly White Store material that has been graded or altered to the extent that its natural properties may not be recognized. The natural White Store series consists of surface soils of sandy loam, with sub soils of firm clay loam and very firm clay. The underlying material is weathered from Triassic mudstone. Permeability of the soils ranges from low to moderate. A boring log of the well installation is enclosed in Appendix 2. At 8.5 feet below grade, a layer of sandstone was encountered. Groundwater was encountered at a depth of approximately 8.9 feet from the surface. The recharge rate for the groundwater monitoring well is slow to moderate.

VI. MONITORING WELL INSTALLATION

On February 4–6, 2009 B&G supervised the installation of shallow groundwater monitoring wells on the upgradient property at 705 Broad Street to determine whether groundwater contamination from an upgradient source was migrating toward 715 Broad Street. The wells were installed using a truck-mounted drill rig with hollow stem auger in accordance with 15A NCAC 2C .0100 Well Construction Standards. The boring logs for each well are shown in Appendix 1 and the Well Construction Records are shown in Appendix 2. Well locations and groundwater direction of flow are presented on Figure 3.

Borings MW-2, -3, and -5 encountered auger refusal at 11' and remained dry for at least 24 hours. These three borings were abandoned. Monitoring wells MW-1 and MW-4 were installed to a depth of 20' with 10' of screen.

Groundwater monitoring wells MW-1 and MW-4 were developed using a groundwater pump to remove fines and then purged of three to five well volumes, or until essentially dry, prior to sampling. B&G obtained groundwater samples using clean, dedicated bailers. As standard procedure, sample bottles were packed in ice and transferred by Chain-of-Custody protocol to Pace Analytical for analysis for MADEP VPH, Lead by EPA Method 6010/3030C, and semi-volatiles by EPA Method 6200B. Field sampling data forms for the sampling events are provided in Appendix 3 and protocols for groundwater sampling are included in Appendix 6. Groundwater sample analytical results are provided on Table 2.

VII. RESULTS

Petroleum residuals were detected above the Soil-to-Groundwater MSCC in SB-3 at 9-9.5' below grade. FID readings from a sample at 4.5-5' were 90% of the FID readings from the sample from 9-9.5'.

Petroleum residuals were not detected above the Soil-to-Groundwater MSCC in SB-1 at 9' below grade.

Petroleum residuals were not detected above the Soil-to-Groundwater MSCC in SB-4 at 5' below grade, but were detected above the Soil-to-Groundwater MSCC at 7' below grade. The soil sample at 7' was wet, but not the sample at 5'.

Tetrachloroethene was detected above the 2L Standard and dichlorobromomethane was detected below the 2L Standard in samples collected from MW-1. No petroleum compounds were detected in either MW-1 or MW-4.

Boring results from attempts to install MW-2, -3, and -5 indicate the presence of a large impenetrable layer and no groundwater from 11' to 16' below ground surface.

Groundwater direction of flow appears to be to the northwest and not toward MW-1 at 715 Broad Street.

VIII. CONCLUSIONS

A. Soil samples from the north pit floor and west wall after over excavation contain petroleum residuals over the Soil-to-Groundwater MSCC but below the Residential standards. Soil samples from SB-3 and SB-4 indicate petroleum residuals are present at the water table elevation and likely at shallower elevations at SB-3 (near the building sanitary sewer line).

B. The site does not meet any of the criteria of either a High or Intermediate Risk site.

C. The site meets the criteria for classification as Industrial/Commercial.

- D. Sampling results from MW-1 at 705 Broad Street indicate the groundwater contains tetrachloroethene from an offsite source.
- E. Based on the data collected form MW-1, petroleum compounds present in the groundwater sample from 715 Broad Street are not similar to those observed in likely upgradient groundwater.

IX. RECOMMENDATION

Based on the data from soil borings collected on February 4 and 5, 2009, the incident should be classified by the NCDENR as Low Risk in accordance with 2L .0407(d) and the Notice of No Further Action Required should be finalized by completion of the Notice of Residual Petroleum, including property use restrictions on both soil and groundwater contaminants observed.

Table 1: Summary of Soil Sampling Results

Revision Date: 4/22/2009 Incident Number and Name: 33539 Duke University- American Dance Festival Office Facility ID#: NA Abalytical Method (and VOC by EPA 8240) MADEP MADEP MADEP MADEP MADEP MADEP EPA FPA EPA EPA EPA EPA EPA EPH EPH EPH VPH VPH VPH 8270 8270 8260 8260 8270 8270 8260 8270 8270 8260 8260 8260 8260 8260 8015 8015 Chilamfnant of Chilsern 3. Ś Ś Ś ,3,5-Trimethylben 3 dechylnapht opropyltolu Allphatic C18 Aliphatic C19-C36 Ammatic Cl 1-C22 aple Dith Baurie Gemple D Cylinciel Ann Depit Indensy n. Methylene Incident ŝć. <u>ي</u> Alipha C8 tone C.P.V. 2 2.4 13 Par 000 RO SRO SI 5/14/08 8.5 78.9 <11.1 47.3 < 9.6 < 9.6 < 9.6 .817 .788 .0077 .0443 <.368 <.368 <.0965 <.377 <,377 <.0048 .143 <.0048 <.0048 <.0048 _ ----8.5 S2 5/14/08 112 15.1 26.3 < 10 < 10 < 10 < .377 <.377 < .255 < .255 < 377 <.377 < 5.09 <.377 <.377 <.255 <.255 <.255 <.255 <.255 ---~~~ **S**3 5/14/08 8.5 < 11.2 < 11.2 < 11.2 < 9.1 < 9.1< 9.1 <.370 < .370 <.0053 <.0053 < .370 <.370 <.105 < .370 <.370 <.0053 <.0053 <.0053 <.0053 <.0053 -----____ LE? **S**5 5/14/08 8.5 144 12.8 < 9.5 19.1 1.78 1.80 < 9.5 < .179 .179 .454 < 370 < 3.57 <.370 <.370 <.179 .289 <,179 <.179 <179 -.... 5/14/08 LI 4 -------------.... ---------------.... ----.... --..... -----<5.6 <5.0 -----1.2 5/14/08 3 --------.... ----...... ---------..... -------------<5.8 <5.7 L3 5/15/08 3 ----**** --------------..... ____ ____ -----.... --____ *** ----------------<6.3 <5.5 LA 5/15/08 3 --------------.... *** *** --------------.... --------------<6.4 -------<5.2 ____ ----SB1 2/4/09 9 <11.5 <11.5 <11.5 <12.6 <12.6 <12.6 <.0987 <.0815 <.0018 <.002 <.0631 <.093 .0224 <.062 <.0781 <.0018 <.0012 <.002 <.0017 <.0204 -----SB2 2/4/09 9.5 <11.2 <11.2 <11.2 <9.6 <9.6 <9.6 < 0792 <.096 <.0017 <.0019 <.0614 <.0904 <.0095 <.0603 <.0759 <.0017 <.0011 <.0019 <.0016 <.0029 -----------SB3 2/5/09 9.5 .0714 <22.4 .031 <9.8 <9.8 <9.8 1.720 2.150 <.0909 .394 .247 .149 <.505 .0659 .113 Sec. .15 <101 <.0859 <152 --------SB4 (5) 2/4/09 5 <11.8 <11.8 <11.8 <10.5 <10.5 <10.5 <.102 <.0841 <.0018 <.002 <.0651 <.0959 .011 <.064 <.0805 <.0018 <.0012 <.002 <.0017 <.0029 --------SB4 (7) 2/4/09 7 628 63.2 240 <8.9 20.L <8.9 <.104 <.0859 <.0016 <.0018 <.0666 <.098 .0293 <.0653 <.0823 <.0016 .0121 .0035 .0065 .008 -----Soil to groundwater MSCC (mg/kg) 3300 34 72 3300 34 1.7 4.3 7.5 60 0.58 2.8 4.7 44 7.3 0.58 3.4 .02 Residential MSCC (mg/kg) 9386 93860 469 939 9386 469 63 626 782 469 313 1564 62 313 85 620 782 626 Industrial/Commercial MSCC (mg/kg) 245280 12264 24528 245280 12264 1635 16350 8176 40880 20440 12264 1635 16400 20440 8176 16350 763 The second second second

MSCC = maximum soil contaminant concentration

ft BGS = feet below ground surface

Results are reported in mg/kg.

---- "Not analyzed

Table 2: Summary of Groundwater Sampling Results

Incident Number and Neme: 33539 - Duke University - American Dance Festival Office Facility ID#: NA

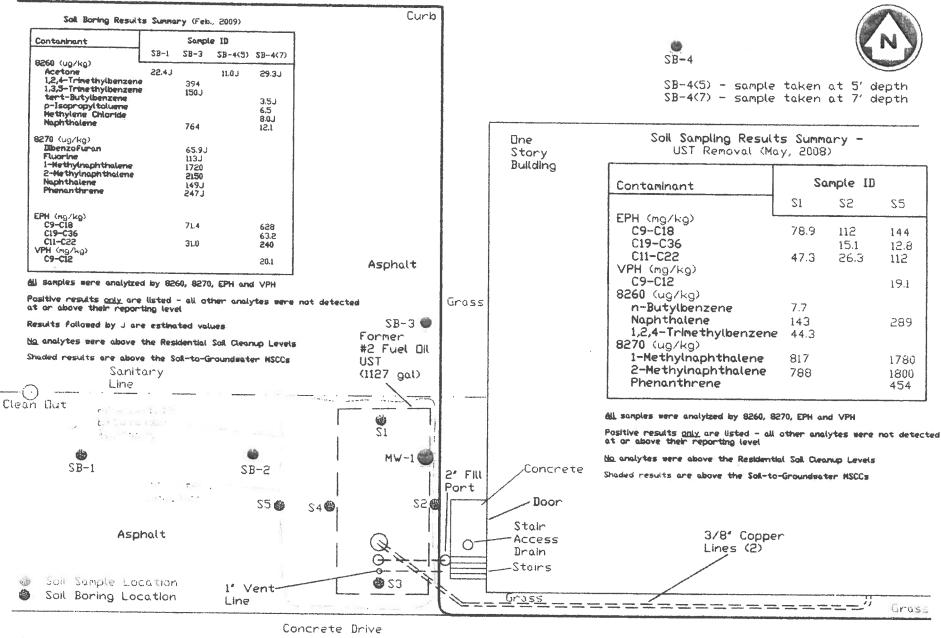
	inc the state		WOED EPH	HADEP EPH	MADEP EPH	MOEP EPH	MADEP EPH	MADEP EPH	EPA 602/62008	EPA 60262008	EPA 602/62008	EPA 602/12008	EPA 602/62008	EPA 602/02008	EPA 60262008	EPA 602/82008	EPA 60262008	529 Y 622	Mass Spec	Mana Spec	Man Spec	Nama Spec	Mean Spor	Mases Spor	Liens Spec	Mean Spec	Mean Spec	Mana Spec	EPA 62008	60023 Vd3
and the	and of the		Alphetic CB-C18	Alignatic C19-C36	Anometic C11-C22	Allpheetic CS-CS	Alphatic Ol-C12	Anomatic CB-C10	Revicens	Ethybeczene	lacoropy/benzame	MTBE	Maphthalane	Tohumo	Kydende, Total	milito-Xytama	a-Xyterna	Bia(2-etrythesyl)phthalate	Dimethylinephtretene laome	C-15 or target alkane	C-16 or larger attano	C-18 or larger alkans	C-14 or larger albums	C-14 er læger eliaine	C-16 or larger altable	C-19 or tangen atluatos	Trenstinythephthatene leomer	C-14 or larger share	Deckendifusionethere	Terrachionostrena
AW-1	Della Inplie fait In Fideric		1200	1450		<100	1520			N D S		106		25.9		125	135	13.6	68.84	69.3J	58.JJ	58.61	54.6J	49.7J	40.2J	39.21	37.4J	30.31	NA	NA
IW-1 715) IW-1	And and the state of the second	MAYE-1			NA	<100	<100	<100	-0.5	-0.5	-0.6	-9.5	Q.0	0.63	41,0	<1.0	-0.5	HA										1	31,1	
705) NW-4 705)	2/12/09		NA NA	NA	NA	<100	<100		40,5	4.6	<0.5		<2.0	41.6	×1.0	<1.0	10.5	NA											40.6	-94
		172.5	4200	42000	210	420	4200	210	,	560	70	200	21	1000	530			2.5											1400	0.7
	00.30				1	-			5000	\$4500	25000	200000	15800	257500	87500			2500								-	_		14000	700
ALC: NO	4, 2 - 24, 1 - 1 2, 2 - 24, 1 - 1 2, 1 - 24, 1 - 1				830	780		830	1.19	97	1600	19	330	11	670	800	800	1.2		L		L			1	1	L		<u> </u>	0.7

Results are reported in µg/l µg/l = micrograms per liter GCL = Gross Contamination Level

J = estimatod NA = Not Analyzed

Duke/UST/184008/Table 2-Summary of Groundwater Sampling Results





Street

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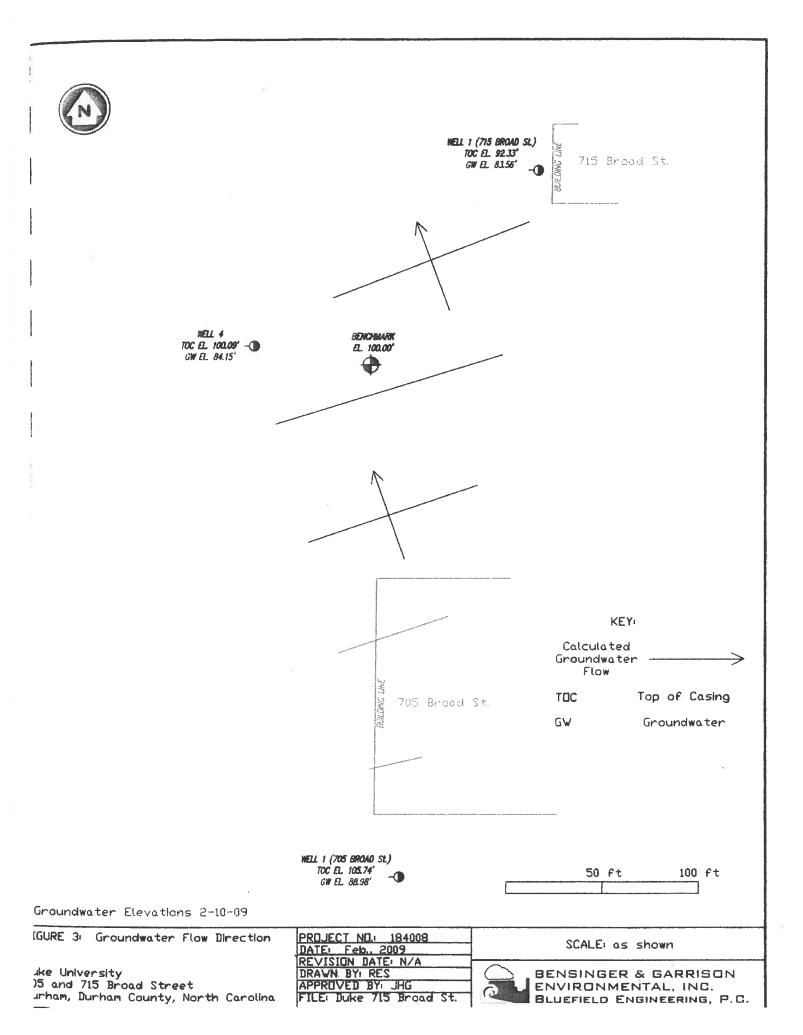
 Asphalt

 *IGURE 2: SOIL BORING LOCATIONS (2.09)

 715 Broad Street UST Removal Durham, Durham County, North Carolina

 BENSINGER & GARRISON ENVIRONMENTAL, INC. BLUEFIELD ENGINEERING, P.C.

 PRDJECT ND.: 184008 DATE: March, 2009 DRAWN BY: RES APPROVED BY: JHG FILE: 715 Bd. St. LSA



NORTH CAROLINA DEPARTMENT OF ENVERONMENT AND NATURAL RESOURCES DIVISION OF WASTE MANAGEMENT

MICHAEL F. EASLEY, GOVERNOR WILLIAM G. ROSS, JR., SECRETARY DEXTER R. MATTHEWS, DIRECTOR



January 23, 2003

Mr. Tom Newsom Manager, Safety and Environmental Affairs Liggett Group, Inc. 100 Maple Lane Mebane, NC 27302

Re: Inactive Hazardous Waste Sites Priority List Liggett & Myers Durham, Durham County

Dear Mr. Newsom:

The site listed above has been included on the October 2002 Inactive Hazardous Waste Sites Priority List (Priority List) in accordance with North Carolina General Statutes Section 130A-310.2. The Priority List is a list of sites where uncontrolled disposal, spills, or releases of hazardous substances have been identified. A special priority system (North Carolina Administrative Code Title 15A Subchapter 13C Section 0.200) is used to rank the sites on this list in decreasing order of danger to public health and the environment.

This letter is being sent to you to fulfill our statutory duty to notify those who own and those who at present are known to be responsible for each site on the Priority List. A copy of the Priority List with each site's rank appearing in the right-hand column is attached. Please note this letter is simply a notice of the site's inclusion on the priority list and is not an order to conduct any work.

If a responsible party or owner wishes to voluntarily perform site cleanup, that party must enter into an agreement with the Branch to ensure Branch approval. You should not proceed with remedial actions independently. Each voluntary remedial action will be overseen by Branch staff or, at the discretion of the Branch, by approved environmental consultants.

Those who are interested in reviewing the Superfund Section's files on any of these sites may contact Scott Ross at (919) 733-2801, ext. 328, to schedule an appointment. If you are interested in conducting a voluntary cleanup of your site, or if you have any questions, you may contact me at (919) 733-2801, ext. 284.

Sincerely,

Charlotte V. Jesneck, Head Inactive Hazardous Site Branch Superfund Section

CVJ/slb(splmerge1-2003 LTR)

Enclosure

1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646 401 Oberlin Road, Suite 150, Raleigh, NC 27605 Phone: 919-733-4996 \ Fax: 919-715-3605 http://wastenot.enr.state.nc.us An Equal Opportunity/Affirmative action Employer 50% Recycled/10% Post-Consumer Paper DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WASTE MAN NCDENR

STATE FILE

MICHAEL F. EASLEY, GOVERNOR WILLIAM G. ROSS, JR., SECRETARY DEXTER R. MATTHEWS, DIRECTOR

May 13, 2002

Ms. Karen Trimberger, CHMM Manager, Environmental Programs DUMC 3914 Durham, NC 27710

RE: Ligget and Myers Site Durham, Durham County

Section of the sectio

Dear Ms. Trimberger:

We received today from Bensinger and Garrison Environmental Inc. the April 1989 Investigation of Solvent Residuals and Preliminary Risk Assessment for the subject site. Based on the sampling data provided in this document and additional information from our files We have determined that no further remediation will be required at the subject site unless the Department later determines based on new information or information not previously provided to the Department, that the site has not been remediated to the current standards or that the Department was provided with false or incomplete information. The site has been assigned a no further action status on the Inactive Hazardous Sites Program inventory.

If you have any questions I can be reached at (919)733-2801 ext. 279.

Sincerely

Hart

Hanna Assefa Environmental Toxicologist Inactive Hazardous Sites Branch Superfund Section

1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646 401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605 PHONE: 919-733-4996 \ FAX: 919-715-3605 AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

+ 25 + 1

Thomas W. Newsom Director of Engineering & Maintenance

December 8, 2000



Ms. Charlotte V. Jesneck, Head Inactive Hazardous Site Branch Superfund Section NCDENR-DWM 401 Oberlin Road, Suite 150 Raleigh, North Carolina 27605

STATE FILE

RE: No Further Action Required Reclassification Request Inactive Hazardous Waste Site # NCD097724009, SIS320100317 Liggett Group Inc. - formerly Liggett and Myers Company Durham, Durham County, North Carolina

Dear Ms. Jesneck:

With this letter, Liggett Group Inc. is requesting a review of previous assessment and remediation activities for the above referenced site, and if feasible, reclassification to "No Further Action Required". Enclosed is a check for the \$500.00 processing fee payable to the NCDENR-DWM.

Liggett Group Inc. believes a change in classification is appropriate due to the following:

- 1. "Generator Closure" was granted by letter from the NCDENR-DWM on January 27, 1993 for the hazardous waste solvent tank (see Attachment I).
- Soil sampling conducted for the <u>Generator Closure Report</u>, dated August 1992, (see Attachment II) revealed contamination from only toluene and xylene in samples taken from the site at levels below the "Health Based" Soil Remediation Goals from Section 4.1.1.1 of the Inactive Hazardous Sites Program - <u>Guidelines for Assessment & Cleanup</u>.
- 3. The groundwater sample obtained from on-site monitoring well MW-2, and analyzed by EPA Method 8240 (Volatile Organics) as part of the closure report in Item #2 above, was *clean* with the exception of contaminants that were also found in a City water sample taken for quality control purposes. The contamination in the monitoring well (MW-2) sample was from using City water for flushing rock from the borehole during drilling operations.
- 4. Additional groundwater samples taken from MW-2, and <u>after</u> the above mentioned <u>Generator Closure Report</u> was submitted, were analyzed by EPA Method 8240 for Volatile Organics and showed no contamination (see Attachment III).

- 5. A sample of soil cuttings taken during monitoring well (MW-2) installation at the site (see Attachment II) and analyzed by TCLP for Volatile Organics (EPA Method 8240) showed no detectable contamination.
- 6. During site assessment activities, three soil samples were obtained from a boring on the low side of the wall adjacent to the former spent solvent underground storage tank (see location TB-1, Figure 1: Site & Borehole Location Map, in Attachment IV) and analyzed for TCLP Volatiles (EPA Method 8020). Sample depths relative to the surface at the former tank location were eleven, fourteen, and seventeen feet for TB1-A, TB1-B, and TB1-C Levels of toluene and xylene detected are below the "Protection of Groundwater" Soil Remediation Goals in Section 4.1.1.2 of the Inactive Hazardous Sites Program - Guidelines for Assessment & Cleanup (see Attachment IV). This sampling event

was conducted prior to operation of the vapor extraction system discussed in the August 1992 Generator Closure Report.

- 7. The subsurface soils for the site and surrounding areas are very firm and have high clay content. Permeability is therefore low for these soils providing a confining layer below contamination remaining after vapor extraction. Soil formations within this area are described in the Durham County Soil Survey under White Store-Creedmoor association (see Attachment V).
- 8. Notification of an Inactive Hazardous Substance or Waste Disposal Site was submitted to the NCDENR - Superfund Section, Inactive Hazardous Site Branch on June 4, 1999 in accordance with NCAC Title 15A-13C.0101.
- 9. Two copies of the site survey with the appropriate language regarding the presence of an Inactive Hazardous Waste Site were filed with the Durham County Register of Deeds on December 1, 2000.

Liggett Group Inc. looks forward to your response. Should you have any question concerning this request or need additional information, please call me or Jack Garrison of Bensinger & Garrison Environmental, Inc. at (919) 484-8536.

Sincerely, LIGGETT GROUP INC.

I I U. Dewson

Thomas W. Newsom Director of Engineering & Maintenance

Jack Garrison - B&G (letter only) Enclosures cc:





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OU Action Name	<u>Qualifier</u>	Lead Actual Start	<u>Actual</u> Completion
00 DISCOVERY		F	08/01/1980
00 PRELIMINARY	L	S	05/15/1986
ASSESSMENT			
00 SITE INSPECTION	D	S	09/01/1989
00 SITE REASSESSMENT	N	F	01/24/2000
00 ARCHIVE SITE		EP	08/26/2004

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	VI V	Page 1 of 1
EPA ID: NCD097724009 Site Name: LIGGETT & MYERS TOBACCO CO Alias Site Names: LIGGETT & MYERS TOBACCO CO	State ID:	
City: DURHAM County or Parish: DURHAM	State: NC	
Refer to Report Dated: Report Type: Site Inspection Prioritization 001		
Report Developed by:		•
DECISION:		i.
X 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:		
X 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)		
1b. Site may qualify for action, but is deferred to:		
2. Further Assessment Needed Under CERCLA:		
2a. Priority: Higher Lower		
2b. Other: (recommended action) NFRAP (No Futher Remedial Action Planned		
DISCUSSION/RATIONALE:	đ.	
There are no pathways present at the site. The site decision was changed from defferal to RCRA to NFRAP		
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Site Decision Made by		
Signature:	B _4 A	2/04/2000
	Date: 02	2/04/2000
EPA Form # 9100-3		



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

January 24, 2000

JAMES B. HUNT JR. GOVERNOR

BILL HOLMAN SECRETARY Ms. Jennifer Wendel NC Site Management Section US EPA Region IV Waste Division 61 Forsyth Street, 11th Floor Atlanta, Georgia 30303

WILLIAM L. MEYER

RCRA Deferral - SIP L&M Smith Storage Building NCD 097 724 009 114 S. Buchanan Avenue Durham, Durham County, North Carolina

Dear Ms. Wendel:

Subject:

Due to recently obtained information referred to the Site Evaluation & Removal Branch from the Inactive Hazardous Sites Branch concerning Liggett Group Inc.s' submittal of SECTION A: NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE form (Ref. 1), the site was reevaluated for possible further investigation under CERCLA/SARA. This application addresses historical operations at the site regarding management of waste solvents and past remedial activities by the Liggett Group in conjunction with the NC Hazardous Waste Section. A file review, site visit and community interviews were conducted. This site was initially believed to be a new site due to the different address originally provided. The site was found to have already been listed as "Deferred to RCRA".

The site is located near the heart of downtown Durham, adjacent to Duke University East Campus. On the 1987 photorevised United States Geological Survey (USGS) Northwest Durham map, this location is just south of the Main Street and Buchanan Ave. interchange and adjacent to the Southern Railway and CSX right-of-way. The calculated coordinates of the site are 36° 00' 04" north latitude and 78° 54' 24" west longitude (Ref. 4).

The site is used by Liggett Group as a print shop for the printing/painting of labels and cartons for Liggett Group Inc. products. The L&M building was first used in 1906 as a tobacco storage warehouse prior to the conversion to a print shop. The print shop started operating in 1955 and used a rock-filled pit for the disposal of spent solvents from the printing and machine cleaning process. Components of the spent solvents included hexane, acetone, toluene, isopropyl acetate, and anhydrous ethyl alcohol.



Ms. Wendel January 24, 2000 Page 2

In 1977 a 5000-gallon underground storage tank (UST) was installed to replace the rock-filled pit and containerize the spent solvents. The tank was placed in approximately the same location as the former disposal pit. In late 1988, the underground solvent tank was taken out of service and replaced with an in-house solvent recovery still system. The tank, with associated piping, was thoroughly cleaned with a detergent solution and the tank filled with clean sand as part of a RCRA Clean Closure (Refs. 1; 2; 3; 5).

In July 1989, a Site Screening Investigation was completed by the NC Superfund Section. No impacted targets were identified as a result of this investigation and the site was referred to the NC Hazardous Waste Section for evaluation of a RCRA closure for the UST (Refs. 2; 6).

On 13 July 1999, NC Superfund Section personnel conducted a reconnaissance of the area encompassing the L&M Smith Storage Building site and approximately one-half mile surrounding the site (Ref. 7). The source area, at the site, is located in the southwest corner of the site. This source area is contained by a brick retaining wall that borders the southern property boundary and is covered by an asphalt driveway/parking area. The area to the north of the site is currently a mixed use of commercial business and Duke University East Campus; to the east are several developed warehouse facilities and commercial establishments; to the south of the site, Highway 147 separates the site from mostly residential use; and to the west of the site is predominantly Duke University undeveloped property along with support service buildings of Duke University. All of the above mentioned areas are within the city limits of Durham and served by the City of Durham public water system (Refs. 8; 9; 10; 11; 12: 13).

The July 13, 1999 discussion with a member of the community located adjacent to the site revealed that public water has been supplied to his residence for thirty plus years. Accordingly, the surrounding area has public water available based upon the visual observation of city water meters and hydrants located in front yards of area homes (Ref. 7).

According to the NC Public Water Supply Database and discussions with NC Public Water Supply personnel, there are no public water supply wells within a mile of the site. The site reconnaissance did not locate any private wells within one-half mile of the site. City water supply maps, as well as a phone conversation with Durham County Health Department - Environmental Health Section, confirmed that the residents within a mile of the site are on public water systems and have been for several decades (Refs. 11; 12; 13).

Although the USGS map indicates the presence of a small, intermittent stream, and an unnamed perennial stream located to the west of the site; the site reconnaissance did not locate any surface water bodies in the immediate area of the site. The closest perennial stream, according to the USGS map, is an un-named tributary of Sandy Creek that is located approximately one mile from the site (Ref. 14). Ms. Wendel January 24, 2000 Page 3

The attached National Wetland Inventory Map does indicate the presence of a wetland with approximately 750 feet of possible affected frontage, located 1.25 miles downstream of the site (Ref. 15). No fisheries are reported along the surface water pathway within 2.75 miles downstream of the site. There are no drinking water intakes within fifteen miles downstream of the site (Refs. 9; 16).

Based upon the information reviewed in the initial site screening report prepared in July 1989 by the NC Superfund Section, the NC Hazardous Waste Section files for L&M Smith Storage Building and the information obtained by phone interviews, there are <u>no</u> likely pathways by which the site will score <u>greater than 28.5</u> using the HRS. Therefore, the NC Superfund Section recommends that the disposition assigned to this site be changed from "Deferred to RCRA" to "No Further Remedial Action Planned" (NFRAP) under CERCLA.

If you have any questions about the information is this letter or concerns you may reach me at 919-733-2801, extension. 290.

Sincerely,

Dan LaMontagne, Head Site Evaluation and Removal Branch NC Superfund Section

Attachments

cc: Charlotte Jesneck (letter only)

Approved by:

Date: _____

Jennifer Wendel, NC Site Management Section

GENERATOR CLOSURE REPORT

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LIGGETT GROUP, INC SMITH STORAGE BUILDING SITE DURHAM, NC

August 18, 1992

Integrated Laboratory Systems

PO Box 13501, Research Triangle Park, NC 27709

INTRODUCTION

This report presents data substantiating the successful remediation of a former waste solvent pit and underground storage tank of Liggett Group Inc. (Liggett) located on the "Smith Storage Building" site near Buchanan Boulevard and Maxwell Avenue in Durham, NC. The site remediation was conducted in accordance with the Closure Plan (NCD097724009) of July 1989 as amended in November 1989 and approved by NCDEHNR on December 7, 1989. NCDEHNR determined that the site remediation would be considered within generator closure standards and approved a health-based clean closure level of 10 ppm in the soil for the principal constituent of intent, toluene. Groundwater samples were also taken to assure that residuals did not enter the water table. Pertinent documents called out in this report were previously submitted to NCDEHNR.

DISCUSSION

During the period 1972 to 1987, Liggett utilized an underground storage tank to temporarily store spent solvent solutions generated from printing shop operations at the Smith Storage Building location. The property at the location of the tank is elevated above Maxwell Avenue about six feet. The tank was buried adjacent to a brick wall which supports the elevated The spent solvent solutions were comprised of driveway area. various blends of the non-halogenated solvents: Toluene, hexane, acetone, isopropyl acetate, and ethyl alcohol. Liggett routinely disposes of these spent solvents under the State of North Carolina hazardous waste generator identification number NCD097724009 using licensed waste transporters and permitted hazardous 🐘 waste treatment, storage, and/or disposal facilities.

In October,1987, the spent solvent storage operation was replaced with an in-house solvent recovery still system. The spent solvent storage tank and attendant piping thus became superfluous to the operation. Liggett closed the spent solvent tank in-place. The tank and associated piping were thoroughly cleaned with a detergent solution and the tank filled with clean sand. The tank closure procedures were verbally reported by Liggett to the North Carolina Department of Human Resources (DHR) on January 26, 1988 and by letter on March 3, 1988.

Upon review of the tank closure procedures, DHR personnel requested that Liggett obtain and analyze soil samples from beneath the closed tank to provide final closure documentation. The findings of these investigations are reported in "Hazardous Waste Tank Post-Closure Site Investigation" performed March 21, 1988 and "Subsurface Investigation for Solvent Tank Closure; Smith Storage Building; Durham, NC" performed June 7, 1988. These studies confirmed soil residuals of toluene in a limited area beneath and adjacent to the site of the former spent solvent tank. Other residuals measured during these studies include benzene, ethyl benzene, and xylenes, although at lower concentrations and less consistent occurrence frequencies. Due to the anticipated small quantity of materials released to shallow surface soils, low specific gravity of all materials released, and presence of a continuous impermeable layer above the groundwater zone, DHR requested all field studies be designed so that groundwater zones would not be penetrated. The assumption was that these materials have not reached the groundwater, and that penetration of the protective layer could provide a pathway that does not presently exist.

As a result of reviewing these findings, DHR personnel requested that Liggett submit a generator closure plan for the waste solvent tank along with additional field investigations to further delineate the soil residuals. "Closure Plan, Spent Solvent Storage Tank, Liggett Smith Storage Building, Durham, NC", December 30, 1988 was submitted to DHR. In conformance with that plan, additional soils sampling was accomplished and a preliminary risk assessment was conducted. Studies of alternatives to soil excavation and disposal were undertaken ("Investigation of Solvent Residuals & Preliminary Risk Assessment Smith Storage Building", April 7, 1989 and "Feasibility Studies for Remediation Methods for Liggett Smith Storage Building Site, Durham, NC", June 2, 1989).

Adjacent to the former spent solvent tank, is the site of a former waste solvent pit, which was operated from 1955 to 1972. This pit was used for routine disposal of similar types of nonhalogenated printing solvents as standard practice until installation of the underground storage tank. This former pit site was first listed on North Carolina Inactive Waste Sites Priority List in 1989 and as of February 1992 is last on the list of 104 sites (lowest priority).

Liggett submitted "Closure Plan for L&M Smith Storage Building Site, Buchanan Blvd., Durham, NC" on July 19, 1989. The plan was for the clean closure of the former spent solvent tank and waste solvent pit. It addressed the remediation of the soil residual toluene by in-situ vapor extraction to achieve a clean closure equivalency of 10 ppm. An addendum was added to the plan in November 1989 in response to questions raised by the North Carolina Department of Environment, Health and Natural Resources, Division of Solid Waste Management (NCDEHNR) and the plan as amended was approved by NCDEHNR on December 7, 1989 with instructions to proceed with the plan's implementation.

A vapor extraction system consisting of five extraction wells connected by manifold to a regenerative blower was installed and began operation on March 2, 1990. An "Interim Report - Vapor Extraction System Installation and Start Up", June 1, 1990 was submitted to NCDEHNR as the first of a series of quarterly progress reports.

CLEAN CLOSURE CONFIRMATION

Toluene levels in the system discharged at the end of December 1991 had diminished to the point where it was considered appropriate to develop and implement a sampling and analysis plan to evaluate the site to determine if clean closure has been achieved. Figure 1 shows the amount of toluene extracted over time. It is estimated that 228 gallons of toluene have been removed from the site (March 1990 through July 1992). Since January 1992 toluene concentrations in the system discharge have averaged approximately 0.6 ppm. The extraction rate determined July 21, 1992 was 0.24 grams per hour. It is Liggett's intent to continue to operate the vapor extraction system until the site's clean closure is approved by NCDEHNR.

After reviewing the status of the remediation effort and documentation submitted by Liggett, NCDEHNR notified Liggett (letter March 9, 1992) that:

"In order for this office to evaluate Liggett & Myers' closure efforts and to consider "clean closure" within generator closure standards, Liggett & Myers Tobacco Company will be required to complete the following:

> "One sample of the residual material remaining in the tank to ensure that all hazardous waste were removed during closure. This sample must be within the tank at the extreme bottom.

> "Three additional soil samples at borings described as #1, #3 and #4. These soil samples should be taken at the ten (10) foot level in each location and an additional sample at the twenty (20) foot level in location #4.

"One ground water monitoring well located downgradient of the tank system capable of determining groundwater water quality in this zone. This well should be located within the parking lot area at the approximate 100 ppm isopleth boundary.

"To avoid any confusion regarding sampling parameters, all ground water and soil samples should be analyzed using method 8240. All efforts to prevent cross contamination during the installation of the monitoring well must be ensured."

The three required boreholes (S-1, S-3 & S-4) were drilled April 8, 1992 using an 8" diameter hollow-stem auger. Figure 2 shows the soil sampling and monitoring well locations in relation to the 10 ppm and 100 ppm toluene residual isopleths originally identified. Air inlet vents and vapor extraction wells are also identified.

Sample Type	Sampla 10	Analysis	Detectable Parameturs/Concentration (ppm)	Date Collected
le - State	5-1	Hethod 8240	Toluene 4.18 Xylenes 0.317	04-08-92
And States	B (QA-S-1)	Hethod 8240	Acetone 9.46 2 Butanone 2.09	04-08-92
11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	s-3	Nethod 8240	Toluene 3.650	04-08-92
fail .	C (QA-S-3)	Method 8240	Acetone 6.810 Toluene .142	04-08-92
	s-4-10	Method 8240	BDL	04-08-92
	\$-4-20	Method 8240	BOL	04-08-92
and a set	E (QA-S-4-20)	Nethod 8240	BDL	04-08-92
Tank Fill	S-7	Hethod 8240	BD1.	04-08-92
and the second	F (QA-5-7)	Method 8240	BOL	04-08-92
Broundwater .	NU-2	Method 8240	1,2-Dichloroethane 0.112 Toluene 0.104	06-16-92
City Vator	City Water	Nethod 8240	1,2-Dichloroethane 0,104 Toluene 0.110	06/16/92
Soil Cuttings	Total	TCLP Volatile Organics	BÓL	06-23-92
Orilling Mod	Drill Mud	Nethod 8240	BDL	06-23-92

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*BDL - Below Detection Limit - Detection limit for toluene = .005 ppm See Appendix A for detection limits of other analytes

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CONCLUSIONS

Method 8240 constituents were not detected in the soil sample collected from inside the abandoned tank at the extreme bottom. This confirms that all hazardous wastes were removed during closure.

Toluene residuals were below the clean closure target of 10 ppm in all soil samples analyzed. The clean closure target has been achieved.

Other residuals detected (Xylene, 2-Butanone and Acetone) were all below 10 ppm. These residuals are not considered to present an adverse human health or environmental risk.

Residuals detected in the monitoring well sample by method 8240 (1,2-Dichloroethane and toluene) were also the only residuals detected in the sample from the Durham City Water supply. The concentrations in both samples varied only slightly for each residual, (Toluene 5%, 1,2-Dichloroethane 7%). It is concluded that the concentrations in the monitoring well sample were due either to flushing ground rock from the well with city water during construction or a laboratory anomaly.

Soil cuttings and drilling mud produced during installation are non-hazardous and can be disposed as such.

FURTHER ACTION

Upon approval of clean closure by NCDEHNR Liggett will:

- Abandon all monitoring wells, vapor extraction wells and air inlet vents in accordance with NCDEHNR regulations and procedures.
- Remove vapor extraction equipment from the site.
 - Remove accumulated non-hazardous soil cuttings and drilling mud.

Restore pavement.

Petition the Division of Solid Waste Management to reclassify this site as "Remedial Action Completed."

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Department of Environment	and Network
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This form the title	t and Natural Resources, Division of Waste Management, Underground Storage Tank Section Release and UST Leak Ronorth
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Table 1Summary of Soil Sample Analyses2501 Englewood Ave., Durham

Analytical Methods				Concentrat	ions (mg/kg)		ý.	Soil-to-	Residential
Constituents	ID #	SP-1	S-1	S-2	S-3	S-4	S-5	Groundwater	Standard
TPH 3550	DRO					No. In the	Section Section	10	10
TPH 5030	GRO	83.2	72.51 V 35.45					10	10
MADEP EPH/VPH	4						ALLEY ALL		
C5 - C8 Aliphatics	C5 - C8 Aliphatics		< 0.342	<0.343	< 0.324	<0.768	<0.713	72	939
C9 - C18 Aliphatics	C9 - C12 Aliphatics		2.4J	<1.95	<1.84	<4.35	<4.04		
	C9-C18 Aliphatics		· <2	<1.98	<2.07	<2.05	<2.15	3255	9386
C19 - C36 Aliphatics	C19 - C36 Aliphatics		<2	<1.98	<2.07	<2.05	<2.15	CI	93860
C9 - C22 Aromatics	C9 - C10 Aromatics		<0.571	<0.572	< 0.541	<1.28	<1.19		
	C11 - C22 Aromatics		<2	<1.98	<2.07	<2.05	<2.15	34	469
Method 8260 - Purgeabl	e Organics			-					
acetone			0.0089	0.0668	0.0093	0.0331	<0.0058	2.8	1564
Tetrachloroethene			< 0.001	<0.0009	< 0.0006	< 0.0011	0.0274	0.0074	12
Trichloroethene			< 0.0011	< 0.0011	<0.0007	<0.0012	0.0068	0.018	1.6
1,1,1-Trichloroethane	4		< 0.0011	<0.0011	< 0.0007	< 0.0012	0.0016J	1.6	4380
Ethylbenzene			< 0.0013	<0.0012	<0.0008	< 0.0014	0.0574	0.24	1560
1,1-Dichloroethene			< 0.0011	0.0054	0.007	0.0052	< 0.0016	0.045	1
cis-1,2-Dichloroethene			<0.0011	<0.0011	<0.0007	< 0.0012	0.0084	0.35	156
n-Propylbenzene			< 0.0011	<0.0011	<0.0007	< 0.0012	0.0038	2	156
1,2,4-Trimethylbenzen	e		< 0.0013	<0.0012	<0.0008	< 0.0014	0.012	8	782
1,3,5-Trimethylbenzen	e		< 0.001	<0.0009	<0.0006	< 0.0011	0.0054	7	782
Naphthalene	, A.S.		< 0.001	<0.0009	0.0029	< 0.0011	0.0033	0.58	63
Toluene			< 0.0013	<0.0012	<0.0008	< 0.0014	0.0517	7	3200
Xylenes			<0.0037	< 0.0035	< 0.0024	< 0.0039	0.3125	5	32000
Method 8270 - Semivolatile Organics		May Set Provide						1	52000
1-Methylnapthtalene	6.		<0.226	<0.227	<0.214	<0.249	<0.278	NL	NL
2-Methylnaphthalene			<0.226	<0.227	<0.214	< 0.249	< 0.278	3	63
Sample Collect	ion Information: Date	5/30/2006	5/30/2006	5/30/2006	5/30/2006	5/30/2006	5/30/2006		
	Depth (feet)		9	7.5	7.5	7.5	7.5		
	Location	stockpile	floor	sidewall	sidewall	sidewall	sidewall		

*

Bold-faced concentrations indicate violations of applicable Maximum Soil Contamination Concentrations listed on pages T-5 & T-6 of

NCDENR's UST Section Guidelines for Assessment and Corrective Action, Effective July 1, 2001.

* NCDENR's TPH Standard

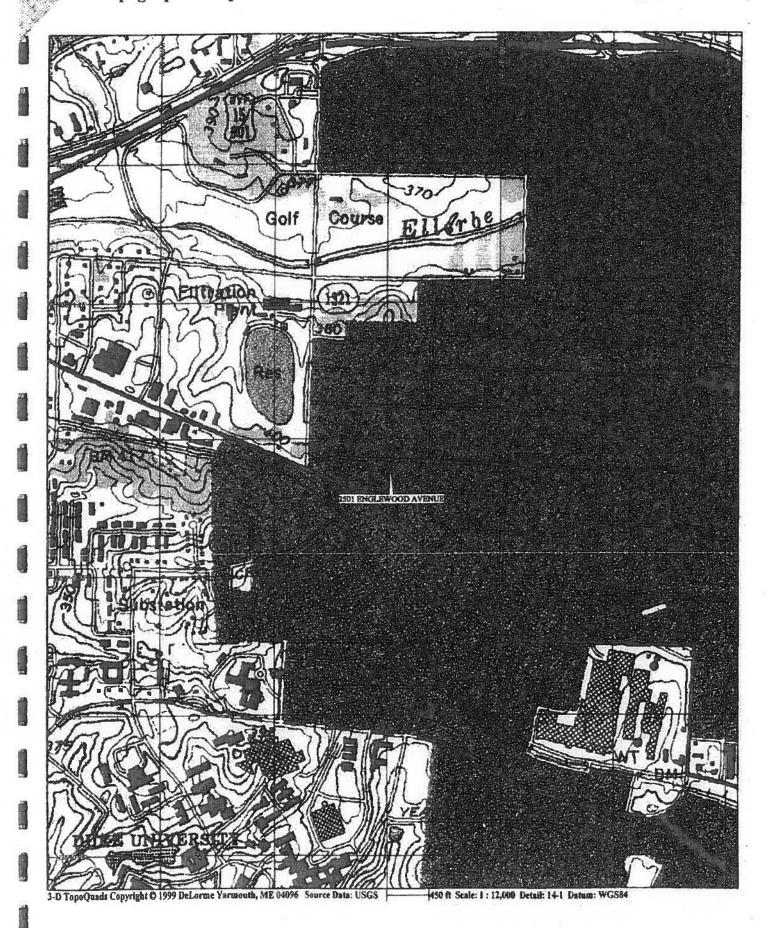
CI - Considered Immobile

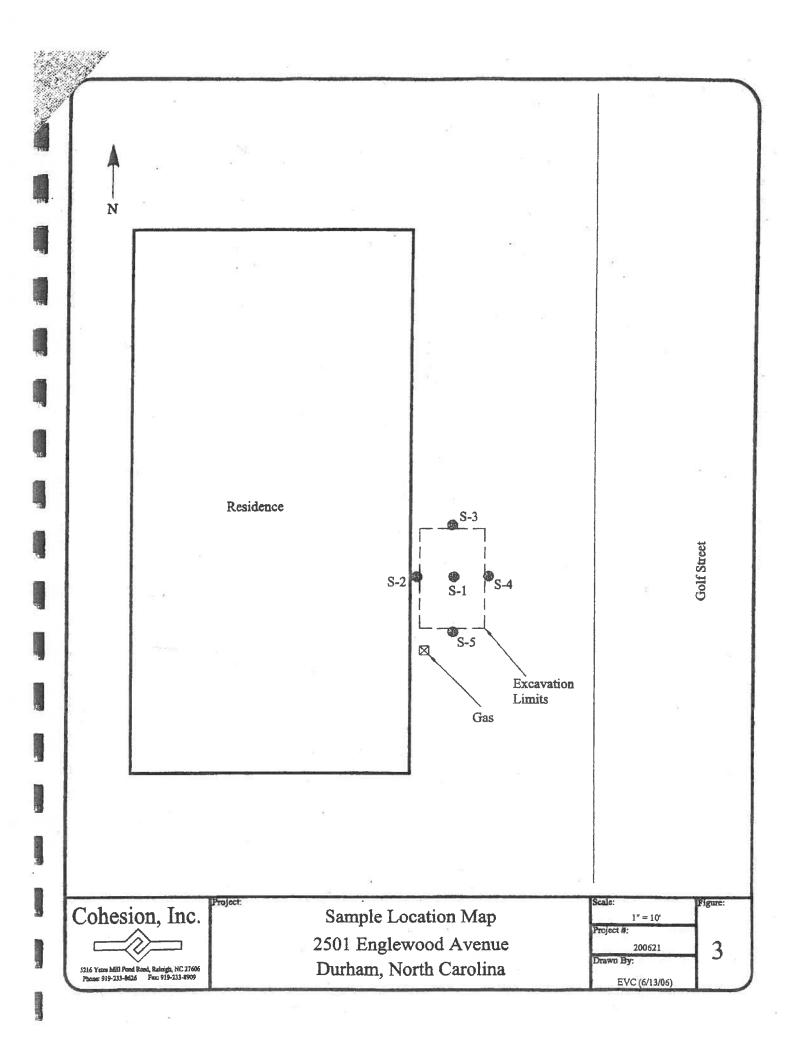
NA - Not Analyzed

NL - Not listed in NCDENR's Standard

ND - Not Detected

Topographic Map





LASALLE INVESTMENT MANAGEMENT.

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LaSalle Investment Management 153 E 53rd Street New York, NY 10022 tel +1 212-812-5700 fax +1 212-421-9027

January 7, 2009

Mr. David Peacock NCDENR Brownfields Program 401 Oberlin Road, Suite 150 Raleigh, NC 27605

Re: Station Nine Land Use Restriction Update- Project Number 06010-02-32

Dear Mr. Peacock:

As required by Land Use Restriction Number 5 in the Notice of Brownfields Property and in Section V. <u>Work To Be Performed</u> of the Brownfields Agreement, paragraph v, the owner of the property is required to submit within 14 days of each anniversary of the effective date (January 8, 2003) of the Agreement a Land Use Restrictions Update ("LUR Update") to the North Carolina Department of Environment and Natural Resources (NCDENR).

Please feel free to contact me if you have any questions or require further information.

Sincerely,

Lucas Kimmel Associate LaSalle Investment Management

CC: Brian Tague, LaSalle Investment Management Anthony O'Malley, LaSalle Investment Management



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor William G. Ross Jr., Secretary

October 24, 2008

CERTIFIED MAIL RETURN RECEIPT

Mr. Brian Tague ELPF Station Nine, LLC 153 East 53rd Street New York, NY 10022

Subject:

Annual Land Use Restrictions Update Erwin Square 2211 Hillsborough Road Durham, Durham County Brownfields Project Number: 06010-02-32

Dear Mr. Tague:

Attached is a new Land Use Restrictions Update {LURU} form that is to be used to comply with the Notice of Brownfields Property for the above mentioned site. Please review the new form and mark the appropriate compliance status under each land use restriction {LUR}. In addition, a space is provided for comments pertaining to a specific LUR that may add clarification on compliance. Please notarize and submit the new LURU form to the North Carolina Department of Environment and Natural Resources {DENR}, Brownfields Program, 401 Oberlin Road, Suite 150, Raleigh, NC 27605. Please continue to use the new form for all future LURUs.

In addition, an electronic copy of the new form will be made available by e-mail upon request. You may contact me at (910) 796-7215 or by e-mail at <u>David.Peacock@ncmail.net</u> with any questions.

Sincerely

David Peacock Brownfields Compliance Coordinator

Enclosures: New LURU

Cc: Central Files

Ec: Bruce Nicholson, NCDENR Rob Gelblum, Special Deputy Attorney General

> 1646 Mail Service Center, Raleigh, North Carolina 27699-1646 Phone 919-508-8400 \ FAX 919-715-6358 \ Internet http://wastenotnc.org

SCHELL BRAY AYCOCK ABEL & LIVINGSTON PLLC.

ATTORNEYS AND COUNSELLORS AT LAW

Suite 1500 Renaissance Plaza 230 North Elm Street Greensbord, North Carolina 27401

January 10, 2003

MAILING ADDRESS P.O. BOX 21847 GREENSBORO, N.C. 27420

TELEPHONE (336) 370-8800

TELECOPIER (336) 370-8830

WRITER'S DIRECT DIAL NUMBER (336) 370-8810

WRITER'S E-MAIL ADDRESS bchristy@sboal.com



JAN 13 2003

Via Federal Express Mr. Tony Duque Brownfields Project Manager NC DENR Division of Waste Management – Superfund Section 401 Oberlin Road, Suite 150 Raleigh, NC 27605

> Re: Brownfields Agreement – WP East Acquisitions, L.L.C. 2211 Hillsborough Road, Durham, North Carolina

Dear Mr. Duque:

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BRAXTON SCHELL

MICHAEL R. ABEL PAUL H. LIVINGSTON, JR.

WILLIAM P. AYCOCK II

THOMAS C. WATKINS

MICHAEL H. GODWIN

BARBARA R. CHRISTY

MELANIE S. TUTTLE LOUISE A. MAULTSBY

JENNIFER L.J. KOENIG

GARLAND G. GRAHAM STACEY A. BRADY GAVIN J. REARDON

LINDY BODE AUCOIN JILL L PETERS J. CRAIG KISER

OF COUNSEL

EDWARD A. MEYER

JOHN A. MCLENDON, JR.

DORIS R. BRAY

At the request of Alan G. Dexter, Esq., enclosed are the following documents in reference to the above matter:

1. Original execution copy of the Assignment of Brownfields Agreement;

- 2. Certified copy of the Notice of Brownfields Agreement as recorded on January 9, 2003, in Book 3724, Page 824 of the Durham County Registry; and
- 3. Certified copy of the survey recorded on January 9, 2003, in Book 157, Page 277, Durham County Registry.

Sincerely,

Schell Bray Aycock Abel & Livingston P.L.L.C.

Chrisp Turlau K Barbara R. Christy

BRC:ljb

Enclosures

cc: Alan G. Dexter, Esq.

Eric G. Sullenger (w/copies of enclosures)

ASSIGNMENT OF BROWNFIELDS AGREEMENT

THIS ASSIGNMENT OF BROWNFIELDS AGREEMENT (this "Assignment Agreement") is entered into this 2th day of January, 2003 by WP East Acquisitions, L.L.C. ("WP East"), a Georgia limited liability company; WP Lofts, L.L.C., a Georgia limited liability company ("WP Lofts"); and the North Carolina Department of Environment and Natural Resources ("DENR"), and becomes effective upon the occurrence of the last of the following: the above-referenced date, WP Lofts' below-referenced purchase of property that is the subject of this Assignment Agreement, or recordation at the Durham County, N.C. Register of Deeds office of the Notice of Brownfields Property required to be filed in connection with the belowreferenced Brownfields Agreement.

Recitals

A. On May 17, 2002, WP East submitted to DENR its letter of intent to seek a Brownfields Agreement pursuant to the Brownfields Property Reuse Act of 1997, N.C.G.S. § 130A-310.30, *et seq.* (the "Act") with respect to approximately 6 acres of land located at 2211 Hillsborough Road in Durham, North Carolina. That land is the "Brownfields Property" that is the subject of this Assignment Agreement.

B. WP East contracted to purchase the Brownfields Property from Erwin Square Limited Partnership by contract dated December 29, 2000 (the "Land Contract").

C. WP East and DENR negotiated the terms of a Brownfields Agreement governing the redevelopment of the Brownfields Property, and submitted that agreement for a 60-day public comment period commencing October 15, 2002.

D. The Brownfields Agreement was executed by WP East and DENR and became effective on January \mathcal{D} , 2003. On January \mathcal{D} , 2003, WP East, via the "Contract Assignment," assigned its rights under the Land Contract to WP Lofts. WP East now desires to assign certain rights and obligations under the Brownfields Agreement to WP Lofts, and DENR consents to such assignment, subject to the terms and conditions of this Assignment Agreement.

NOW THEREFORE, in consideration of the premises and the covenants and obligations set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WP East and WP Lofts agree, and DENR consents to that agreement, as follows:

1. **Rights and benefits of the Brownfields Agreement.** As the purchaser of the Brownfields Property, WP Lofts is entitled to the benefits of the liability protection provided in the Brownfields Agreement to the extent provided in the Act, including without limitation the protections in paragraphs 17 and 31 of the Brownfields Agreement (relating to DENR's covenant not to sue and contribution protection). WP East retains its rights to and benefits of the liability protection granted under the Brownfields Agreement, including without limitation the protections in paragraphs 17 and 31 thereof.

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FOR REGISTRATION REGISTER OF DEEDS WILLIE COUNTY, NC 2003 JAN 09 12:53:42 PM BK:3724 PG:824-852 FEE:\$95.00 INSTRUMENT # 2003002145

Presence Ber Busen & Cluster Return to Busen & NOTICE OF BROWNFIELDS PROPERTY PO Boy 21847 Humano, mc 27420

This Notice of Brownfields Property ("Notice") is filed on <u>January</u> 9, 200<u>3</u> by WP East Acquisitions, L.L.C. (hereinafter "Prospective Developer"), and is recorded at the Durham County Register of Deeds office in Book <u>373</u> Page <u>83</u> The current owner of the property that is the subject of this Notice is WP Lofts, L.L.C.

This is a notice regarding contaminated property.

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A certified copy of this Notice certified by the North Carolina Department of Environment and Natural Resources (hereinafter "DENR") is required to be filed in the Register of Deeds' Office in the county or counties in which the land is located, pursuant to North Carolina General Statutes (hereinafter "NCGS"), Section (hereinafter "§") 130A-310.35(b).

This Notice is required by NCGS § 130A-310.35(a), in order to reduce or eliminate the danger to public health or the environment posed by environmental contamination at a property (hereinafter the "Brownfields Property) being addressed under the Brownfields Property Reuse Act of 1997, NCGS § 130A, Article 9, Part 5.

Pursuant to NCGS § 130A-310.35(b), the Prospective Developer must file a certified copy of this Notice within 15 days of Prospective Developer's receipt of DENR's approval of the Notice or Prospective Developer's entry into the Brownfields Agreement, whichever is later. Pursuant to NCGS § 130A-310.35(c), the copy of the Notice certified by DENR must be recorded in the grantor index under the names of the owners of the land and, if Prospective Developer is not the owner, also under Prospective Developer's name.

The Brownfields Property consists of approximately six (6) acres of land located at 2211 Hillsborough Road in Durham, Durham County, North Carolina. Prospective Developer intends to redevelop the Brownfields Property for high-density residential use. The Property was first developed in approximately 1893 as part of a larger tract on which was located a Burlington Industries textile mill. Since approximately 1989, when the mill was decommissioned and razed, the Property has been used only as a parking lot. As a result of activities conducted at the former

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textile facility, groundwater contamination is known to exist at the Property. Based on representations by Prospective Developer, DENR has determined that Prospective Developer did not cause or contribute to the contamination at the Brownfields Property.

A Brownfields Agreement between Prospective Developer and DENR is attached hereto as <u>Exhibit A</u>. It sets forth the use that may be made of the Brownfields Property and the measures to be taken to protect public health and the environment, and is required by NCGS § 130A-310.32.

Exhibit B to this Notice is a reduction of the survey plat required by NCGS § 130A-310.35(a); the original is recorded at <u>Map Book 157, Page 277</u>. It is a plat of areas designated by DENR that has been prepared and certified by a professional land surveyor and that meets the requirements of NCGS § 47-30. That plat contains the following information required by NCGS § 130A-310.35(a):

(1) The location and dimensions of the areas of potential environmental concern with respect to permanently surveyed benchmarks.

(2) The type, location and quantity of regulated substances and contaminants known to exist on the Brownfields Property. The following table also sets forth the type and quantity of such substances (in micrograms per liter, the equivalent of parts per billion, or ppb):

Contaminant	Maximum Concentration
1,1-Dichloroethene	200
Tetrachloroethene	11

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Attached hereto as $\underline{\text{Exhibit C}}$ is a legal description of the Brownfields Property that would be sufficient as a description of the property in an instrument of conveyance.

LAND USE RESTRICTIONS

NCGS 130A-310.35(a) also requires that the Notice identify any restrictions on the current and future use of the Brownfields Property that are necessary or useful to maintain the level of protection appropriate for the designated current or future use of the Brownfields Property and that are designated in the Brownfields Agreement. The restrictions shall remain in force in perpetuity unless canceled by the Secretary of DENR (or its successor in function), or his/her designee, after the hazards have been eliminated, pursuant to NCGS § 130A-310.35(e). Those restrictions are hereby imposed on the Brownfields Property, and are as follows:

1. No water supply wells may be installed or used at the Property, and groundwater at the Property shall not be accessed or used for any purpose unrelated to monitoring or other response activities under DENR's direction or jurisdiction. 2. No mining activities may be conducted on or under the Property.

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3. No activities that result in direct exposure to or removal of groundwater (for example, construction or excavation activities which encounter or expose groundwater) may be conducted on the Property without prior sampling and analysis of groundwater in the area where such activities are to be conducted, submittal of the analytical results to DENR or its successor in function along with plans and procedures to protect human health and the environment during those activities, and approval of those activities by DENR or its successor in function.

4. No basements shall be constructed at the Property unless they are, as determined by DENR, vented in conformance with applicable building codes, and no fountains, ponds, lakes, swimming pools or other items supplied, in whole or in part, by groundwater, other than municipally provided groundwater or groundwater first tested to DENR's satisfaction for volatile organic chemicals, may be constructed on the Property without DENR's prior approval.

5. Within fourteen (14) days of each anniversary of the effective date of this Agreement, the then current owner(s) of each portion of the Property shall submit a notarized Land Use Restrictions Update ("LUR Update") to DENR certifying that this Notice remains recorded at the Durham County Register of Deeds office, and that the land use restrictions contained herein are being complied with. In the event that the Property is owned by multiple owners (e.g., condominium owners or a partnership), the requirements of this paragraph may be satisfied by one person or entity submitting the LUR Update on behalf of all the owners (e.g., a condominium association may make the submission).

ENFORCEMENT

The above land use restrictions shall be enforceable without regard to lack of privity of estate or contract, lack of benefit to particular land, or lack of any property interest in particular land. The land use restrictions shall be enforced by any owner of the Brownfields Property. The land use restrictions may also be enforced by DENR through the remedies provided in NCGS 130A, Article 1, Part 2 or by means of a civil action; by any unit of local government having jurisdiction over any part of the Brownfields Property; and by any person eligible for liability protection under the Brownfields Property Reuse Act who will lose liability protection if the restrictions are violated. Any attempt to cancel any or all of this Declaration without the approval of the Secretary of DENR (or its successor in function), or his/her delegate, shall be subject to enforce any of the above restrictions shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

FUTURE SALES, LEASES, CONVEYANCES AND TRANSFERS

When any portion of the Brownfields Property is sold, leased, conveyed or transferred,

pursuant to NCGS § 130A-310.35(d) the deed or other instrument of transfer shall contain in the description section, in no smaller type than that used in the body of the deed or instrument, a statement that the Brownfields Property has been classified and, if appropriate, cleaned up as a brownfields property under the Brownfields Property Reuse Act.

IN WITNESS WHEREOF, Prospective Developer has caused this instrument to be duly executed this 3^{++} day of <u>Jonuary</u>, 2003

WP East Acquisitions, L.L.C.

1/8/03 By: Date Name: Title: VP

NORTH CAROLINA DURHAM COUNTY

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I, $\underline{HOXONCC}$, a Notary Public of the County and State aforesaid, certify that $\underline{DeboalC}$. Adversois \underline{VP} personally came before me this day and acknowledged that he/she of WP East Acquisitions, L.L.C., a Georgia Limited Liability Company, and that by authority duly given and as the act of the company, the foregoing Notice of Brownfields Property was signed in its name by him/her.

WITNESS my hand and official stamp or seal, this <u>8th</u> day of <u>Bnuary</u>, 200<u>3</u> Name: Notary Public My Commission expires: <u>31772223</u>

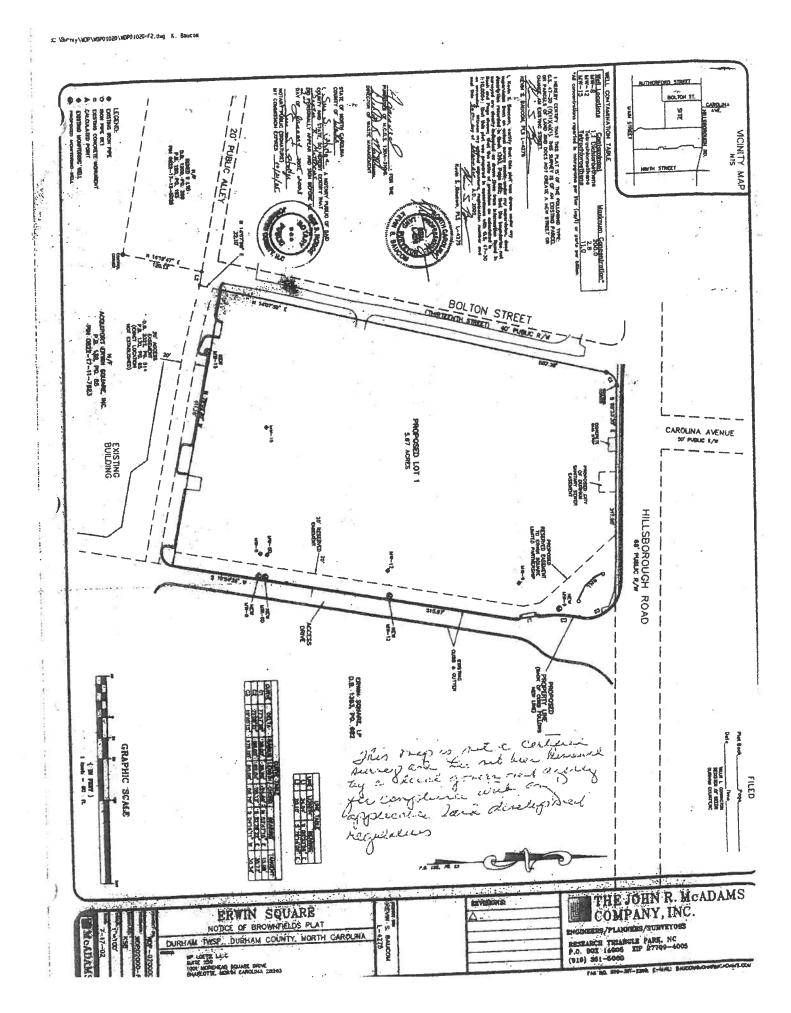
William Constant

Exhibit 1

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BEING that proposed parcel of land located in the City of Durham, Durham County, North Carolina and shown as "Proposed Lot 1" on a map entitled "Erwin Square - Notice of Brownfields Plat," prepared by The John R. McAdams Company, Inc., dated July 17, 2002 and to be recorded with the Durham County Register of Deeds simultaneously with the recording of the Notice of Brownfields Property, containing 5.67 acres, more or less, and being more particularly described as follows:

BEGINNING at a new iron pipe at the intersection of the eastern right of way line of Bolton Street (a 40 foot public right of way) and the southern right of way line of Hillsborough Road (a 68 foot public right of way); thence along said right of way line of Hillsborough Road South 88° 33' 30" East 317.95 feet to a point on the western edge of the Access Drive; thence leaving right of way of Hillsborough Road and following a new line, the said western edge of the Access Drive, along the arc of a curve to the right having a radius of 50.00 feet, an arc length of 62.04 feet and a chord of South 21° 26' 22" East 58.13 feet; thence along the arc of a curve to the left having a radius of 175.00 feet, an arc length of 60.08 feet and a chord of South 04° 16' 11" West 59.79 feet; thence South 10° 54' 25" West 515.97 feet; thence leaving the Access Drive and following a new line North 79° 02' 30" West 411.16 feet to a point on the eastern right of way line of the aforesaid Bolton Street; thence along the arc of a curve to the right of way line of Bolton Street North 14° 07' 59" East 587.26 feet; thence along the arc of a curve to the right having a radius of 20.00 feet, an arc length of 26.98 feet and a chord of North 52° 47' 15" East 24.98 feet to the Point of Beginning.



PHASE I ENVIRONMENTAL SITE ASSESSMENT

For the

ERWIN SQUARE WEST MAIN STREET DURHAM, DURHAM COUNTY, NORTH CAROLINA 27705

Prepared for

W.P. LOFTS, LLC 1001 MOREHEAD SQUARE DRIVE SUITE 250 CAHRLOTTE, NORTH CAROLINA 28203

THE PRUDENTIAL INSURANCE COMPANY OF AMERICA C/O LEWIS AND ROCA LLP 40 NORTH CENTRAL AVE. PHOENIX, ARIZONA 85004

AND

U.S. BANK COMMERCIAL REAL ESTATE 150 FOURTH AVENUE NORTH NASHVILLE, TENNESSEE 37219

Prepared by

Professional Service Industries, Inc. 5021 West W.T. Harris Blvd. Charlotte, North Carolina 28269 Telephone (704) 598-2234

PSI PROJECT NO. 511-2E027

January 3, 2003

 $\cdot = t_{i} + t_{i} + t_{i} + t_{i}$

JAN - 6 2003

Jason P. Riggs, PE

Department Manager

Steve Long, PE (FL) Senior Technical Professional

anel 1

on McDaniel, CPG (AIPG) Prudential Coordinator

1. EXECUTIVE SUMMARY

Professional Service Industries, Inc. (PSI) has completed a Phase I Environmental Site Assessment (ESA) Update of the Erwin Square site located at Durham, Durham County, North Carolina. The assessment was performed in general accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-00, to comply with the contract between PSI and Wood Partners dated August 15, 2002. Any exceptions to, or deletions from the ASTM E 1527-00 standard of practice are described in Section 2.4 of this report. In connection with the Phase I ESA, assessment of other environmental issues to evaluate business environmental risks that are beyond the scope of the ASTM E 1527-00 standard of practice was not conducted pursuant to the authorized scope of services.

The Erwin Square is approximately 6.0 acres improved with a partially graveled parking lot. The property was developed for its current use as a parking lot in 1989. The property was previously used as a former textile mill reservoir and single family housing. The vicinity of the property can generally be described as commercial. Current usage of adjoining property includes: Hillsborough Road and single family housing to the north, a four-story parking deck and the First Union Plaza to the south, an interior road and undeveloped grassed property to the east, and Bolton Street and single family housing to the west.

1.1 PHASE I ESA

In accordance with ASTM Standard E 1527-00, this Phase I Environmental Site Assessment included reconnaissance of the subject and adjoining properties, interviews, and review of historical records and regulatory databases in an effort to identify evidence of recognized environmental conditions that may impact the property. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, except for the following:

ON-SITE CONDITIONS

Recognized Environmental Conditions

Groundwater beneath the subject site has been impacted by a release of chlorinated solvents, specifically, 1,1-dichloroethene (1,1-DCE). A single source of this contamination has not been determined; however, the former Burlington Industries textile mill reportedly used such solvents as stain removers and cleaning products, with incidental spillage likely. No usage or storage of solvents on the subject property has been documented. Solvent impacts were noted around a waste oil tank and a waste oil pit, located the south of the subject property on the Burlington mill and may be the most likely source of the contaminants. A Comprehensive Site Assessment (CSA) and a Corrective Action Plan (CAP) were prepared by Law Engineering to address the groundwater plume. A maximum dissolved concentration of 37.7 micrograms per liter (µg/L) was noted beneath the subject

property in the groundwater, which exceeds the State target groundwater concentration of 7 μ g/L. Law recommended that natural attenuation with routine groundwater monitoring be implemented at the site. Law has subsequently performed several quarters of groundwater sampling. The levels of 1,1 DCE in the on site and off-site wells have fluctuated over the last 6 sampling events, with no clear trend toward reducing concentrations. The most recent sampling report, dated December 19, 2002 indicates that 1,1-DCE concentrations in on-site well MW-8 still exceed the State target groundwater concentration.

Review of prior assessments indicate wastewater at the former textile mill facility was disposed to an off-site sewage disposal lagoon, located approximately one block north of Hillsborough Road. Detectable levels of toluene, phenols, and select metals, were reported in one sediment sample collected from this lagoon in 1987. No VOCs were reported in the water sample collected from this lagoon in 1987. One settling pond is visible in historic Sanborns and current topographic maps to the northeast of the subject site, across Hillsborough Road. PSI cannot confirm whether this settling pond is the sewage disposal lagoon/holding pond, which was previously sampled. However, it is likely that subsurface lines ran across the subject site from the southern-adjacent textile facility to the nearby sewage lagoon. One ditch is visible in the 1913 Sanborn, which runs from the southern-adjacent facility to Hillsborough Road. The purpose of this ditch is not reported. As the floor drains reportedly emptied into the sewage disposal lagoon, and it has been documented that incidental spills and releases have likely occurred into the floor drains, these subsurface wastewater lines/ditch may have adversely impacted the subject site. Information regarding the current status of these lines is not reported. Review of prior assessments reveals limited environmental sampling of the soils of the Erwin Square subject property. Therefore, additional soil sampling, specifically on the western portion of the subject property, may be performed to assess for impact as a result of the wastewater subsurface lines/ditches, which likely historically crossed the subject property.

Historical Recognized Environmental Conditions

None

OFF-SITE CONDITIONS

Recognized Environmental Conditions

 See above discussion of on-site recognized environmental conditions regarding off-site sewage disposal lagoon and on-site integral piping.

Historical Recognized Environmental Conditions

None

1.2 **RECOMMENDATIONS**

 Based on investigation of the property for evidence of recognized environmental conditions and other environmental issues, PSI offers the following recommendations.

4. PROPERTY USAGE

4.1 CURRENT USES OF THE PROPERTY

Current use of the property as determined through observation, interviews and records review is described below.

The subject property is currently used as a gravel-covered parking lot.

The User should refer to Section 6 of this report for additional site reconnaissance details.

4.2 PAST USES OF THE PROPERTY

To the extent that indications of past uses of the property were identified through historical records review, reconnaissance observation, interviews, or through client provided information, they are identified below. A comprehensive review of the past uses can also be found in the Environmental Document Review, Erwin Square, which was completed by PSI.

Year(s)	Description of Past Property Use
1913-1989	The subject property appears to have previously been developed with a commercial warehouse/industrial building associated with the Burlington Domestics textile facility (from at least 1973 to 1988/89). No indication of the type of activities performed within this building is provided. Prior to the development of the warehouse/industrial building, the subject property was developed with a three million gallon-capacity water reservoir and residential dwellings (from at least 1913).
1990-2002	The subject property is undeveloped with the reservoir filled-in.

The Erwin Square subject property was previously developed with a three million-gallon capacity water reservoir. Based on the fire insurance maps reviewed by PSI, this reservoir appeared to contain water, which was utilized in conjunction with the textile mill's fire suppression system. Information regarding the type of fill material used to redevelop the site was not provided to PSI. However, no indication of adverse fill conditions, including soil staining, odors, and or the presence of construction/landfill debris was reported in the Geotechnical Report prepared by PSI. Therefore, in the absence of evidence, which would indicate a concern, no additional investigation with regard to the fill material is recommended at this time.

The historical information developed and reviewed for the subject property revealed evidence of recognized environmental conditions. Evidence of the recognized environmental conditions is summarized below along with the reasons for our opinion:

 According to North Carolina Department of Environment and Natural Resources (NCDENR), in late 1996 while performing a Phase I Environmental Site Assessment and a Limited Groundwater Assessment at the southern adjoining First Union Plaza, Law Environmental Services encountered groundwater and soil contamination. The soil contaminants were petroleum based and the groundwater contamination is mostly limited-to 1,1 dichloroethane. Subsequently, Law has prepared a Comprehensive Site Assessment (CSA) and also a Corrective Action Plan (CAP). During the CSA, Law discovered that the contamination extended on to the subject site but is limited to groundwater. The only contaminate found on the subject property is 1,1 dicloroethene at a concentration of 17 parts per billion, however, the source is not known. Law names eight potential release sources, which were associated with the former Burlington textile mill that included the subject site as well as the southern and eastern adjoining properties: two horizontal gasoline AST's, former machine shops, gasoline and varsol UST's, No. 5 and No. 2 fuel oil AST's, a waste oil pit, a waste oil UST, incidental spillage to former floor drains and sumps, and former areas of stained soils.

In December of 2000, the CAP written by Law was granted final approval by NCDENR. Law concluded in the CAP that natural attenuation and monitoring of that process is the most appropriate corrective action alternative for this site. Finally, NCDENR has opened a new incident file for this site dated December 20, 1999 and it is listed as groundwater incident # 20604 and was given a low priority ranking.

Law has subsequently performed several quarters of groundwater sampling. The levels of 1,1 DCE in the on site and off-site wells have fluctuated over the last 6 sampling events, with no clear trend toward reducing concentrations. The executive summary of the most recent sampling report for Year 2002, 2nd Semi-Annual Groundwater Monitoring Report dated December 19, 2002 was provided. Sampling preformed by MACTEC (formerly known as Law Engineering) on August 6 and 14, 2002 indicates that 1,1-DCE concentrations were not present in samples from wells MW-5, MW-6, MW-8D, MW-9, MW-10, and MW-13 which have historically been free of contaminants. Detectable levels of 1,1 DCE concentrations were found in wells MW-1, MW-1D, MW-2, MW-3, MW-4, MW-7, MW-8 that ranged from 2.5 to 240 $\mu\text{g/L}.$ The highest concentration was found in well MW-8 (240 μ g/L) and still exceeds the State target groundwater concentration of 7 µg/L. Groundwater samples from wells MW-11, 12, 14, 15 also exhibited detectable levels of 1,1 DCE but were below the NC standard. Based on the sample results, it appears that concentrations of 1,1 DCE have increased in six of the eleven monitoring wells since the previous monitoring period in January 2002. The exception to this was levels appeared to decrease slightly in wells MW-4, MW-11, MW-14, and MW-15. Chloroform was also detected in MW-1 and MW-2 above the NC standards and chloroform and carbon tetrachloride exceeded NC standards in well MW-11.

Based on the sampling results MACTEC concluded the shape of the 1,1 DCE plume has not generally changed since the previous sampling events. MACTEC further concluded that additional monitoring data would be required to establish the existence of increasing or decreasing contaminate concentrations and to define the effectiveness of natural attenuation of the plume. The next groundwater sampling is scheduled for January 2003. Based on this information, this incident is considered a recognized environmental condition in respect to the subject site. extended on to the subject site but is limited to groundwater. The only contaminate found on the subject property is 1,1 dicloroethane in concentration of 17 parts per billion, however, the source is not known. Law names eight potential release sources, which were associated with the former Burlington textile mill that included the subject site as well as the southern and eastern adjoining properties: two horizontal gasoline AST's, former machine shops, gasoline and varsol UST's, No. 5 and No. 2 fuel oil AST's, a waste oil pit, a waste oil UST, incidental spillage to former floor drains and sumps, and former areas of stained soils. In December of 2000, the CAP written by Law was granted final approval by NCDENR. Law concluded in the CAP that natural attenuation and monitoring of that process is the most appropriate corrective action alternative for this site. Finally, NCDENR has opened a new incident file for this site dated December 20, 1999 and it is listed as groundwater incident # 20604 and was given a low priority ranking. Based on this information, this incident is considered a recognized environmental condition in respect to the subject site.

5.3 ADJOINING PROPERTY DATABASE FINDINGS

Adjoining properties as defined in ASTM Standard E 1527-00 § 3.3.2 were identified through the Federal and state environmental records review as further discussed below.

	Former Burlington Industries West Main Street Durham, NC 27706	Map ID#: Distance Direction Distance (ft)	Subject Propertio		and	Adjoining
See discussion about						

See discussion above.

5.4 NON-ADJOINING PROPERTY DATABASE FINDINGS

Non-adjoining properties within the AMSD were identified through the Federal and state environmental records review as further discussed below.

Site Ligget & Myers Tobacco Co. Address 700 West Main St. Durham, NC	Map ID#: Distance Direction Distance (ft)	A1 .62 mile Southeast	
--	--	-----------------------------	--

This facility is identified as an SPL facility, due to a release of organics. Further information regarding the nature and extent of this release is not reported. However, based on the reported groundwater flow direction at the subject site to the north, and the separation distance, this facility has likely not impacted the subject property.

	Exxon – Durham 2508 Hillsborough Road Durham, NC	Distance (ft)	A1 1/8 – ¼ mile West and Northwest 743	
This facility is listed as a LUST due to the identification of petroleum impact during the removal of				

seven USTs. Gasoline and diesel fuels are the reported contaminants. Further information regarding the nature and extent of the release is not reported. However, based on physical setting information, and the documented groundwater flow direction at the subject site to the north, this facility has likely not adversely impacted the subject site.



YEAR 2002, 2nd SEMI-ANNUAL GROUNDWATER MONITORING REPORT FORMER BURLINGTON INDUSTRIES TEXTILE MILL DURHAM, NORTH CAROLINA

Coordinates:			
Latitude:	N 36 degrees, 0.499 minutes		
Longitude:	W 78 degrees, 55.544 minutes		

Issued: December 19, 2002

Site Priority Ranking: E

Prepared for:

Erwin Square Office Tower I Limited Partnership, 2200 West Main Street, Durham, North Carolina 27705

Responsible Party: Burlington Industries, Inc., P.O. Box 21207, Greensboro, NC 27420, Attention: Mike Garlick, P.E. (336) 379-2289

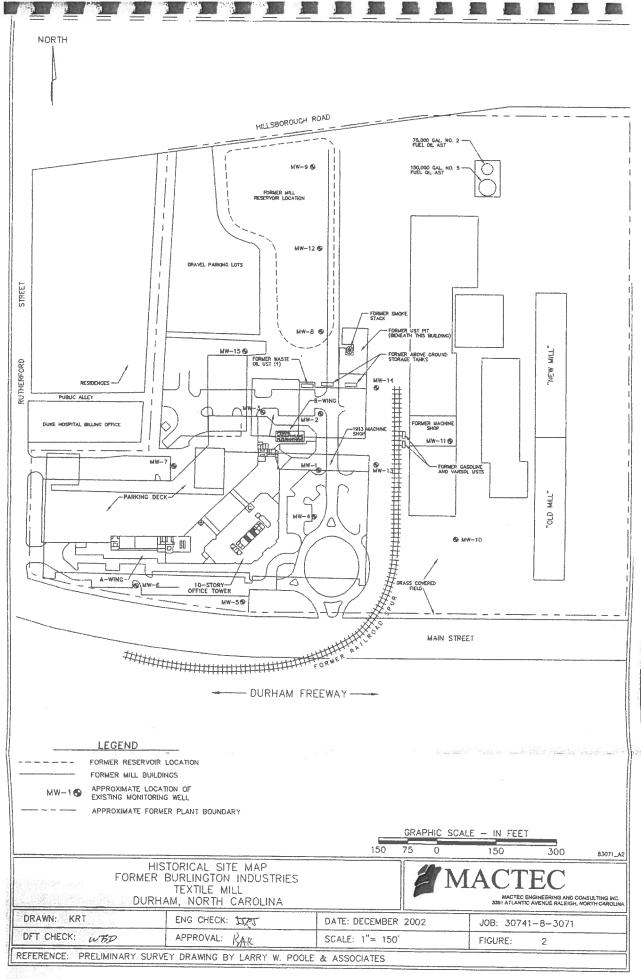
Property Owners: Erwin Square Office Tower I Limited Partnership, 2200 West Main Street, Durham, North Carolina 27705, Attention: Terry Sanford, Jr. (919) 286-3321

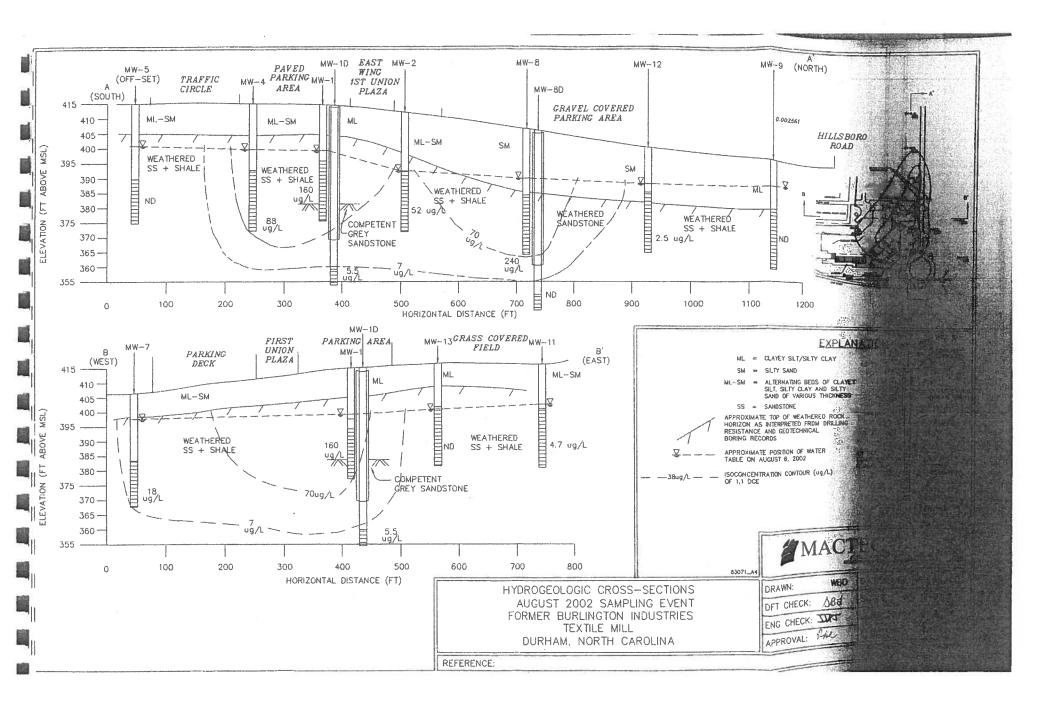
Aquiport Erwin Square, Inc. c/o Clarion Partners, 335 Madison Avenue, New York, New York 10017, Attention: Peter Petron (212) 883-2561

Release Information:

Groundwater Incident Number: 20604
Discovery Dates: January 1997
Estimated Quantity: Unknown.
Cause of Releases: UST release/incidental spillage of waste oil/parts cleaning agents

	Consultan	t:
N	IACTEC Engineering an	d Consulting, Inc.
Win & Durley	ACTEC Engineering an Raleigh, North Caro ORTH CARO(919) 876-0 CENSCOMENT SEAL	-Brian D. C.
William B. Deobald, LTF Senior Geologist	BRIAN DE WILL	Brian D. Armstrong, P.E Principal Engineer 0741-8-3071







NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WATER QUALITY

December 13, 2000

JANSE B. HUNT IR. Coverner

BILL HOLMAN

SECRETARY.

Mr. Mike Garlick Burlington Industries, Inc. Corporate Engineering Department P.O. Box 21207 Greensboro, North Carolina 27420

KERA T. SYEYONS DIRECTOR RE: Final Approval - Corrective Action Plan Former Burlington Industries Site/ First Union Plaza Durham, North Carolina Durham County Groundwater Incident No. 20604 Site Ranking - 30E

Dear Mr. Garlick;

On March 1, 2000 the Groundwater Section of the Raleigh Regional Office received your proposed Corrective Action Plan (CAP) for the abovereferenced site. As described in Title 15A North Carolina Administrative Code, Subchapter 2L, Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina (ISA NCAC 2L), 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 were 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(1) using natural attenuation processes.

The Division's decision is based on the information submitted in the proposed CAP and supporting documents. Based upon a review of the information submitted in the CAP and after considering any public comments and the Raleigh Regional Office recommendations, I am hereby granting final approval to implement the CAP contingent upon the following conditions:



LSI7 MAIL SERVILL CENTER, RALLICH, NORTH CARDLINA A7698-1817 WOSSTE: NOOTHINER: NO. PHENE B19-738-7018 FAX DIS-738-7018 An LOUAL OPPORTUNITY / Appingering Action English Both Statutes/Int. Partoneumen Raper SEHED/Montrose Leasing;

Mr. Mike Garlick

1. Section 4.4, "Monitoring and Reporting" of the CAP should be modified to include sampling and analysis of all of the existing monitoring wells in January, 2001; April, 2001; July, 2001; and October, 2001. Sampling should be conducted on a semi-annual basis, in January and July, for the second and third year of CAP implementation. The groundwater samples should be analyzed for the same parameters specified in the CAP. If the results of the sampling and analyses from the first three years of corrective action indicate a stable trend in groundwater contaminant concentrations, the Groundwater Section may allow the sampling and analysis frequency to be changed to annually upon written request by Burlington Industries. Sampling reports should be submitted no later than the last day of the following month after the sampling occurred - i.e., January sampling results will be due by the last day of February.

Upon receiving additional information, you may be required 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.

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 was granted by the Director. Notification is required by certified mail and must be made within 30 days of receipt of the Director's decision.

If you have any questions or require additional information, please call Mr. Rick Bolich or Mr. Jay Zimmerman in the Raleigh Regional Office at (919) 571-4700.

Sincerely,

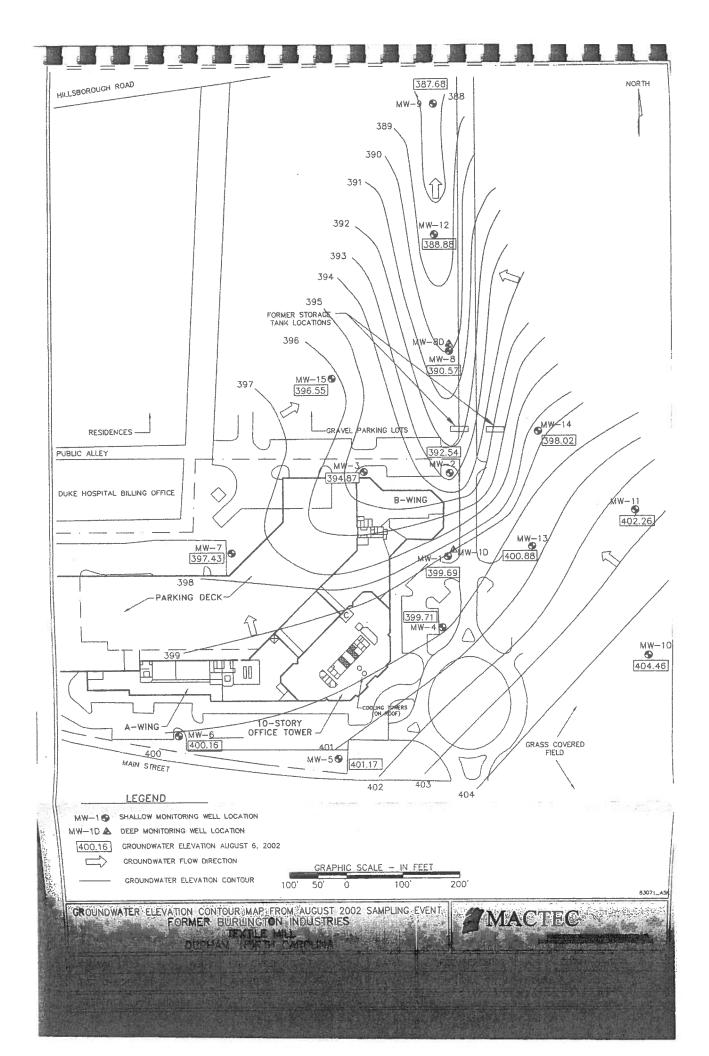
Kerr T. Stevens

cc:

Arthur Mouberry Jay Zimmerman

RRO Files Mr. Brian Bellis, L.G.; Law Engineering & Environmental Services, Inc.; 3301 Atlantic Ave.; Raleigh, NC 27604

Mr. Terry Sanford Jr.; SEHED Davelopment Corp.; 2200 West Main St; Durham, NC 27705



APPENDIX IV INTERVIEW DOCUMENTATION



USER QUESTIONNAIRE

(Reference S&ME, Inc. Proposal No. P186-10V, dated September 14, 2010)

In order to qualify for *Landowner Liability Protections (LLPs*), ASTM E1527-05 specifies that the ESA User must provide the following information, if available, to the Environmental Professional. Failure to provide this information could make the Phase I ESA incomplete and the User unable to qualify for *LLPs*.

- Are you aware of any environmental clean-up liens against the property that are filed or recorded under federal, tribal, state or local laws?
- 2. Are you aware of any Activity and Use Limitations (AUL's) 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, state or local laws? NO
- 3. As the User of this ESA, do you have any specialized knowledge or experience related to the subject property or nearby properties?
- 4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If not, is the lower purchase price attributable to known or suspected contamination?
- 5. Are you aware of information about the property that would be helpful in identifying conditions indicative of contaminant releases, such as: a) past use of the property; b) presence of specific chemicals (past or present); c) spills or chemical releases at the property; or d) environmental cleanups that have taken place at the property?
- 6. As the User of this Phase I ESA and based on your knowledge and experience of the property, are there any obvious indicators that point to the presence or likely presence of contamination on the property?

In addition, certain other information should be provided, although not necessarily to qualify for *LLPs*, including: contact information for past and current property owners, operators and occupants; the reason for performing this ESA; and documentation showing the property address, location and boundaries.

Boundaries. Balting BRIAN NATWICK	SR. DEN. MAN.
Print Name/Title	
Vallen	10/5/2010
Signature	Date

PHASE I ENVIRONMENTAL SITE ASSESSMENT USER-FURNISHED INFORMATION

....

SITE ADDRESS: 5.5-Acre Site, 2109 Hillsborough Road, Durham, NC

The following is a list of documents and information that could be useful to S&ME, Inc. in preparing your Phase I Environmental Site Assessment (ESA). Please check the appropriate boxes below, sign, and fax or mail this form along with the signed Agreement for Services and completed client/landowner Questionnaire. We will contact you regarding review of any available materials. This form will be attached to, and made a part of, your completed Phase I ESA.

Yes	No	
	V1.	Environmental site assessment reports
	2	Environmental audit reports
	V 3.	Environmental permits (i.e. solid waste disposal permits, hazardous waste
		disposal permits, wastewater permits, NPDES permits)
	14.	Registrations for underground and above-ground storage tanks
	45.	
	16	Community right-to-know plan
	47.	Safety plans; preparedness and prevention plans; spill prevention, counter-
I	_/	measure and control plans, etc.
	48.	Reports regarding hydrologic conditions on the property or surrounding area
	49.	Reports of any past or current environmental remediation on-site or on adjoining
	-/10	properties). Notices or other correspondence from any government agency relating to
		past or existing environmental liens encumbering the property
		. Hazardous waste generator notices or reports
1	the second se	2. Geotechnical studies
	and the second s	Report of earthwork or land filling activities on-site
	14	I. Information concerning any pending, threatened, or past litigation or
		administrative proceedings relevant to hazardous substances or petroleum
,		products
	15	5. Notices from any governmental entity regarding any possible violation of
		environmental laws or possible liability relating to hazardous substances
	r.	or petroleum products
		5. Disclosure of sumps, pits, drainage systems (i.e. the existence of and location)
		 Building plans (architectural, utility, structural) Description of current site operations, including layout drawings or sketches
		 Description of current site operations, monoring rayour individual of successory Title report/chain-of-title
		1. Tax assessor records (provious owner and occupants)
		2. Purchase price analysis (if lower than comparables)
		3. Current and historical photographs of the site
		4. Current and historical topographic maps of the site
h		Contraction of the second

I have reviewed the above list and checked the "Yes" box for those items that would be available to S&ME for review and/or copy.

PERM NATURE	SR. DEL. MAN.
Print Name/Title AAA	12/010
Signature	Date IOS/2010



August 26, 2011

Via Fascimile

Durham City Fire Marshall 2422 Broad Street Durham, NC 27704 fax (919) 560-0670

Reference: Request for Information Erwin Square (5.5-acre parcel) Durham, North Carolina 27705 Tax PIN No. 0822-18-22-3162

Mr. James Thomas:

We are preparing a Phase I Environmental Site Assessment for the above-mentioned property. In preparation of this report, one of the items of information we gather is in regards to records of hazardous materials or fire responses to the subject property.

We are therefore requesting any information your office may have relating to responses to a hazardous materials release or fire response, etc. on the following properties:

2109 Hillsborough Road PIN No. 0822-18-22-3162

You may direct your response to Thomas Perez, our company address and FAX number is listed below, e-mail is: <u>tperez@smeinc.com</u>.

Thank you for your assistance in this matter.

S&ME, Inc. hows Rle

Thomas Perez Environmental Technician



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)	
	RECORD OF		BRANCH LOCATION: Raleigh		
ENVIRONMENTAL SERVICES	TELEPHONE CAL	.L.	REFERENCE/JOB NO 1054-10-288		
ENGINEERING TESTING					
DATE: 10/1/2010	TELE. NO: 801-7865	START:	4:28 PM FINISH:	4:30 PM	
		CALL FROM	John Walch, NCDENR - IH		
CALL TO: Jo Martin		CALL FROM		150	
FIRM:		FIRM:			
S&ME, INC.	CONVERSATION		OTHER PARTY		
Jo Martin had left a message with the	he IHSB		Mr. John Walch returned the call.		
for Charlotte Jesnick regarding the	former		He stated that the Incident had been placed in	nto the	
Burlington Industries Incident No. 2	0604		IHSB in 2007, when it began. He stated that	t	
Ms. Martin wanted to know what ye	ar the		the incident was part of the former First Union	1 Bank	
Incident had been placed into the II			assessment.		
if any recent assessments had been					
				· · · · · · · · · · · · · · · · · · ·	
	MARKS / ACTION / TO DO				
DONE 1.					
DONE 2.					
		· · · · ·			
DONE 3.					
PREPARED	BY: I7	COPIES TO:	FILE IN: CORRES	PONDENCE	
PAGE1_ OF _1 Jo N	Martin	·	OTHER:		
1					

SXMF	RECORD OF		BRANCH LOCATION:	Raleigh	
ENVIRONMENTAL SERVICES ENGINEERING TESTING	TELEPHONE (CALL	REFERENCE/JOB NO.	1054-10-288	
DATE: 9/29/2010	TELE. NO: (919) 733	-1331 START:	10:03	FINISH: 10:08	
CALL TO: Jo Martin			I: Mark Peterman		
FIRM: S&ME		FIRM:	NCDENR - UST Section	on	
S&ME, INC.	CONVERSATI	ION	OTHER PART	· · · · · · · · · · · · · · · · · · ·	
			0	•	
Jo Martin had left a phone mess	age for		Mark Peterman phoned I	back to provide information	
Mark Peterman asking about two	o sites listed		about the sites.		
on the EDR report which have b	een transferred				
to the LEAD Program:			Ninth Street Bakery is o		
Ninth Street Bakery, Incident	No. 16846		the tanks have been rem	oved, the area is on public water,	
Regulator Book Shop, Inciden	t No. 15077		the RRA = low, L-125D		
			Pogulator Book Shop is	s closed as of 1-25-2008 as listed	
				k read what he found on his DUST	
				e same as what was listed on	
			the EDR.	le same as what was listed on	
			Ine EDR.		
Jo Martin had also left a voice m	ail message		Mark also said that Linda	a may have additional information	
for Linda Blaiock who had been			if she calls back.		
Regulator Book Shop.					
			· · · · · · · · · · · · · · · · · · ·		
 _	REMARKS / ACTION / TO	DO			
DONE 1			*****		
DONE 2.					
DONE 3	•• ··· ·				
PREPARE	D BY:	COPIES TO:		FILE IN: CORRESPONDENCE	
PAGE _1_ OF _1_ Jo Martin		File / Report	(DTHER:	

S&ME	RECORD OF		BRANCH LOCATION:	Raleigh	_
ENVIRONMENTAL SERVICES ENGINEERING TESTING	TELEPHONE CA	LL	REFERENCE/JOB NO.	1054-10-288	
DATE: 10/5/2010	TELE. NO: (919)733-1314	4 START:	9:44	FINISH: 9:44	8
CALL TO: Jo Martin			Linda Blalock		
FIRM: S&ME		FIRM:	NCDENR - UST Secti	on	
S&ME, INC.	CONVERSATION		OTHER PART	Y	
Jo Martin had left a phone messag	ie for		Linda Blalock phoned ba	ck to provide information	
Linda Blalock asking about two site			about the sites.		
on the EDR report which have bee	en transferred				
to the LEAD Program:		a**	Ninth Street Bakery is o		
Ninth Street Bakery, Incident No			with a Notice of Residua	I Petroleum	
Regulator Book Shop, Incident	No. 15077				
			Regulator Book Shop wa	as addressed by Mark Peterman	
					41 1
			· · · · · · · · · · · · · · · · · · ·		
RE	MARKS / ACTION / TO DO				
DONE 1					
DONE 2					
DONE 3				· · · · · · · · · · · · · · · · · · ·	
PREPARED	BY:	COPIES TO:	The second se	FILE IN: CORRESPONDENCE	
PAGE 1_OF 1_ Jo Martin		File / Report		OTHER:	

APPENDIX V PHOTOGRAPH LOG



View of the small existing parking area located on the southwest corner of the property as seen facing northeast.



3 View facing north, of western perimeter of the subject site. Gravel parking lot not in use.



View of the small existing parking area located on the southwest corner of the property as seen facing southeast



View facing east, of approximate southern perimeter of subject site.



6.0-Acre Erwin Square – Phase I ESA Durham, North Carolina

S&ME Project No. 10	54-10-288-B (rev.)
Taken by: TRP	Date Taken: 9/20/2011

2



View facing north or eastern boundary of the subject site. 5 Adjacent area to the east is the Duke University Student Housing Apartments.



Small patches of concrete foundation remain in the southwest area of the site.



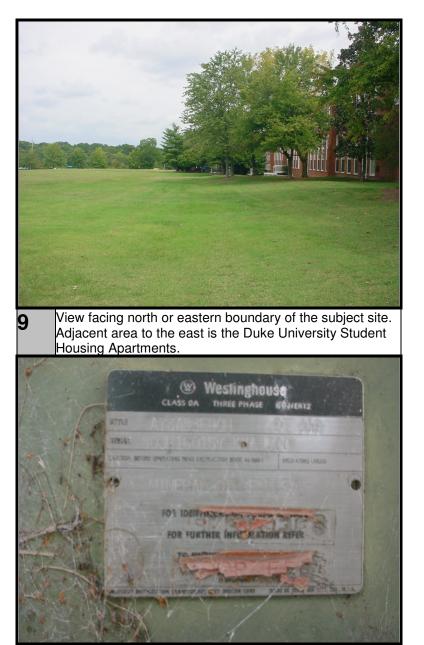
Two transformers were observed east of the subject site, behind the Duke University Student Housing. This one was labeled as "Mineral Oil Filled".



View of site facing north, taken in center of southern boundary.



S&ME Project No. 1054-10-288-B (rev.)			
Taken by: TRP	Date Taken: 9/20/2011		



Close-up of sign on transformer, "Mineral Oil Filled" 11



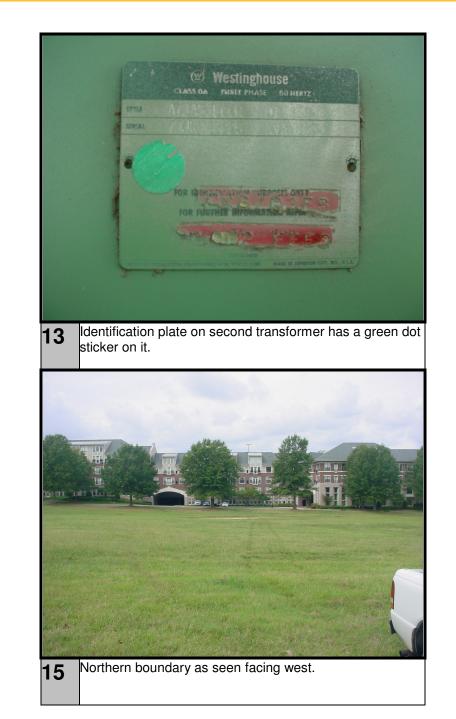
Two transformers were observed east of the subject site, 10 behind the Duke University Student Housing. This one was labeled as "Mineral Oil Filled".



Second transformer located behind Duke University 12 Student Housing.



Taken by: TRP	





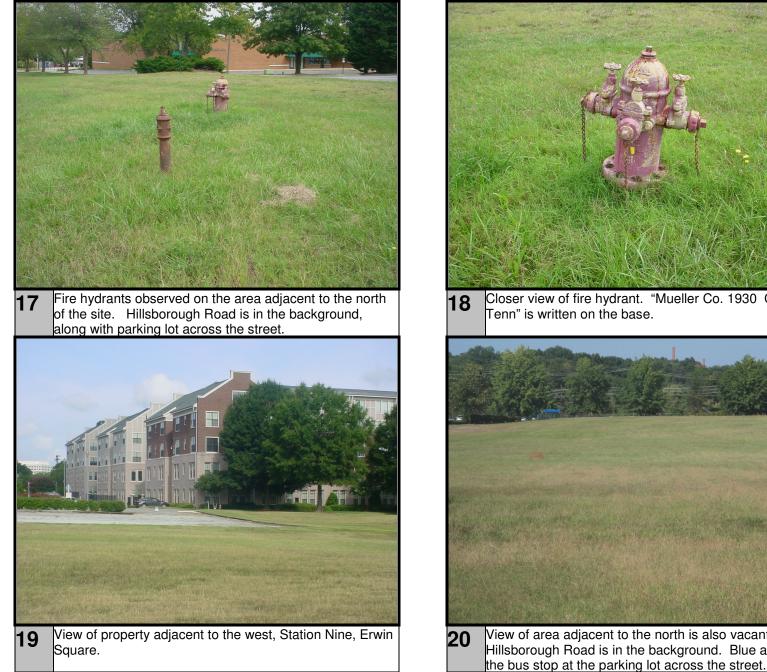
14 Dumpsters for Duke University Student Housing located just east of the site.



16 Northern boundary, as seen facing east, is approximately in line with edge of the building for Student Housing.



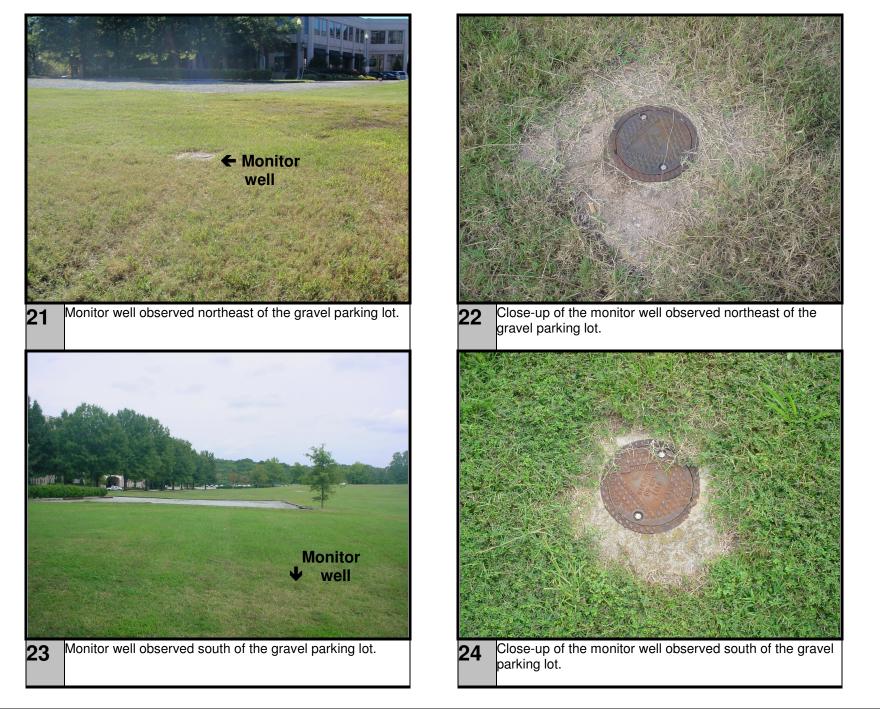
S&ME Project No. 1054-10-288-B (rev.)		
Taken by: TRP	Date Taken: 9/20/2011	





S&ME

T 1 1	TOO	
Taken by:		





6.0-Acre Erwin Square – Phase I ESA Durham, North Carolina

Taken by: TRP

APPENDIX VI

CONTRACT BETWEEN USER AND S&ME

2



September 21, 2011

Crescent Erwin Venture I, LLC c/o Crescent Resources 227 West Trade Street Suite 1000 Charlotte, NC 28202

Attention:	Mr. Brian J. Nicholson	email: <u>btnicholson@crescent-resources.com</u>
	Development Manager	

Reference:Change Order Proposal for Additional Brownfield Consulting
Services
5.5-Acre Erwin Square/Former Burlington Industries Site
2109 Hillsborough Road
Durham, North Carolina
S&ME Proposal No. P186-10V (CO-04)
S&ME Project No. 1054-10-288

Dear Mr. Nicholson:

S&ME, Inc. (S&ME) appreciates the opportunity to continue providing environmental consulting services for Crescent Resources related to the Circle at Ninth Street project. As requested, we are providing this change order proposal to provide additional Brownfield Consulting Services for the 5.5-Acre Erwin Square/Former Burlington Industries Site located at 2109 Hillsborough Road in Durham (Durham County), North Carolina. This proposal outlines our understanding of the project, the proposed scope of services, our fee, and a schedule for completing the proposed scope of services. Our Change to Agreement for Services (S&ME Form CA-071) is attached and is incorporated as a part of this proposal. The terms and conditions authorized for the original scope of services (S&ME Proposal No. P186-10V, dated September 14, 2010) for this site also apply to these proposed services.

UNDERSTANDING OF PROJECT

S&ME has previously performed two Phase I Environmental Site Assessments (S&ME Project No. 1054-10-288, dated October 7, 2010 and S&ME Project No. 1054-10-288B, dated September 12, 2011), and also performed a Brownfields Assessment and Receptor Survey dated July 18, 2011 (S&ME Project No. 1054-10-288A). The parent property for the subject site is an approximate 14.272-acre tract that extends from Hillsborough Road to the north and West Main Street to the south.

Based on emails between you, Mr. Will Chapman of Crescent Resources and Mr. Chris Hamblet of S&ME on September 16th, 2011, we understand that the proposed Circle at Ninth Street project will be proceeding into the construction phase soon, and you have requested that S&ME develop a Soil Management Plan to be used for site grading and excavation during construction. You also indicated that an area has been added to the subject property that extends from the southeast portion of the site southward to Main Street, and requested that the Phase I ESA Report be revised to include this area. You indicated that additional services, including groundwater sampling, a soil vapor assessment and/or soil vapor barrier engineering design services, may be necessary in the future, but are not requested at this time.

PROPOSED SCOPE OF SERVICES

Task 1 Brownfields Consultation and Support Services

Subsequent to the submittal of our initial Phase I ESA report and our Limited Brownfields Assessment and Receptor Survey report, S&ME has been providing ongoing consultation and support services associated with the development of the Brownfields agreement and associated plat. Fees for these services have been billed in accordance with the previously established fee schedule included in S&ME's initial proposal. S&ME is requesting additional fees for our consultation services on an as-needed basis.

Task 2 Revised Phase I ESA Report

S&ME recently completed a new Phase I ESA report for the subject property, dated September 12, 2011. On Friday, September 16, 2011, you indicated that the footprint of the subject property has been revised to include a rectangular area that extends from the southeast portion of the site southward to Main Street. As authorized by you in an email dated September 19, 2011, we have initiated revising our report to include the additional area on a time and materials basis. We will perform the Phase I ESA tasks described in S&ME Proposal No. P186-10V (CO-03), dated August 26, 2011, for the additional area and revise our report accordingly.

Task 3 Soil Management Plan

You have requested that S&ME develop a Soil Management Plan based on our previous reports to be used during site grading and excavation activities during construction. The soil management plan will describe proper handling procedures for contaminated or potentially contaminated soil. In general the Soil Management Plan will describe the requirements for the contractor to properly stockpile the soil on-site, and provide sampling protocols for S&ME to sample the soil for disposal characterization. Non-contaminated soil may be reused on site and contaminated soil will need to be properly disposed of off-site.

This proposal is <u>only</u> for developing the Soil Management Plan, and does not include additional time for S&ME to be on-site during construction activities, for soil characterization

sampling or costs for laboratory analysis. After the Soil Management Plan has been completed and approved, we can develop a change order and cost estimate for these services based on the Plan and the proposed construction schedule.

FEES

S&ME proposes to perform the proposed scope of services on a time and materials basis in accordance with the attached Fee Schedule. Based on the scope of services described above, we recommend an additional **budget of \$9,000**.

Task 1 Brownfields Consultation and Support Services	\$3,000.00
Task 2 Revised Phase I ESA Report	\$2,000.00
Task 3 Soil Management Plan	\$4,000.00
Total Estimated Additional Fees →	\$9,000.00

Please note that our total fee is dependent on many factors, and may be significantly influenced by the actual project schedule or unidentified subsurface conditions at the site. If the actual project schedule and our number of trips to the site varies from that assumed, the total fee for our services will also vary.

AUTHORIZATION

This proposal is being provided to you in duplicate. We trust you will find our scope of services and fees acceptable. If so, please indicate your acceptance of this proposal by signing below and return one signed copy to our office to serve as formal authorization to proceed. The terms and conditions authorized for the original scope of services for this site (S&ME Proposal No. P186-10V, dated September 14, 2010) also apply to these proposed services, and are incorporated as part of this change order.

This proposal is solely intended for the Scope of Services described herein. The Scope of Services may not be modified or amended, unless the changes are first agreed to by the client and S&ME. Use of this proposal and resulting documents, including final report, is limited to the above referenced project and client. No other use is authorized by S&ME.

CLOSURE

We appreciate the opportunity to provide additional environmental consulting services to Crescent Resources. Should you have any questions regarding this proposal, please call me at (919) 872-2660.

Sincerely,

S&ME, Inc.

Chis Hamblet

Chris Hamblet, CHMM **Environmental Scientist**

(milligue

Tom Raymond, P.E., RSM **Environmental Services Manager**

Attachments: 2011 S&ME Environmental Fee Schedule

Authorization: Change Order for Additional Brownfield Consulting Services -**Erwin Square/Former Burlington Industries Site** Change Order No. 4 - S&ME Project No. 1054-10-288:

Authorized By: _____

Title: _____ Date: _____

S:\PROPOSALS\2010\Environ\P186D-10V Erwin Square Soil Management Plan\P186D-10V Erwin Square Soil Management Plan

S&ME, INC. Environmental Services – Raleigh, NC 2011 Fee Schedule



PROFESSIONAL SERVICES

Principal Consultant (Level VI), per hour\$1	50.00
Senior Consultant (Level V), per hour\$1	35.00
Project Professional-Project Manager, Registered Engineer or Hydrogeologist, Industrial Hygienist or Scientist (Level IV), per hour\$1	15.00
Project Professional-Engineer, Hydrogeologist, Industrial Hygienist or Scientist (Level III), per hour\$	95.00
Staff II Professional-Engineer, Hydrogeologist Industrial Hygienist or Scientist (Level II), per hour\$	85.00
Staff I Professional-Engineer, Hydrogeologist Industrial Hygienist or Scientist (Level I), per hour\$	75.00
Senior Environmental or Industrial Hygienist Technician III, per hour\$	65.00
Senior Environmental or Industrial Hygienist Technician II, per hour\$	60.00
Environmental Technician I or Technical Assistant, per hour\$	55.00
CAD Operator, per hour\$	60.00
Secretarial Services, per hour\$	43.00
Travel by Vehicle, per mile\$	0.55
Travel ExpensesCo	ost + 15%
Supplies and Materials*Co	ost + 15%
Report and Document Copies*Su +	pplies \$0.15/page
Drawing Reproduction, "C" size or larger, per square foot*\$	0.75
Mail and Special Handling of Reports*Co	ost + 15%
Subcontract and Specialty ServicesCo	ost + 15%

* plus clerical labor

S&ME, INC. Environmental Services – Raleigh, NC 2011 Fee Schedule



ENVIRONMENTAL EQUIPMENT

Toxic Vapor Analyzer, per day	\$155.00
Organic Vapor Analyzer, or HNu Meter, per day	\$125.00
Explosimeter/ Oxygen Meter, per day	\$ 65.00
pH Meter per day	\$ 40.00
Innov-X XRF Spectrum Analyzer (metals-in-soil), per day	
Conductivity Meter, per day	
Dissolved Oxygen Meter, per day	
Turbidity Meter, per day	
Temperature Meter, per day	
Electric Water Level Probe, per day	\$ 25.00
Oil/Water Interface Probe, per day	\$ 50.00
Distance Wheel, per day	
GPS Unit, per day	
Survey Level and Rod, per day	\$ 40.00
Flow-thru Cell and Meter, per day	\$140.00
Peristaltic Pump & Controls, per day	\$ 40.00
-per week	\$135.00
Whaler Submersible Pump, per day	
Polyethylene Disposable Bailer & Rope, each	\$ 20.00
Groundwater/Surface Water Consumables, per day	\$ 20.00
Hand Auger, per day	
Soil Sampling Consumables, per day	\$ 10.00
Tyvek Coveralls, each	\$ 10.00
Transducer with Datalogger, per day	\$100.00
- per week	\$350.00
In-Situ Slug Test Equipment, per day	\$ 15.00
Groundwater Flowmeter, per day	\$ 50.00
Explosimeter, per day	\$ 65.00
Computer - Field Laptop, per day	
Vehicle On-Site, Standard, per day	\$ 65.00
Pneumatic Pump & Controls, per day	
Submersible Pump & Controls, per day	\$100.00
Rediflow Pump & Controller, per day	\$100.00
Digital Camera, per day	
Wells Cargo Trailer, per day	
Schonstedt Metal Detector, per day	
Miscellaneous Equipment, Tools & Supplies	
· · ·	

HEALTH & SAFETY, PERSONAL PROTECTIVE EQUIPMENT (PPE)

 S&ME, INC. Environmental Services – Raleigh, NC 2011 Fee Schedule



INDUSTRIAL HYGIENE AIR MONITORING SERVICES

Air Monitoring Technician for asbestos abatement monitoring Quoted per project

INDUSTRIAL HYGIENE LABORATORY TESTING

Analysis of Bulk Samples by Polarized Light Microscopy Coupled with Dispersion Staining Techniques, per sample (5 day turnaround)	0.00
Analysis of Bulk Samples by Polarized Light Microscopy Coupled with Dispersion Staining Techniques, per sample (24-hour turnaround)	24.00
Analysis of air Sample by Phase Contrast Microscopy (P&CAM 239 or NIOSH 7400 Method), per sample (2-day turnaround)	8.00
Analysis of air or bulk samples by Transmission Electron Microscopy (NIOSH 7402, AHERA, or EPA Level II Method), per sampleCos	st + 15%

INDUSTRIAL HYGIENE EQUIPMENT / ASBESTOS EQUIPMENT

Air Sampling Pump, per day	.\$	30.00
Precision Sound Level Meter, per day	.\$	80.00
Velometer, per day	.\$	40.00
Personal Sampling Pumps, per day	.\$	35.00
High Volume Sampling Pumps, per day	.\$	35.00
Andersen Cascade Impactors, 2-Stage, with pumps, per day	.\$	50.00
Innov-X XRF Spectrum Analyzer (Lead-in-Paint), per day	.\$1	75.00
Indoor Air Quality Multimeter (CO, CO ₂ , temperature, relative humidity)	.\$1	55.00
Moisture Meter, per day	.\$	25.00
Temperature/Humidity Meter, per day	.\$	10.00
Consumables (disposable gloves, sampling supplies), per day	.\$	15.00



CHANGE TO AGREEMENT FOR SERVICES

Form CA-071

Date: Septemb	er 21, 2011	Job Number: 1054-10-28	8	Change Number: CO-4
S&ME, Inc. (hereafter Const		L		rescent Erwin Venture I, LLC
	1 Spring Forest Ro	bad		t Trade Street, Suite 1000
City: Ral	aiab		City: Charlotte	
	eigh	- 07040	- Chanouo	
State: North Ca		p: 27616	State: North Carolina	Zip: 28202
Telephone: 919	-872-2600		Telephone:	
Fax:			Fax:	
		PRO		
Project Name: ⁵	5.5 acre Erwin Squ	are - Additional Consulting S	Services	
Project location:	(Street Address)	2109 Hillsborough Street		
City: Durham		State: North	Carolina Zip:	
		AGREEMENT F	OR SERVICES	
Date of Agreeme	ent For Services be	tween Client and Consultan	it: September 14, 2010	
WHEREAS, Clie services on the a		have previously entered into	o an Agreement For Se	rvices on the date indicated, to perform
WHEREAS, during the performance of the services, Client and Consul tant have agreed that it is necessary to change the Agreement between Consultant and Client.				eed that it is necessary to change the
NOW THEREFORE, in consi deration of Consultant's promise to perform the services and Client's promise to pay for the services, Consultant and Client ag ree to incorporate the "Change To Agreement For Services" indicated below into Agreement For Services.				
CHANGE TO AGREEMENT FOR SERVICES				
The above identi	fied Agreement Fo	r Services is changed pursu	ant to proposal numbe	r: P186-10V dated:9/14/2010
This Change will extend the time required for completion of the Agreement:				
The total agreem	ient amount after t	his Change to Agreement Fo	or Services: +\$9,000.0	0
CLIENT'S SIGNATURE BELOW IS CLIENT'S ACCEPTANCE OF THIS CHANGE TO AGREEMENT FOR SERVICES AND AUTHORIZATION TO CONSULTANT TO PROCEED IMMEDIATELY WITH THIS CHANGE TO THE AGREEMENT FOR SERVICES.				
-	•	s and Consultant's authoriz	ed representatives.	
CLIENT:	Crescent Erwin Ve	nture I, LLC	S&ME, Inc.	
BY:			BY:	
άπ	(St	gnature)		(Signature)
-	(Print N	lame / Title)		(Print Name / Title)
DATE:			DATE:	
	<u>Client's F/</u>	XED or DIGITAL signatur	e to be treated as orig	inal signature

APPENDIX VII

RESUMES OF ENVIRONMENTAL PROFESSIONALS





Project Role Senior Project Manager

Company S&ME, Inc.-Raleigh, NC

Education

BS, Civil Engineering, 1980, NC State University MS, Civil Engineering, 1982, NC State University

Years of Experience

Joined S&ME in 1983 with 1 year of previous experience

Professional Registrations PE, NC, 1987, #14155

Professional Memberships

American Society of Civil Engineers (Associate Member), National Society of Professional Engineers Of NC (Associate Member),

ABNER F. RIGGS, JR., PE SENIOR GEOTECHNICAL ENGINEER

Mr. Riggs works for S&ME's Raleigh Office as a chief engineer. He is skilled in the following disciplines: Project management; Proposal cost estimates; Field supervision of site characterization projects; Roadways and bridges involving specialized in-situ testing; Foundation design and analysis; Deep and shallow foundation systems; Design and construction of detention basins and drainage systems for wastewater treatment/storage lagoons; Geotechnical analysis/design of earth retaining structures and natural slopes including reinforced fill slopes; Design of temporary retaining structures; Modeling of shallow groundwater with respect to drainage systems; Subsurface explorations; Vibration monitoring; Installation of groundwater monitoring wells; Investigation and repair design of flexible and rigid pavements.

KEY PROJECTS AND ASSIGNMENTS

Quigless Clinic Hospital & Bridge for NCDOT (2010)

Edgecombe, NC

Senior Geotechnical Engineer on project that involved pre- and postconstruction condition assessment of the Quigless Building and vibration monitoring during construction of a bridge located in Tarboro, NC.

Oak Island Reclaimed Water Distribution System for Town of Caswell Beach, NC (2010)

Caswell Beach, NC

Project Manager responsible for overseeing vibration studies for the vacuum pump station. Vibration monitors were placed at the exterior NE corner of 655 Caswell Board Road and at the canal wall of the reclaimed water distribution center. (*S&ME # 1053-10-068*)

Bridge 256 and 257 over Norfolk Southern Rail Road on US 52 *Winston Salem, NC*

Project Manager responsible for performing a subsurface investigation for the replacement of the existing dual bridge structures. The purpose of this exploration was to obtain subsurface information at the proposed bridge bent locations to design foundations for the proposed bridge.

Garden East-West Connector; Interstate 485 West to End of K1A Alignment (2010)

Gaston/Mecklenburg County, North Carolina

S&ME services were performed to assist in completion of the Garden East-West Connector which is part of the North Carolina Turnpike. Project Manager/Geotechnical Engineer responsible for management, coordination and review of various bridge and roadway reports. The services performed included subsurface investigation, laboratory testing and inventory reports.



Monroe Bypass and Connector; US 601 to Interstate 485; Part of North Carolina Turnpike Project (2010)

Union/Mecklenburg County, North Carolina

Project Manager/Geotechnical Engineer responsible for management, coordination and review of various bridge and roadway reports. The services performed included subsurface investigation, laboratory testing and inventory reports.

Headquarters Building for Licensing Board for General Contractors (2009)

Raleigh, NC

Project Manager responsible for overseeing vibration monitoring for the new headquarters building for the Licensing Board for General Contractors. (*S&ME #1053-08-272-CO-1*)

Pavement Investigation & Recommendations for the Great Ridge Parkway

Chatham County, North Carolina

Chief Geotechnical Engineer for a project investigation and analysis of the Great Ridge Parkway in the Briar Chapel Development. S&ME completed an authorized detailed asphalt pavement recommendation for this project along with pavement design recommendations and laboratory test data sheets.

Asphalt Pavement Recommendations Northern Durham Parkway

Durham, North Carolina

Chief Geotechnical Engineer for a project investigation and analysis of the Northern Durham Parkway along the entrance to Brightleaf Subdivision. S&ME provided a report providing asphalt pavement recommendations.

Asphalt Pavement Subgrade Evaluation Trenton Road Subdivision – Taylor Hall Place

Durham, North Carolina

S&ME performed an evaluation subgrade of a section of existing pavement along Taylor Hall Place at the Trenton Road Subdivision. S&ME determined the existing asphalt and CABC stone thickness, evaluated the condition of subgrade soils and provided recommendations for subgrade and pavement repairs.

Pavement Investigation

Pitt County, North Carolina

Chief Geotechnical Engineer for a project investigation and analysis of 2.2 miles asphalt highway to determine appropriate base, strength and design characteristics of new asphalt. S&ME's fees were \$5,400 for the \$19,700 project.

Asphalt Pavement Evaluation City of Raleigh Operations Center Raleigh, North Carolina



Chief Geotechnical Engineer for an asphalt investigation and analysis of the pavement thickness, determining CABC stone thickness, evaluating the condition of subgrade soils. S&ME provided recommendations for subgrade and pavement repairs.

N.C. Highway 147 (Triangle Parkway) Toll Road Vibration and Sound Monitoring Study (2007-2008)

Durham, North Carolina

Project Manager responsible for overseeing vibration and sound background condition study at Sensitive Research and Development facilities along the proposed Triangle Parkway. Study included close interaction with facility research scientists to evaluate potential concerns with respect to vibration and noise tolerance levels at sensitive facility locations during construction of the proposed parkway. S&ME # 1051-07-378)

Oregon Inlet Bridge (2003)

Dare County, North Carolina

Project Manager reviewing and providing subsurface and geologic inventory report with preliminary foundation recommendations for 17-mile long replacement bridge project for the Herbert C. Bonner bridge over Oregon Inlet. Responsibilities included proposal preparation, contract negotiations, scheduling field work, field work and report preparation in accordance with NCDOT standards and guidelines. Preliminary foundation requirements varied from piles to drilled piers. (*Project# 1051-03-123*)

Mason Farm Road Wastewater Treatment Plant (2003)

Chapel Hill, North Carolina Geotechnical Engineer providing subsurface evaluation for expansion to sewer facilities improvements for OWASA Project totaled \$4 million. (*Project #1051-03-080*)

Sampson County Jail (2003)

Clinton, North Carolina Geotechnical Engineer providing foundation recommendations for new jail complex. Project totaled \$6 million. (*Project #1051-03-146*)

NC Biotechnology Building (2002)

Research Triangle Park, North Carolina Geotechnical Engineer for multi-story building. Project totaled \$3 million. Engineering evaluation included allowable bearing capacity and estimate of quantities of trappable and blast quality rock. (*Project #1051-02-041*)

Realignment of Bryan Boulevard (2001)

Greensboro, North Carolina Senior Geotechnical Engineer, multi-level parking structure for City of Raleigh. Performed analysis and provided recommendations for



foundation support which consisted of drilled piers (caissons) into rock. (*Project #1051-01-104*)

U.S. 70 Interchange

Craven County, North Carolina

Project Manager reviewing and providing subsurface and geologic inventory reports with preliminary foundation recommendations for 2607.7 meters long, 62 bent replacement bridge project on U.S. 17/N.C. 55 over the Neuse River and new U.S. 70 Interchange including six ramps and two loops in Craven County, North Carolina. This was in accordance with the NCDOT Improvement Program for the NC Department of Transportation. Responsibilities included proposal preparation, contract negotiations, scheduling field work, field work, and report preparation in accordance with NCDOT standards and guidelines. Preliminary foundation requirements varied from piles to drilled piers.

Herbert C. Bonner Bridge (2003)

Dare County, North Carolina

Project Manager reviewing and providing subsurface and geologic inventory report with preliminary foundation recommendations for 4405 meters long, 53 bent replacement bridge project for the Herbert C. Bonner Bridge over Oregon Inlet. Responsibilities included proposal preparation, contract negotiations, scheduling field work, field work, and report preparation in accordance with NC DOT standards and guidelines. Preliminary foundation requirements varied from piles to drilled piers.



Water & Sewer Facilities

Selma. North Carolina

Geotechnical Engineer providing subsurface evaluation for over 35,000 linear feet of water and sewer lines including pump stations and elevated water tank for the Northwest Annexation Phase I and II Water and Sewer Facilities Improvements for the town of Selma, North Carolina.

Revenue Building

Raleigh, North Carolina

Project Manager reviewing and providing subsurface and geologic Geotechnical Engineer for seven-story \$35 million dollar Revenue Building project in downtown Raleigh, North Carolina. Engineering evaluation included allowable bearing capacity and bearing elevation for caissons on hard rock and estimate of quantities of rippable and blast quality rock.

Office Building

Raleigh, North Carolina

Senior Geotechnical Engineer/Project Manager for five story office building in Raleigh, North Carolina. Building criteria limited total and differential settlements to small amounts. The cost of a deep foundation system was financially prohibitive. As an alternative, worked with owner and design team to allow shallow, spread footings with over-excavation and stone replacement to limit settlements to acceptable levels.

Elizabeth City State University

Elizabeth City, North Carolina

Geotechnical Engineer providing foundation recommendations for 29,000 square foot, four-story science complex on the campus of Elizabeth City State University in Elizabeth City, North Carolina. Responsibilities included supervision of the installation and monitoring of pile foundations.

Raleigh Boulevard Extension

Raleigh, North Carolina

Geotechnical Engineer providing subsurface evaluation, pavement design and foundation recommendations for 15,000 linear feet of roadway for the Raleigh Boulevard Extension and 182 foot long, 4 bent Crabtree Creek Bridge structure for the City of Raleigh, North Carolina. Responsibilities included slope stability analysis of roadway embankments, settlement analysis and geosynthetic reinforcement design of embankment slopes and foundation support recommendations for bridge and culvert.

CONTINUING EDUCATION

S&ME, Inc.'s Senior Review and Annual Geotechnical Seminar – 2000, Charlotte, North Carolina

S&ME, Inc.'s Annual Geotechnical Seminar – 1999, Charlotte, North Carolina



S&ME, Inc. Annual Geotechnical Seminar – 1998, Charleston, South Carolina

DPIC's Risk Management Seminar – 1998, Charleston, South Carolina S&ME, Inc. Annual Geotechnical Seminar – 1997, Knoxville, Tennessee

Professional Development Seminar, Charlotte, North Carolina

A short course on Geosynthetics, Dr. Chaim J. Poran, P.E., Ph.D., Charlotte, North Carolina

Soils and Foundations Workshops, Federal Highway Administration, Raleigh, North Carolina

Macon County Landfill Construction Workshop, Franklin, North Carolina

Solid Waste Landfills: Making the Transition to Subtitle D Workshop sponsored by Solid Waste Section, N.C. Department of EHNR, Raleigh, North Carolina

Elements of Landfill Design, Construction and Management, Richmond, Virginia



Project Role Environmental Technician

Company S&ME, Inc.-Raleigh, NC

Education

NC State University School of Engineering, 1979-1983

Years of Experience

Joined S&ME in May of 1984

THOMAS R. PEREZ ENVIRONMENTAL TECHNICIAN/CADD OPERATOR

FIELDS OF COMPETENCE

Phase I Environmental Site Assessments (ASTM 1527-05 and E 1528-05), Stormwater Pollution Prevention Inspections, AutoCAD, MicroStation, Drafting; Gint; Microsoft Office (Word/Excel); Subsurface Investigations by hand auger and penetrometer; Monitoring of pile installation; Laboratory testing of concrete and soil; Field testing and inspection of concrete and soil; Field inspection of reinforcing steel, post tensioning cables and superspans

KEY PROJECTS AND ASSIGNMENTS

Phase I Environmental Site Assessments (ESAs) for over 500 sites in North Carolina, Virginia and West Virginia. This work included numerous closed landfills for the North Carolina Department of Environment and Natural Resources; a 1,200-acre site and numerous subsequent adjacent tracts in Chatham County, North Carolina for a proposed golf course community; an 800+-acre site in Wilson, North Carolina for a proposed office park; a 460-acre site in Cary, North Carolina for a major computer firm; numerous 200+ acre proposed subdivisions in the Raleigh, North Carolina area; and proposed and existing shopping centers in North Carolina and Virginia.

CADD/MS and drafting for North Carolina Department of Transportation bridge and roadway projects, Phase I ESA's and miscellaneous engineering projects.

Senior Engineering Technician for Nabisco Bakery, Garner, North Carolina. Scheduled technicians for soil and concrete testing for foundation and inspection of reinforcing steel for \$600 million, one million square foot plant.

Senior Engineering Technician for Weston One, Cary, North Carolina. Testing and inspection of all concrete, soil, reinforcing steel, and pavements and quality control for the owner. Project involved a five-story steel framed building with three levels of cast in place concrete underground parking.

Senior Engineering Technician for Capital Center (Phase I), Raleigh, North Carolina. Testing and inspection of soil, concrete, reinforcing steel and post tensioning of cables. Project involved a seven-floor cast in place concrete building and pedestrian bridge THOMAS R. PEREZ ENVIRONMENTAL TECHNICIAN/ CADD OPERATOR PAGE 2



Senior Engineering Technician for Weston Parkway (Phase I, II, III). Testing and inspection of soil, concrete, asphalt, utilities, and reinforcing steel for three miles of four- lane parkway, a 300-foot twin bridge.

CONTINUING EDUCATION

1985, Radiation Safety; Raleigh, North Carolina

1986, FAA Airport Conference; Hershey, Pennsylvania

1989, ACI Concrete Technician Level I; Asheville, North Carolina

1996, ASTM Environmental Site Assessments for Commercial Real Estate, Charlotte, North Carolina

1997, Introduction to AutoCad, Wake Technical Institute, Raleigh, North Carolina

1997, Basic AutoCAD, CADre CAD System Support & Training, Cary, North Carolina

1999, Introduction to MicroStation, CADD Concepts, Cary, North Carolina

1999, Due Diligence at Dawn Seminar, EDR, Raleigh, North Carolina

2000, 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

2001 - 2010 HAZWOPER, 8-hour annual refresher

2010, Erosion & Sediment Control/Stormwater Certification for NCDOT Projects, Level I Certification