



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**WEST END COMMUNITY CENTER, INC.
705 KENT STREET
DURHAM, DURHAM COUNTY, NORTH CAROLINA**

Prepared for:

Self-Help Ventures, Inc.
301 West Main Street
Durham, NC 27702-3619

July 31, 2012

Terraquest Project No. 03112

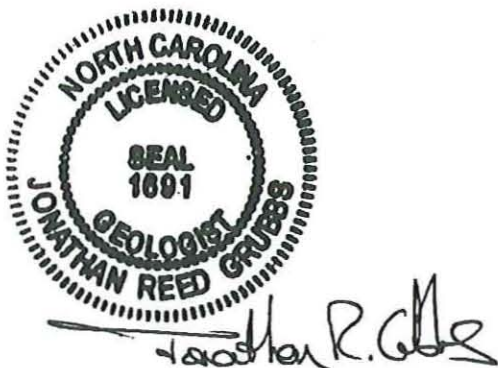
**CERTIFICATION FOR THE SUBMITTAL
OF AN ENVIRONMENTAL / GEOLOGICAL ASSESSMENT**

Attached is the Phase I Environmental Site Assessment for:

Site Name: West End Community Center, Inc.
Address: 705 Kent Street
City: Durham, Durham County State: NC Zip Code: 27701

I, Jonathan R. Grubbs, a Licensed Geologist in the State of North Carolina for TERRAQUEST ENVIRONMENTAL CONSULTANTS, P.C. do hereby certify that I am familiar with and have reviewed all material including figures within this report and that to the best of my knowledge the data, site assessments, figures, and other associated materials are correct and accurate. All work was performed under my direct supervision. My seal and signature are affixed below. Additional seals and/or signatures are also affixed below.

TERRAQUEST ENVIRONMENTAL CONSULTANTS, P.C.



Jonathan R. Grubbs, P.G.
Vice President

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1.0 PHASE I EXECUTIVE SUMMARY

Terraquest Environmental Consultants, P.C. (Terraquest) has completed a Phase I Environmental Site Assessment (ESA) of West End Community Center, Inc. (West End) located 705 Kent Street in Durham, Durham County, NC. The User of this Phase I ESA is Self-Help Ventures, Inc. of Durham, NC.

The purpose of this Phase I ESA is to provide general information about the current and historic uses of the West End property. This audit was performed in accordance with the scope and limitations of ASTM practice E 1527-05.

The subject property investigated under this ESA is currently owned by West End Community Center, Inc. and during the site visit the property were the 3,695 square-foot building for West End Community Center on the 0.281-acre {Durham Co. Parcel Identification Number (PIN): 0821-06-47-3524}; An asphalt parking lot surrounds, the only building on the 705 Kent St. property. A concrete cinder block wall runs along the northern and eastern property boundaries.

Based upon a review of historical Sandborn maps and aerial photographs dating back to 1913 and the property owner and tenant interviews, 705 Kent St. property has been a vacant lot or a residence until 1978 when the current brick building was constructed.

A records review of the federal and state environmental databases revealed sixty-six mappable environmental conditions within their respective search radii for the subject properties. None of the identified conditions were located on the West End property. SPILLS, UST, and LUST sites were located within a distance that could have an effect on the subject properties soil and groundwater quality; 1) the West Chapel Hill St. BP (SPILLS, UST, and LUST); and 2) University Market (LUST & UST). Two conditions identified by Terraquest were not identified by the database search; 1) a North Carolina Division of Waste Management – Dry Cleaning Solvent Cleanup Act (NCDWM-DSCA) New Method Laundry & Dry Cleaners release incident on the adjoining property to the west at 1201 W. Chapel Hill St.; and 2) a former service station with underground storage tanks that remain in situ at 1200 W, Chapel Hill St. Two hundred and thirty unmappable sites (non-geocoded) were identified by the records review. The unmapped sites (non-geocoded) could not be mapped because of the incomplete address information in the federal, state, and local record databases. The remaining mapped or unmapped sites are not within a distance that could have an effect on the subject properties.

The following is a tabular summary of the findings of this ESA.

Phase I ESA Category	On-Site REC Identified	Off-Site REC Identified	No REC Identified	Comment/Reference
User & Owner Information		•		User Identified the DSCA Incident on 1121 parcel Refer to Section 2.4/Owner had No Significant Concerns Noted
Regulatory Records Review		•		Refer to Section 4.1
Historical Records Review		•		Refer to Section 4.2
Interviews		•		Refer to Section 5.1
Site Reconnaissance		•		Refer to Section 5.2

During the completion of the audit, Terraquest personnel visited and walked the subject and surrounding properties. A representative of the property owner and current tenant West End Community Center, Juanita McNeil, was interviewed during the site visit. Representatives of the NCDWM UST Section Raleigh Regional Office and Permits and Inspection Branch, the NCDWM DSCA Program, and the City of Durham Fire Department were interviewed over the telephone. The DSCA project manager for the New Method Laundry & Dry Cleaners DSCA project was interviewed over the telephone.

Based upon the results of the site reconnaissance, records review, historical information review, and interviews, analytical results of soil and groundwater samples collected on the West End property indicate the presence of chlorinated solvents namely tetrachloroethylene (PCE) in soils beneath the northeast corner of the property and groundwater beneath the eastern end of the subject property. Furthermore, subsurface soil gas samples collected on the West End property indicate the presence of PCE vapor concentrations greater than the NCDWM DSCA screening limits. No additional indications of hazardous materials or regulated substances being dumped, spilled, or improperly stored on the subject properties of a major concern were noted on the subject properties.

The primary RECs identified during the completion of the Phase I ESA were:

- 1) DSCA incident at the former New Method Dry Cleaners on the adjoining property to the north at 1201 W. Chapel Hill St.;
- 2) the LUST, UST, SPILLS incident on the property to the north at 1118 W. Chapel Hill St.;
- 3) the UST and LUST site at 1108 W. Chapel Hill St. to the northeast; and
- 4) the USTs at 1200 W, Chapel Hill St. to the north;

REC of Concern

A review of the soil, groundwater, and sub-surface vapor results collect during the NCDWM DSCA assessment of the New Method Laundry & Dry Cleaners incident reveals that the chlorinated

solvent release originates from the 1201 W, Chapel Hill St. property. The subsurface soil gas samples collected immediately adjacent to the West End building revealed concentrations of PCE above the NCDWM DSCA screening levels; however, the indoor air quality samples collected from within the West End building revealed concentrations of PCE but not above the NCDWM DSCA screening levels. Terraquest believes the New Method Laundry & Dry Cleaners REC to be an REC of concern given the severity and extent of the release on the West End property. Future development of the West End property could be hindered by the presence of the chlorinated solvents on the West End property.

RECs Not of Concern

The remaining RECs at the 1118 W. Chapel Hill St., 1108 W. Chapel Hill St., and 1200 W. Chapel Hill St. properties are not an REC worth additional investigation given their incident/site type, regulatory status, distance from the West End property, and/or the defined responsible party for the noted release incident.

Recommendations

Terraquest recommends: 1) completion of a Brownfields agreement for the 705 West End property to provide a covenant-not-to-sue from the state and federal regulatory agencies. Furthermore, a dialogue with the NCDWM DSCA program should be maintained to monitor and verify ongoing assessment, cleanup, and closure of the incident due to the presence of PCE contamination on the West End property.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to identify RECs, HRECs, and de minimus conditions associated with the subject and surrounding properties that could impact the subject property's soil and groundwater quality. RECs are the existence or likely existence of any hazardous substances or petroleum products on the subject and surrounding properties under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface water of the subject property. HRECs are an environmental condition, which in the past would have been considered an REC, but which is not currently an REC because the site has been remediated or will not currently impact the subject property. A de minimus condition is a condition that generally does not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2.2 Limitations and Exceptions of Assessment Work

The Phase I ESA of the subject property is a preliminary investigation into the visual identification of possible RECs and is not a guarantee that unforeseen RECs do not exist at the subject property. No analytical samples of soil and/or groundwater from the subject property were collected to confirm the presence or absence of RECs during the Phase I ESA. Every effort was made during the completion of this audit to identify all possible RECs on the subject property within a reasonable time span. The property owner/tenant, state regulatory personnel, local fire department personnel, and DSCA project manager interviews and records search were relied upon heavily to construct an accurate picture of the property's history. The scope of work does not include business environmental risks as defined by ASTM E 1527-05. This report is provided for the sole use of Self-Help Ventures, Inc. Use of this report by any third parties will be at the party's sole risk, and Terraquest disclaims any liability for any such use or reliance by third parties.

2.3 Limiting Conditions and Methodology Used

The Phase I audit was conducted by Terraquest personnel in accordance with the American Society for Testing and Materials (ASTM) standards on Environmental Site Assessments for Commercial Real Estate (E 1527-05). Terraquest is a licensed professional geological corporation in the State of North Carolina, and the audit was performed and reviewed by licensed environmental professionals. The audit consisted of four components: a records review, a site reconnaissance, interviews, and report completion. The records review was an examination of local, state, and federal records for the indication of possible RECs on and surrounding the subject properties. In addition, other sources, such as current and historical aerial photographs, Sandborn maps, City of Durham telephone directories, property tax and title files, and federal and state environmental release records, were used to aid in reconstructing the area's history. The site visit was to identify the possible RECs, HRECs, and de minimus conditions currently present at the subject and surrounding properties. Terraquest personnel walked the subject property and adjacent properties. All of the exterior and interior areas of the subject property were accessible. Terraquest also conducted interviews with the property owner/tenant, state regulatory personnel, and local fire department personnel. All of the information collected in the records review, the site visit, and interviews is incorporated in the following report.

The following assessments were not completed: legal chain of title, surveying, regulatory compliance, waste characterization and treatment schemes, geotechnical and structural engineering services, chemical analysis of soil, groundwater, drinking water, or air samples, asbestos survey and sampling, mold surveying and sampling, lead-based paint survey and analysis, radon survey and sampling, wetland delineation, industrial hygiene, endangered species, and indoor air quality.

2.4 User Reliance

The User of this Phase I ESA report is Self-Help Ventures, Inc. The User has provided to the environmental professional completing this report any knowledge of the subject property's current and historic uses to the best of their ability. The User has no knowledge of any environmental cleanup liens or activity and land use limitations that are filed or recorded against the subject property per 40 CFR 312.25 and 312.26, respectively. The User has provided knowledge of the New Method Laundry & Dry Cleaners DSCA incident to Terraquest. The User's knowledge of the property is limited to what is noted in the User Questionnaire they completed. A copy of the Self-Help Ventures, Inc. User Questionnaire is provided in Appendix A.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The West End property is approximately 0.281 acres in size. The subject properties are located along Kent Street within the city limits of Durham, NC. The locations of the subject property on the Southwest Durham United States Geologic Survey (USGS) topographic 7.5 minute quadrangle (topo map) are shown on Figure 1.

Durham County Parcel Identification Number:

0821-06-47-3524

A copy of the most recent property title deed is included in Appendix B.

3.2 Site and Vicinity Characteristics

The subject property is located along Kent Street in Durham, NC. The site and surrounding properties are a mix of commercial, residential, and undeveloped woods.

The subject property and surrounding properties to the north, east, and west are zoned Commercial Infill by the City of Durham Planning Department. This zoning allows uses from office to commercial retail. Surrounding properties to the south and further north are zoned Residential Urban – 5 and allow for residential uses.

3.3 Description of Structures, Roads, Other Improvements on the Site

The West End property had one primary structure, a 3,695 square-foot brick, slab-on-grade commercial building for the West End Community Center.

Other improvements include:

- Primary access is from Kent Street;
- A concrete cinder-block retaining wall along the northern and eastern property boundaries;
- An asphalt parking lot surrounded the northern and eastern portions of the main building;
- Storm drain located at the southwest corner of the main building for the roof drain outfall;

The subject property's layout as depicted in the 2010 Durham County aerial photograph is depicted in Figure 2.

Utility	Utility Provider	Comment/Status
Water	City of Durham	Water enters the subject property from Kent St. and supplies the West End building's kitchen and two bathrooms
Sanitary Sewer	City of Durham	Sewer enters the subject property from Kent St. and supplies the West End building's kitchen and two bathrooms
Electric	Duke Energy	A Duke Power electric line enters the building underground from a pole-mounted transformer located in the northeast corner of the property.
Natural Gas	Public Service Natural Gas	Natural gas line is connected to a meter located on the southern side of the West End building and enters the property from Kent St.

3.4 Environmental Liens or Activity and Use Limitations

Environmental Liens are public records of control associated with zoning activities, licensing boards, federal, state, and local environmental regulatory agencies, and federal, state, and local departments of revenue. Activity and Use Limitations (AULs) are indications of past or present release of a hazardous substance or petroleum products and are a recognition by a federal, state, local, and tribal regulatory agency that residual levels of hazardous substances or petroleum products may be present on the subject properties. These AULs include, but are not limited to, land-use restrictions, engineering controls, and institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, state, local, or tribal law.

Based upon a review of the record search data and the interview with the property owner and regulatory personnel during the Phase I ESA, there are no environmental lien(s) or AULs relating to a past violation of environmental laws or property uses with respect to the subject property.

3.5 Current and Former Uses of the Property

Current Owner, Property Manager, and Occupant Information

The site is owned and managed by:

West End Community Center, Inc.
1309 Jackson Street
Durham, NC 27702

The site is currently occupied by West End Community Center. Juanita McNeil is the current director of the Center.

Current Uses

A review of current and historical aerial photographs and the property owner interview revealed a fairly comprehensive history of the subject properties over the course of current and previous ownerships.

Current Use:

During the site visit, the 705 Kent St. was an active community center that provides day camps and after-school programs for children and a meeting and knowledge center for the local community.

Former Uses:

A review of historical Sandborn Maps dating back to 1913 and aerial photographs dating back to 1959 reveals the West End property to be a vacant lot in the 1913 Sandborn Map and residences up to the 1972 aerial photograph. The former residence was demolished by the 1971 aerial photograph and the current community building was present in subsequent aerial photographs. Further discussion of former uses is continued in Section 4.4.

Title Records

The Durham County Register of Deeds has the following title chronology for the subject properties dating back to 1930.

Durham Co. PIN: 0821-06-47-3524		
	GRANTOR	GRANTEE
1936		J.B. Lewter
1972	J.B. Lewter	C.C. Sr. & Willie H. Malone
1991	C.C. Malone, Jr.	West Community Center, Inc.

3.6 Current and Former Uses of Adjoining Properties

Current Uses of Surrounding Properties

Direction	Land Use
North	Church (1201 W. Chapel Hill St.), a day care (NE), Commercial Retail, (NW), A church (N) Auto Tint Store (NE) further North across W. Chapel Hill St.
East	Wooded Vacant Lot with Residences further East
South	Community Garden with Residences further South
West	Church and office building and residences further west

A review of current and historical aerial photographs and the property owner interview revealed a fairly comprehensive history of the surrounding properties. A review of historical Sandborn Maps and aerial photographs dating back to 1913 reveals the surrounding properties to the north and across W. Chapel Hill St. and south to be residences, a church, residences, and an office building to the west, and a vacant undeveloped lot to the east.

Major Changes include:

- A dry cleaning at the current church building to north;
- Former residences and former pest control business at the current day care to the northeast;
- Former gas stations at the current auto-tint building and church to the north across W. Chapel Hill St.;

Further discussion of former and current uses is continued in Section 4.4.

3.7 Site Rendering, Map, or Site Plan

See the Site Layout Map, Figure 2, for a layout of the subject and surrounding properties features of note.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources; Federal, and State

The following records review of the U.S. Environmental Protection Agency (U.S. EPA) and State databases was completed for Terraquest by FirstSearch Technology Corporation (FirstSearch). Search distances for each of the following database lists were in accordance with those defined by the ASTM Standard E-1527-05.

- EPA National Priorities List (NPL)
- EPA NPL Delisted
- EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
- EPA Comprehensive Environmental Response, Compensation, and Liability Information System with No Further Remedial Action Planned (CERCLIS NFRAP)
- Resource Conservation and Recovery Act - Generators and TSD (treatment, storage, and disposal) Facilities (RCRA TSD)
- Resource Conservation and Recovery Act – Corrective Action Sites (RCRA COR)
- Resource Conservation and Recovery Act - Generators and Transporters (RCRA GEN)
- Federal Institutional and Engineering Controls (Federal IC/EC)
- Emergency Response Notification System (national) (ERNS)
- Indian Lands of the US (Tribal Lands)
- North Carolina Department of Environment and Natural Resources (NCDENR) Division of Waste Management Inactive Hazardous Waste Sites (State and Tribal Sites)
- State Spills 90 – NCDENR Division of Water Quality-Groundwater Section
- North Carolina/Tribal Solid Waste Facilities List (State/Tribal SWL)
- North Carolina/Tribal Petroleum Underground Storage Tank Data Listing (State/Tribal UST/AST)
- North Carolina/Tribal Leaking Underground Storage Tank Incident Report (State/Tribal LUST)
- North Carolina/Tribal Engineering Controls (State/Tribal EC)
- North Carolina/Tribal Institutional Controls (State/Tribal IC)
- North Carolina Voluntary Cleanup Program (State/Tribal VCP)
- North Carolina/Tribal Brownfields Sites (State/Tribal Brownfields)

Number of mappable sites identified with the ASTM search distances from the property:

Federal Record Database	Minimum Search Distance (miles)	Total Sites Identified	On Subject Site	On Adjacent Property
NPL	1.0	0	0	0
NPL Delisted	0.5	0	0	0
CERCLIS	0.5	0	0	0
CERCLIS NFRAP	0.5	3	0	0
RCRA COR ACT	1.0	0	0	0
RCRA TSD	0.5	0	0	0
RCRA GEN	0.25	0	0	0
Federal IC/EC	0.50	0	0	0

Federal Record Database	Minimum Search Distance (miles)	Total Sites Identified	On Subject Site	On Adjacent Property
ERNS	0.25	0	0	0
Tribal Lands	1.0	0	0	0

National Priority List

The National Priority List is a list of Superfund sites maintained by the U.S. Environmental Protection Agency (EPA). These abandoned and/or uncontrolled hazardous waste sites are identified as a candidate for priority cleanup.

Neither the site nor surrounding properties within a one mile radius were listed within the NPL database.

Delisted National Priority List

The Delisted National Priority List is a database of delisted NPL sites maintained by the US EPA. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establish 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.

Neither the site nor surrounding properties within a one-half mile radius were listed within the Delisted NPL database.

CERCLIS List

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list is maintained by the US EPA and identifies potentially hazardous waste sites to be investigated or currently under investigation. The list also identifies sites that are either proposed for inclusion on the NPL.

Neither the site nor surrounding properties within a one-half mile radius were listed within the CERCLIS database.

CERCLIS NFRAP List

The CERCLIS "No Further Remedial Action Planned" (NFRAP) list is maintained by the US EPA and identifies sites previously on the CERCLIS list. The listing includes sites that, following an initial investigation, no contamination was found, contamination was removed quickly with need for the facility to be listed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

Three sites were identified within the one-half mile radius:

- 1) The Duke University Transformer Storage;*
- 2) Duke University;*

3) *Liggett and Myers Tobacco Company;*

None of these identified sites are within a radius that represents an offsite REC for the site.

RCRA CORRACTS List

The Resource and Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) list is a database maintained by the USEPA and contains information concerning sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA with reported corrective action.

Neither the site nor surrounding properties within a one mile radius were listed within the RCRA CORRACTS database.

RCRA non-CORRACTS TSD List

The Resource Conservation Recovery Information System (RCRIS) Treatment, Storage, and Disposal list is maintained by the US EPA and contains information pertaining to sites that treat, store, or dispose (TSD Facility) of hazardous waste as defined by RCRA.

Neither the site nor surrounding properties within a one-half mile radius were listed within the RCRA non-CORRACTS TSD database.

RCRA Generators List

The RCRIS Generators list is maintained by the US EPA and identifies sites that generate hazardous waste as defined by RCRA. There are three basic categories of generators: conditionally exempt, small quantity, and large quantity.

Neither the site nor surrounding properties within a one-quarter mile radius were listed within the RCRA Generators database.

US Engineering Controls and Institutional Controls List

The US Engineering Controls and Institutional Controls list are maintained by the US EPA and identifies site that have engineering or institutional controls.

Neither the site nor surrounding properties within a one-half mile radius were listed within the US Engineering or Institutional Controls databases.

ERNS List

The Emergency Response Notification System (NRNS) list is maintained by the US EPA and contains information on reported releases of oil and hazardous substances. Federal authorities included in release reporting are the US EPA, US Coast Guard, the National Response Center, and the US Department of Transportation.

Neither the site nor surrounding properties within a one-quarter mile radius were listed within the ERNS database.

State Record Database	Minimum Search Distance (miles)	Total Sites Identified	On Subject Site	On Adjacent Property
State/Tribal Sites	1.0	8	0	0
State Spills 1990	0.25	6	0	1
State Tribal SWL	0.50	0	0	0
State/Tribal LUST	0.50	43	0	1
State/Tribal UST/AST	0.25	5	0	1
State/Tribal EC	0.50	0	0	0
State/Tribal IC	0.25	0	0	0
State/Tribal VCP	0.50	1	0	0
State/Tribal Brownfields	0.50	0	0	0
State Other	0.25	0	0	0

Inactive Hazardous Sites Inventory (State/Tribal Oversight List – SHWS)

The Inactive Hazardous Sites Inventory, maintained by the North Carolina Department of Environment and Natural Resources (NCDENR), provides information about inactive hazardous waste sites. Inactive hazardous sites are any sites at which a hazardous substance release occurred and includes active and inactive facilities.

Eight sites were identified within the one-mile radius:

- 1) Duke University Transformer Storage;
- 2) Duke University;
- 3) Brightleaf Square;
- 4) Eakes Cleaners;
- 5) Former Eakes Cleaners;
- 6) USA Reserve XVIII Airborne Corps;
- 7) Liggett and Myers Company;
- 8) Durham Public Service Company Property

None of these identified sites are within a radius that represents an offsite REC for the site.

State Spills 1990 List

The Incident Management Data is a database maintained by NCDENR of possible releases/spills of contaminants (UST and Groundwater).

Six sites were identified within the one-mile radius:

- 1) West Chapel Hill Street BP;
- 2) Burtons Auto Clinic;

- 3) Pollards Service Station (former);
- 4) Exxon-Pollards
- 5) Church of the Immaculate Conception
- 6) Immaculate Conception Church

The only identified site thought to be a potential offsite REC is the West Chapel Hill Street BP site located on an adjacent property to the north across W. Chapel Hill St. Further discussion of this REC is continued in Section 5.3.

State/Tribal Landfill and/or Solid Waste Disposal List

The Solid Waste Facilities database, maintained by NCDENR, provides information about solid waste facilities and landfill sites. These may be active or inactive facilities or open dumps that fail to meet RCRA Subtitle D, Section 4004 criteria for solid waste landfills or disposal sites.

Neither the site nor surrounding properties within a one-half mile radius were listed within the ERNS database.

State/Tribal Leaking Underground Storage Tank (LUST) List

The State/Tribal Leaking UST database is maintained by NCDENR and is a database of leaking UST incidents.

Forty-Three sites were identified within the one-half mile radius:

- 1) West Chapel Hill Street BP;
- 2) University Market
- 3) Burtons Auto Clinic;
- 4) Exxon-Pollards;
- 5) Pollards Service Station (former);
- 6) Church of the Immaculate Conception;
- 7) Immaculate Conception Church;
- 8) Duke-Asian/Pacific
- 9) Bailey S 66
- 10) Slaughter Property (listed twice);
- 11) Duke – Development Site;
- 12) Slaughter Property (different address);
- 13) Duke University Surplus Building;
- 14) Duke University Campus Transit;
- 15) George Gopen Residence (listed twice);
- 16) Durham City School Old Maintenance;
- 17) Cheryl Pou Residence;
- 18) Barbara Deason Residence;
- 19) Andy's Handy Mart;
- 20) Roberge Property;
- 21) Durham County Hospital Physical Plant;

- 22) Duke Medical Center-Helicopter Pad
- 23) Duke Hospital North;
- 24) Duke – Eye Center;
- 25) Randall Love Residence;
- 26) Edwards Residence;
- 27) W.H. Nicholson Property;
- 28) Liggett Group;
- 29) David Ball Residence;
- 30) Hall Wynne Funeral Home;
- 31) Duke-Plant Accounting;
- 32) Claude May Facility;
- 33) Duke Accounting;
- 34) Durham Laundry;
- 35) Durham Police Department Headquarters;
- 36) Webb Durham Venture/Durham Police;
- 37) Brame Specialty Company;
- 38) Mcpherson Hospital;
- 39) Blue-Cross Blue Shield-Vickers
- 40) Tops 12/Brame Specialty;
- 41) Trinity Park Family Fare 432

Two of the identified sites are potential RECs; 1) the West Chapel Hill Street BP site located on an adjacent property to the north across W. Chapel Hill St.; and 2) University Market located to the northeast at 1108 W. Chapel Hill St. Further discussion of this REC is continued in Section 5.3.

State/Tribal UST/AST Sites

The State/Tribal UST/AST Sites is a database of USTs registered with NCDENR. Inclusion on this list indicates the presence of USTs and therefore a potential for environmental problems, but does not necessarily indicate existing problems.

Five sites were identified within the one-quarter mile radius:

- 1) Chapel Hill Street BP 170;
- 2) University Market;
- 3) Pollard's S Service Station;
- 4) Immaculate Conception Church;
- 5) Church of Immaculate Conception;

Two of the identified sites are potential RECs; 1) Chapel Hill Street BP 170 site (also known as the West Chapel Hill Street BP site) located on an adjacent property to the north across W. Chapel Hill St.; and 2) University Market located to the northeast at 1108 W. Chapel Hill St. Further discussion of this REC is continued in Section 5.3.

State/Tribal Engineering Controls and Institutional Control (EC/IC) Sites

The state database of sites and facilities that have land use restrictions and are being investigated due to reported releases of hazardous substances. Included in the database are inactive hazardous waste sites, no further action sites, duplicate sites, inactive hazardous waste site priority list sites.

Neither the site nor surrounding properties within a one-half mile (EC) or one-quarter mile (IC) radius were listed within the State/Tribal EC/IC database.

State/Tribal Voluntary Cleanup Sites

The state database of sites and facilities that have land use restrictions and are being investigated due to reported releases of hazardous substances and have a voluntary cleanup agreement. Included in the database are inactive hazardous waste sites, no further action sites, duplicate sites, inactive hazardous waste site priority list sites.

One site was identified within the one-half mile radius:

- 1) Duke University;

This identified site is not within a radius that would qualify it as an offsite REC for the site.

State/Tribal Brownfields Sites

The state database of active eligible sites, projects pending eligibility, and finalized Brownfields Agreements.

Neither the site nor surrounding properties within a one-half mile radius were listed within the State Brownfields database.

State Other Sites

The state database of active Dry-Cleaning Solvent Cleanup Act Program (DSCA) sites.

Neither the site nor surrounding properties within a one-quarter mile radius were listed within the State Other database; however, Terraquest has identified a New Method Laundry & Dry Cleaning DSCA site located on the adjacent 1201 W. Chapel Hill Street property. Further discussion of the DSCA site is continued in Section 5.1.2.

Unmappable Sites

The unmapped sites (non-geocoded) could not be mapped because of the incomplete address information in the federal, state, and local record databases.

Two Hundred and thirty unmappable sites were identified by the records review for the properties. Terraquest did not identify any of the unmapped sites during the site visit.

The First Search summary report is included in Appendix C.

4.2 Previous Environmental Reports

The User did not provide Terraquest nor did Terraquest obtain any previously completed reports pertaining to environmental assessment or remedial activities conducted for the West End property.

4.3 Physical Setting

4.3.1 Topography

The subject property is located in the Triassic Basin of the Piedmont Province of North Carolina. The Piedmont topography is gentle rolling, rounded hills with elevation differences between hills and valleys of no greater than a few hundred feet. Based upon the examination of the Southwest Durham, NC USGS topo map, the approximate elevations of the subject properties range from 412 feet above mean sea level (MSL) along the eastern property boundary to 410 feet above MSL across much of the West End property. Elevations in the vicinity range from 420 feet above MSL to the north across W. Chapel Hill St. to 400 feet above MSL to the southeast along Jackson St.

4.3.2 Geology and Soils

According to the 1985 Geologic Map of North Carolina, the subject properties lie within the Triassic Basin of the Piedmont Physiographic Province. The subsurface bedrock geology is composed mostly of micaceous arkosic sandstones of the Chatham Group.

The Durham County Soil Survey lists the subject properties as having White Store Urban land (WwC) soil classification. The WwC soil classification indicates a combination of sandy/clay loams and clays underlain by weathered bedrock.

4.3.3 Hydrogeology

The apparent groundwater flow direction can be interpreted from information obtained from the topographic map, observations map during the site visit, and a review of environmental assessment reports of surrounding properties. The subject properties have a terrain gently sloping to the southwest with the highest point being along the eastern property boundary. Based upon the general slope of the terrain and the potentiometric surface maps reviewed in the environmental reports, the groundwater flow direction is likely to the west-southwest. Figure 1 depicts the subject properties' locations. Copies of the potentiometric surface maps from the EMS First Semi-Annual 2012 Pre-CAP Groundwater Monitoring Report dated February 28, 2012 and the Comprehensive Site Assessment dated March 3, 2004 for the West Chapel Hill Street BP at 1118 West Chapel Hill Street and the Analytical Data Tables Report for the NC DSCA New Method Laundry and Dry Cleaners project dated July 11, 2012 are included in Appendix D.

No surface water bodies were noted on either of the subject properties or on properties within 500 feet of the subject properties. The closest surface water body is an unnamed tributary of Sandy Creek located approximately 1,500 feet to the southwest.

4.3.4 Floodplains and Wetlands

Terraquest reviewed Federal Emergency Flood Hazard maps for the West End property. The map indicates the Site resides in Zone X, areas determined to be outside the 0.2% annual chance floodplain. Prior to any Site development activities, the User should field verify the existence of on-Site flood areas. A copy of the FIRMette, full scale section of the FEM Flood Insurance Rate Map (FIRM) Community-Panel Number 3700860821K dated August 2, 2007 is included in Appendix E.

National Wetlands Inventory Online Mapper was also reviewed by Terraquest. Wetlands were not identified on the West End property according to the information provided by the online map. Prior to any Site development activities, the User should field verify the existence of on-Site wetlands, if conditions are indicative of wetland formations. A copy of the wetland map generated from the US Fish and Wildlife Service website is included in Appendix E.

4.4 Historical Land Use Information

Information sources used to evaluate past and present land-use activities at the subject properties include:

- Aerial Photographs
- Sandborn Maps
- Durham City Directories
- Durham County Tax Records

Aerial Photographs

Durham County aerial photographs from the years 1964, 1971, 1980, 1988, 1994, 1999, 2005, and 2010 were obtained by Terraquest from the Durham County GIS Department and the Durham County GIS website. Durham County Agricultural Extension Service (DCAES) aerial photographs from the years 1959, 1966, 1972, and 1978 were also examined by Terraquest at the DCAES office in Durham, NC.

A summary of the aerial photograph review is as follows for the subject properties:

Year	Use
1959	705 Kent St. has a residence
1964	Unchanged from 1959 aerial
1966	Unchanged from 1959 aerial
1971	Unchanged from 1959 aerial

1972	Unchanged from 1959 aerial
1978	705 Kent. St has current community center building
1980	Unchanged from 1978 aerial
1988	Unchanged from 1978 aerial
1994	Unchanged from 1978 aerial
1999	Unchanged from 1978 aerial
2005	Unchanged from 1978 aerial
2010	Unchanged from 1978 aerial

A summary of the aerial photograph review is as follows for the surrounding properties:

Year	Use
1959	The surrounding properties to the north and south are residences with the current wooded undeveloped tract to the east. The current office building and church to the west and the former restaurant/current commercial building, the 1200 W. Chapel Hill St former gas station/current church are present further north. The former gas station to the northeast across W. Chapel Hill St. is present.
1964	Unchanged from 1959 aerial
1966	Unchanged from the 1959 aerial other than the construction of the current church/former dry cleaners building on the adjacent 1201 W. Chapel Hill St. property to the north and the current University Market building at 1108 W. Chapel Hill St. (NE) and the removal of the residence at the property to the northeast at 1117 W. Chapel Hill St.
1971	Unchanged from 1966 aerial other than the 1119 W. Chapel Hill St. property is a vacant undeveloped cleared lot.
1972	Unchanged from 1966 aerial
1978	Unchanged from 1966 aerial
1980	Unchanged from 1966 aerial other than removal of remaining residences on 1108 W. Chapel Hill St.
1988	Unchanged from 1980 aerial other than the 1121 W. Chapel Hill St. property is a vacant undeveloped cleared lot
1994	Unchanged from 1988 aerial other than the 1121 W. Chapel Hill St. property has the current 1,800 square-foot building
1999	Unchanged from 1994 aerial
2005	Unchanged from 1994 aerial other than the 1119 W. Chapel Hill St. property has current playground configuration
2010	Unchanged from 2005 aerial

A copy of the 2010 aerial photograph is included in Figure 2. Copies of the 1959, 1964, 1966, 1971, 1972, 1980, 1978, 1980, 1988, 1994, 1999, and 2005 aerial photographs are included in Appendix E.

Durham County Tax Cards

A Durham County tax card was obtained for the subject property. The card provides the most up-to-date subject property information such as owner, property improvement, and sales. A copy of the card is included in Appendix F.

Sandborn Maps and Town of Hillsborough City Directories

Sandborn Maps

Terraquest personnel searched the NC Live.org Genealogy & Historic Map website for historical Sandborn maps of the subject and surrounding properties. Sandborn maps from 1913, 1937, and 1950 were found for the subject or surrounding properties. Copies of the 1913, 1937, and 1950 Sandborn Maps are included in Appendix E.

Year	Use
1913	The West End property is a vacant lot. Surrounding properties are primarily residential with the exception of the current church and office building to the west across Kent St.
1937	The West End property has a residence. An apartment building was noted on the 1121 W. Chapel Hill St. property with additional shed-type buildings south of the residence. Additional residences on surrounding properties are noted along W. Chapel Hill St., Kent St., and Jackson St.
1950	West End property remains similar to the 1937 map. The former gas station building at 1118 W. Chapel Hill St. to the north and the former restaurant/current commercial building west of the 1200 W. Chapel Hill St former gas station/current church are present.

Durham City Directories

Terraquest personnel reviewed City Directories dating back to 1923 in approximately five-year increments up to 2012.

The following is a chronology for 705 Kent St.:

Year	Listing
1923	No Listing
1933, 1940	Jas Lewter
1947, 1952, 1958	Ida Lewter
1963, 1967, 1972	Waldron Lewter
1977	No Listing
1982, 1987, 1992, 1997	C.C. Malone, Attorneys
2002, 2007, 2012	West End Community Center

The following is a chronology for 700 Kent St.:

Year	Listing
1923	No Listing
1933	Davis T. Melton Meats
1940	Chapel Hill Street Market Meats
1947	Dillehay's Grocery & Daniels Chas Venetian Blinds
1952, 1958	Cole's Restaurant & Dairyette
1963	Godwin Dance School
1967,	Formal Wear Shop & Ceramics Art Studio
1972, 1977	Durham Wholesale Grocery
1982	No Listing
1987	Marshall & Kome, Inc.
1992, 1997, 2002, 2007, 2012	Carolina Academic Press

The following is a chronology for 707 Kent St.:

Year	Listing
1923	No Listing
1933	Chas Billings
1940, 1947, 1952, 1958, 1963	Coy Billings
1967, 1972	Leoner Langley
1977	Joshnie McNeal
1982, 1987, 1992, 1997, 2002, 2007, 2012	Godwin Dance School

The following is a chronology for 708 Kent St.:

Year	Listing
1923, 1933, 1940, 1947, 1952, 1958, 1963, 1967, 1972	Emanuel AME Church
1977	No Listing
1982, 1987, 1992, 1997, 2002, 2007, 2012	Deliverance Temple Holy Church (Listed as 704 Kent St. in 1992, 1987, 1982)

The following is a chronology for 1118 W. Chapel Hill St.:

Year	Listing
1923, 1933, 1940	C.A. King, Iva King, Alice King
1947	University Service Station
1952, 1958, 1963, 1967	Reeves Gulf Service Station
1972	Kee's Gulf Service
1977, 1982, 1987	Chapel Hill Street Gulf
1992	Ron's BP
1997	A.R. Robert
2002	Harrington' Automotive Repair and Towing
2007	Affordable Auto Service
2012	Master Services Auto Alarms & Tint Masters Auto Center

The following is a chronology for 1119 W. Chapel Hill St. of the listings:

Year	Listing
1923, 1933, 1940	Rev. J.A. Herndon
1947	Robert K. Lashley
1952	No Listing
1958	Niville Monroe
1963	Elvie Horton
1967,	Vacant
1972, 1977, 1982, 1987, 1992, 1997, 2002, 2007, 2012	No Listing

The following is a chronology for 1121 W. Chapel Hill St.:

Year	Listing
1923, 1933, 1940, 1947, 1952	The Linthieum Apartments
1958, 1963	Melvin Green
1967	Catherine Williams and Eldrie Horton
1972	Lila Malone
1977, 1982, 1987	No Listing
1992, 1997	Rahmaan Exterminators
2002, 2007, 2012	Rahmaan Exterminators & All My Children Child Care

The following is a chronology for 1200 W. Chapel Hill St. (also listed as 1200 Duke Univ. Rd):

Year	Listing
1923, 1933, 1940, 1947, 1952	616 & 618 Gattis Street
1958, 1963	Pure Oil Service Station 1200 Duke University Road
1967	McAfee Glass 1200 Duke University Road
1972	No Listing 1200 Duke University Road
1977, 1982	Chicken Hut 1200 Duke University Road
1987	Vacant 1200 Duke University Road
1992, 1997	Evans Mini Mart 1200 Duke University Road
2002	No Listing 1200 Duke University Road or W. Chapel Hill St.
2007, 2012	Holy Cross Church 1200 W. Chapel Hill St.

The following is a chronology for 1201 W. Chapel Hill St.:

Year	Listing
1923	J.M Richard & C.M. McGhee
1933	Joshua T. Whitehead & Arch G. Wilson
1940	No Listing
1947	Walter Morris and Raymond Thompson
1952	Winfred Perry II
1958, 1963, 1967	Vacant
1972	New Method Laundry & Dry Cleaners
1977, 1982, 1987	Carolina Bikeways
1992	Vacant
1997	Maven Kanish and University Pawn & Loan
2002	Statt Products Catering Solutions
2007	No Listing
2012	Ark of Safety

5.0 SITE RECONNAISSANCE AND INTERVIEWS

5.1 General

5.1.1 Property Owner/Occupant Interviews

Terraquest personnel visited the subject property on June 22 and July 25, 2012. Terraquest personnel walked the subject and surrounding properties. All of the areas of the subject properties were accessible. Terraquest inspected all of the accessible areas for possible RECs.

Photographs of the subject and surrounding properties taken during the site visit are included in Appendix G.

Property Owner/Occupant Interview

Juanita McNeil, the property owner representative/tenant, was interviewed during the site visit on June 22, 2012 and accompanied Terraquest personnel during the inspection of the subject property. Terraquest personnel asked her general questions from the E1528-00 Transaction Screen Questionnaire and site specific questions about potential RECs, HRECs, and de minimus conditions. Mrs. McNeil had an excellent recollection of the property's and surrounding properties' uses during West Community Center, Inc.'s tenure of ownership and did not identify any RECs or HRECs on the West End property that are currently occurring or have occurred in the past.

West End Community Center, Inc. has owned the 705 Kent St. since 1999 and used the building as a community center since the purchase. The community center provides day camps and after-school programs for children and a meeting and knowledge center for the local community. She is responsible for the day-to-day operations at the community center and is at the property daily. She has lived in the area since she was thirteen years old and remembers the former residence on the West End property and the construction of the current building. The building was built by Clarence Malone Sr. as an office for his law practice. A copy of the interview memo is included in Appendix H.

5.1.2 Government Official Interviews

NCDWM-UST

Terraquest spoke with Wayne Randolph of the NCDWM-UST Raleigh Regional Office about possible release incidents on the subject or surrounding properties. Mr. Randolph said no release incidents have been reported for the West End property. He confirmed that the LUST release incident identified during the record search at the W. Chapel Hill St. BP (1118 W. Chapel Hill St. and NCDENR Incident # 26241) is currently an active incident with ongoing assessment and remediation. The timeline for the incident closure is unknown at this time. He also confirmed the

LUST incident #39049 at the University Market (1108 W. Chapel Hill St.) and LUST incident #3285 at the Burtons Auto Clinic (1105 W. Chapel Hill St.) have been closed out. The LUST incident #5882 at the former Pollards Exxon (906 W. Chapel Hill St.) is an active incident with ongoing assessment and remediation. The timeline for the incident closure is unknown at this time.

The W. Chapel Hill St. BP and University Market incidents are the only offsite incidents that qualify as offsite RECs. Further discussion of the W. Chapel Hill St. BP and University Market incidents is continued in Section 5.3.

All of the remaining incidents given their incident/site type, closed-out status, and/or distances from the subject properties are not considered offsite RECs. A copy of the interview memo is included in Appendix H.

Terraquest also spoke with Muriel Bennett of the NCDWM-UST Permits and Inspection Branch about the current regulatory status of the University Market active UST system. According to their records, the active UST system is in compliance with the current NCDWM UST regulations. A copy of the interview memo is included in Appendix H.

NCDWM Dry Cleaning Solvent Cleanup Act Program

Terraquest spoke with Dianne Thomas of the NCDWM-DSCA program about dry cleaning solvent release incident 32-0019 on the adjacent property to the west at 1201 W. Chapel Hill St. Mrs. Thomas said chlorinated solvents were discovered in the soils and groundwater surrounding a UST located behind the main building on the 1201 W. Chapel Hill St. property. The source of the chlorinated solvents is believed to be associated with the former New Method Dry Laundry & Dry Cleaners (New Method) located at the property. After the release discovery, the current property owners made application and were accepted into the DCSA program in September 2011. Assessment of the chlorinated solvent incident began in November 2011 with the installation of shallow groundwater monitoring wells, soil borings in the vicinity of the UST, and sub-slab, soil-gas, indoor/ambient vapor samples. Further assessment included the addition of two groundwater monitoring wells, indoor air samples of the 1121 parcel at the All My Children Day Care and the West End Community Center at 705 West Kent St., and additional soil sample collection on the 1121 parcel, the 1201 W. Chapel Hill St. property, the 705 Kent St. property, and the Self-Help Ventures property south of the 1121 parcel.

Results of the groundwater assessment revealed concentrations of chlorinated solvents tetrachloroethylene (PCE) and trichloroethylene (TCE) at concentrations greater than the North Carolina Title 15A NCAC .0202 Drinking Water Standard (2L Standard) both on the 1201 W. Chapel Hill St. property and on offsite properties to the southwest. No groundwater investigation has been completed for the 1119 or 1121 parcels. Soil samples collected on the 1201 W. Chapel Hill St. property, the 1121 parcel, 705 Kent St. property, and the Self-Help property reveal concentrations of PCE above the NCDWM cleanup standard. The soil gas samples collected in the vicinity of the All My Children Day building (SG-1) and the West End Community Center (SG-2) revealed PCE

concentrations. The SG-1 vapor concentrations were not above the NCDWM DSCA screening levels. The SG-2 vapor concentrations were above the NCDWM DSCA screening levels. Indoor Air samples were collected from the 1201 W. Chapel Hill St. building, the All My Children Day Care building on the 1121 parcel, and from the West End Community Center. Results of the indoor air samples did not reveal concentrations above the NCDWM DSCA screening levels. Mrs. Thomas said future assessment activities associated with the release incident include 1) installation of a downgradient monitoring well; 2) excavation of the current UST on the 1201 W. Chapel Hill St. property and chlorinated solvent-impacted soils from the 1201 W. Chapel Hill St. and Self-Help Ventures property; 3) a soil-vapor gas sample from residences along Jackson Street to the south; and 4) closure of the release incident. A copy of the interview memo is included in Appendix H. Copies of the Analytical Data Table Report and Indoor Air Quality Evaluation Results are included in Appendix D.

Terraquest also spoke with Carlin Slusher of the URS Corporation the DSCA contractor who has completed the assessment activities associated with the New Method chlorinated solvent release incident. She reiterated the information provided by Dianne Thomas and the proposed future assessment and cleanup activities to be performed. A copy of the interview memo is included in Appendix H.

City of Durham Fire Department

Jody Morton of the City of Durham Fire Department was interviewed over the telephone about emergency response calls for the West End property. He checked the call database for the West End property and found no incident reports. A copy of the interview memo is included in Appendix H.

5.2 Hazardous Substances in Connection with Identified Uses

Exterior

Terraquest inspected the West End property for known or observed environmental conditions (past or present) that could potentially be RECs consistent with the ASTM standards. If an REC is noted, a detailed explanation of the concern and possible impact on the subject properties' is also discussed. The following list summarizes the finding from the subject properties' inspection.

Present	Not Present	Observed Condition
	•	Suspected Hazardous Substances in Connection with Site Use
	•	Petroleum Products in Connection with Site Use
	•	Aboveground or Underground Storage Tanks (ASTs/USTs)
	•	Suspect Containers Not in Connection with Site Use
	•	Electrical or Mechanical Equipment Likely to Contain PCBs
	•	Interior Staining or Corrosion

	•	Drains or Sumps
	•	Wastewater Discharges
	•	Septic or Sewage
	•	Pits, Ponds, or Lagoons
	•	Pools of Liquid or Standing Water
	•	Solid Waste Disposal, Landfills, or Suspect Fill Material
	•	Exterior Staining
	•	Stressed Vegetation
	•	Wells
	•	Odors
•		Other Environmental Conditions

Other Environmental Concerns

The other environmental concern identified during the site visit and records review was the aforementioned chlorinated solvent release discovered on the adjacent 1201 W. Chapel Hill property and concentrations of PCE soil contamination that was found on the West End property. Current assessment and future cleanup of the chlorinated solvent release are being addressed by the DSCA program and are not the current responsibility of the West End property owner. Future assessment and cleanup completed by DSCA may occur on the West End property. Furthermore, future institutional/engineering controls may be required for future development of the West End property given the presence of PCE soil and/or groundwater contamination.

Interior Inspection of West End building

Terraquest inspected the interior of the West End building. No hazardous substances were noted during the inspection of the structure. Given the age of the building, asbestos-containing materials (ACMs) may be present in some of the building materials. ACMs are only a concern if the buildings are to be renovated or demolished. Lead paint is not a concern given that the West End building was constructed after 1978.

No De minimis environmental conditions were identified on the West End property.

5.3 Storage Tanks

Subject Properties

No aboveground or underground storage tanks (ASTs/USTs) were noted on the subject property during the site visit nor were any past indications of ASTs or USTs noted during the site visit or a review of historic records.

Offsite Properties

As previously mentioned, three offsite USTs were noted on the surrounding and nearby properties: 1) the UST at the former dry cleaner/current church building at the adjacent 1201 W. Chapel Hill St. property; 2) the former W. Chapel Hill St. BP UST system at 1118 W. Chapel Hill St. to the north; 3) the former Pure Oil Service Station at the 1200 W. Chapel Hill St. property; and 4) the University Market temporarily closed and active UST system.

1201 W. Chapel Hill St. Property

As previously mentioned, the UST on the 1201 W. Chapel Hill St. property is believed to be the source of the chlorinated solvent contamination on the 1121 parcel and is being addressed by the DSCA program (DSCA Incident 32-0019). Future assessment and cleanup of the chlorinated solvent release incident will be conducted by the DSCA program.

W. Chapel Hill St. BP Property - 1118 W. Chapel Hill St.

The W. Chapel Hill St. BP (NCDWM-UST incident #26241) is an active incident with an Intermediate risk classification. This classification stems from the presence of free product in monitoring well MW3 located on the 1118 W. Chapel Hill St. property. The UST system consisting of three 5,000-gallon gasoline USTs has been removed and contaminated soils surrounding tanks has been excavated and disposed of offsite. Soil and groundwater assessments performed to date have indicated the presence of in situ soil contamination in the vicinity of the former dispenser islands and product lines and dissolved-phase petroleum contamination in the groundwater as well as free-product in the former of gasoline in one monitoring well (MW3). Future assessment and cleanup are required to downgrade the release incident to a low risk and obtain closure of the release incident. The interpreted groundwater flow direction, as determined in the First Semi-Annual 2012 Pre-CAP Groundwater Monitoring Report, is to the south toward the West End property. Groundwater analytical results of monitoring well MW6 installed on the 1117 W. Chapel Hill St. property to the northeast revealed a lone Methyl tert-butyl ether concentration below its 2L Standard. Future assessment and cleanup of the release incident is the responsibility of M.M. Fowler, Inc. of Durham, NC. Copies of the First Semi-Annual 2012 Pre-CAP Groundwater Monitoring Report and essential parts of the Comprehensive Site Assessment are included in Appendix D.

Former Pure Oil Service Station Property - 1200 W. Chapel Hill St.

As indicated by the city directory review and the site visit, the 1200 W. Chapel Hill St. property was formerly a gas station. Terraquest confirmed this by observing fill ports of three USTs located north of the property building and two USTs located south of the building during the site visit. Terraquest also completed a Phase I and II ESA of the 1200 W. Chapel Hill St. property for a former client in July 2007. Results of the Phase II ESA documented the presence of gasoline, diesel, and oil & grease soil contamination above the NCDWM-UST Action Limits. No groundwater samples were

collected during the assessment. As of the completion of this Phase I ESA, the release has not been reported to the NCDWM-UST. The West End property is in the interpreted lateral to downgradient groundwater flow direction from the 1200 W. Chapel Hill St. property. Any suspected groundwater contamination could potentially impact the West End property. Assessment and cleanup of the release would be the responsibility of the former UST owner/operator or the current property owner. A copy of the Phase I & II ESA dated August 8, 2007 is included in Appendix D.

University Market – 1108 W. Chapel Hill St.

As indicated by the federal records review and the site visit, University Market at 1108 W. Chapel Hill St. is an active UST site consisting of a 15,000-gallon gasoline UST, a 5,000-gallon gasoline UST, and 3,000-gallon diesel UST. The active UST system is in compliance with the current NCDWM UST regulations according to the NCDWM-UST Permits and Inspection Branch. A former UST system installed in 1988 that was temporarily closed in June 2011 consisted of two 8,000-gallon and one 6,000-gallon gasoline USTs and a 2,000-gallon diesel UST. A release incident (NCDWM-UST #39049) was discovered during the temporary closure and has been closed out by the NCDWM-UST.

5.4 Indications of PCBs

Pole mounted electric transformers were noted along the northern property boundary of the West End property. Although no blue dots were noted on the transformers, the conditions of the transformers leads Terraquest to believe the manufacture date was after PCBs were no longer being used in transformers. The location of the transformers is depicted in Figure 2. No potential other sources of PCBs such as hydraulic equipment were noted on the West End property.

5.5 Water Supply Wells

No water supply wells were noted on the West End property during the site visit.

5.6 Air or Water Discharges

Terraquest observed no indications of air discharges at the West End property during the site visit. A storm water drain was noted off the southwest corner of the building. This drain is supplied by the roof drains. Water is removed from the drain via an electric sump pump and discharged to grass area and public sidewalk west of the building. The West End property building is connected to the City of Durham for sanitary sewage disposal.

6.0 DISCUSSION OF DATA GAPS

A data gap is defined by ASTM E 1527-05 as a lack of or an inability to obtain information despite diligent efforts. Data gaps must be discussed in the Phase I ESA to determine the effect of the data

gap(s) on the environmental professional completing the Phase I ESA to effectively identify recognized environmental conditions. Data gaps examples include; 1) the inability to complete site reconnaissance of the subject and surrounding properties due to access restrictions; 2) the inability to conduct interviews with essential personnel or officials; and 3) lack of historical land use information. The Environmental Professional must address the significance of any data gaps and identify the information sources consulted to address the data gaps.

The only data gap encountered during the completion of the Phase I ESA that inhibited the ability to complete the Phase I ESA or affect its outcome was: 1) the inability to interview previous owners of the West End property. Given the Sanborn map, aerial photograph, and city directory coverage of the subject and surrounding properties, the data gap is not significant and does not change the finding and conclusions of this report.

7.0 FINDINGS, CONCLUSIONS, & RECOMMENDATIONS

Findings

Terraquest has performed a Phase I Environmental Site Assessment of the West End Community Center, Inc. located at 705 Kent St. in Durham, Durham County, NC in conformance with the scope and limitations of ASTM Practice E 1527-05. The West End property is currently improved with 3,695 square-foot commercial building.

Based upon the results of the site reconnaissance, records review, historical information review, and interviews performed with the property owner/tenant, two governmental officials and DSCA contractor, the subject property was a vacant lot dating back to 1913, followed by a single-family residence until the construction of the current commercial building in 1979. Since its construction, the commercial building has been occupied by a law firm until the late 1990's and the West End Community Center.

Terraquest has identified the followings RECs:

- The New Method Laundry and Dry Cleaners DSCA release incident (DSCA Incident # 32-0019) on the adjacent 1121 W. Chapel Hill St. property that has impacted soil and groundwater with chlorinated solvents beneath that property. Analytical results of soil and groundwater samples collected on the West End property also indicate the chlorinated solvent release has impacted the West End property. Soil-gas samples collected immediately adjacent to the West End building also indicate the presence of PCE vapor concentrations in the soils that exceed NCDWM Screening Levels. An indoor air sample collected from the within the West End building revealed PCE vapor concentrations, but not above the NCDWM Screening Levels.
- The West Chapel Hill Street BP LUST incident (NCDWM-UST Incident #26241) on the 1118 W. Chapel Hill St. property to the north across W. Chapel Hill St. The release incident has

an established responsible party (M.M. Fowler, Inc.) and is currently active as an "Intermediate" risk. Assessments performed to date have determined the gasoline contaminant plume originates from a former UST system located on the 1118 W. Chapel Hill St. property. Soil contamination remains in situ on the source property, and a dissolved-phase groundwater contaminant plume has been assessed to extend to the northwest away from the West End property. Free-phase product in the form of gasoline has been discovered in one monitoring well on the 1118 W. Chapel Hill St. property. The analysis of groundwater samples collected on the 1117 W. Chapel Hill St. property to the northeast do not indicate the presence of petroleum contamination above the 2L Standards.

- The former Pure Oil Service Station UST System located at 1200 W. Chapel Hill St. During the site visit, Terraquest noted the presence of potentially five USTs located on the 1200 W. Chapel Hill St. property. According to the city directory review, the 1200 W. Chapel Hill St. property operated as a gas station in the late 1950's and early 1960's. The USTs are not registered with the NCDWM-UST Section and no release incident has been reported for the UST system. Terraquest performed a Phase I and II ESA of the property in 2007 and soil contamination above the NCDWM-UST Action Limits was found indicating the UST system has leaked.
- The University Market temporarily closed LUST site and active UST system located 1008 W. Chapel Hill St. (NCDWM-UST Incident #39049). The release incident from the temporarily closed UST system has been closed out. The active UST system is in compliance with the current NCDWM UST regulations according to the NCDWM-UST Permits and Inspection Branch.

Conclusions

Terraquest believes the New Method Laundry & Dry Cleaners REC to be an REC of concern given the severity and extent of the release on the 1201 W. Chapel Hill St. property and the West End property. Future development of the West End property (i.e. institutional/engineering controls or cleanup) could be hindered by the presence of the chlorinated solvents on the West End property.

The West Chapel Hill St. BP REC is not an REC worthy of additional investigation given 1) results of groundwater samples collected on a nearby property to the northeast have no contaminant concentrations above the 2L Standards, and therefore; impact to the West End property is unlikely; 2) the dissolved-phase contaminant plume appears to be migrating the north-northwest; 3) the free-phase product is contained to the source property; and 4) a responsible party for cleanup of the release incident has been established and assessment and cleanup efforts are on-going.

The former Pure Oil Service Station REC is not an REC worthy of additional investigation given: 1) the primarily lateral location of the UST system and in situ soil contamination. A groundwater contaminant plume is unlikely to migrate onto the subject property given the historic groundwater

flow directions established at the West Chapel Hill St. BP and the New Method Laundry & Dry Cleaners.

The University Market REC is not an REC worthy of additional investigation given the release incident associated with the temporarily closed USTs has been closed out by the NCDWM-UST and the current UST system meets the regulatory requirements of the NCDWM-UST as of the completion of this report.

Recommendations

Due to presence of chlorinated solvents on the adjacent 1201 W. Chapel Hill St. property and the West End property, Terraquest recommends a Brownfields Agreement be completed for the West End property to provide a covenant-not-to-sue from the state and federal regulatory agencies prior to purchasing the property. Furthermore, a dialogue with the NCDWM DSCA program should be maintained to monitor and verify ongoing assessment, cleanup, and closure of the incident due to the presence of PCE contamination on the West End property.

REFERENCES

- FEMA Flood Insurance Rate Map (FIRM) Community-Panel Number 3700860821K dated August 2, 2007
- First Search Report, West End Community Center, Inc. Properties, 705 Kent St., Durham, Durham, County, NC.
- Historical Aerial Photographs, Durham County GIS Department, Durham, NC, 1964, 1971, 1980, 1988, 1994, 1999, 2005, and 2010 & Durham County Agricultural Extension Service 1959, 1966, 1972, and 1978.
- Morton, Jody, Assistant Fire Marshall, City of Durham Fire Department, Telephone Interview, July 30, 2012.
- McNeil, Subject Property Owner Site Visit Interview, June 22, 2012.
- Randolph, Wayne, NCDWM-UST-Raleigh Regional Office, Telephone Interview, December 16, 2009.
- Thomas, Dianne, NCDWM-DCSA Section, Telephone Interview, July 20, 2012.
- Sanborn Map Search, NC Live.org Genealogy & Historic Map website, North Carolina Sanborn Map Collection.
- Slusher, Carlin, URS Corporation-DSCA Contractor, Telephone Interview, May 23, 2012.
- City of Durham City Directories 1923, 1933, 1940, 1947, 1952, 1958, 1963, 1967, 1972, 1977, 1982, 1987, 1992, 1997, 2002, 2007, and 2012, Durham County Library.
- US Fish and Wildlife Service, National Wetlands Inventory Online Mapper, 1119 & 1121 W. Chapel Hill St.
- USGS 7.5-Minute Quadrangle Topographic Maps, Southwest and Northwest Durham, NC.

FIGURES

FIGURE NO. 1



SUBJECT PROPERTIES OUTLINED IN RED



SITE LAYOUT MAP			
WEST END COMMUNITY CENTER, INC. PROPERTY			
705 KENT STREET			
DURHAM, DURHAM COUNTY, NC			
SELF-HELP VENTURES, INC.			DURHAM, NC
PROJECT NO.	03112	DRAWN BY:	JRG
DATE:	7/16/12	CHECKED BY:	MJB
SCALE:	1" = 100'	FIGURE NO.	2

APPENDIX A



USER QUESTIONNAIRE

Site Name: **West End Community Center Property (Durham Co. PIN 0821-06-47-3524)**

Site Address: **705 Kent St., Durham, NC**

In order to qualify for one of the Landowner Liability Protections (LLP) offered by the Small Business Liability Relief and Brownfields Revitalization Action of 2001 (the Brownfields Amendments), **Self-Help Ventures, Inc.** (users) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Please use this form and if needed additional sheets as necessary to provide the requested information. Thank you for cooperation.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25)
2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? (40 CFR 312.26)
3. As the user of the Environmental Site Assessment (ESA) do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? (40 CFR 312.28)
4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)
5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify the conditions indicative of releases or threatened releases? (40 CFR 312.30)
For example, as user
 - a) Do you know the past uses of the property?
 - b) Do you know of specific chemicals that are present or once were present at the property?

June 5, 2012

USER QUESTIONNAIRE ANSWER SHEET

705 Kent Street

Owners: West End Center (Non-Profit)

1. Yes we have confirmed that the property is contaminated with Chlorinated Solvents from the property next door. URS is preparing to start delineating soil contamination near the underground storage tank (UST) at the back end of 1201 West Chapel Hill Street
2. Nothing other than the contamination coming from 1201 WCH Street
3. Lot # 705 Kent Street is adjacent to a property 1201 West Chapel Hill Street that we have identified as having contaminated soils containing Chlorinated Solvents and Heating Oil. Property 705 Kent Street was a residential property prior to 1978 when the existing residential structure was demolished and a law firm built an office building. Facility operated as a law firm until building was sold in the late 90's and was converted into its existing use, the home for the non-profit West End Center. URS recently completed collecting indoor air samples from this facility along with samples from 1121 WCH, West End Center and 1201 WCH Street the Ark of Safety. All results came back negative. Four monitoring wells have been installed close by the source of the contamination on lot 1201 WCH Street. One well on the main site, one on lot 1117 WCH, one on lot 709 Kent Street and one across the street at 706 Kent Street.
4. Purchase price was in line with the fair market. I am fairly confident that the owners are not aware of any contamination, other than what has already been identified.
5. A. Pass use of the facility, prior to 1978 residential, 1980 until mid-90's commercial office facility, currently the West End Community Center.
B. No knowledge
C. No knowledge
D. No knowledge
6. No knowledge
7. No other information



USER QUESTIONNAIRE

- c) Do you of spills or other chemical releases that have taken place at the property?
- d) Do you know of any environmental cleanups that have taken place at the property?
6. As the user of the ESA, based on you knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? (40 CFR 312. 31)
7. Are any of the following documents available for the property and if so can they be provided to TerraQuest Environmental Consultants, P.C. within reasonable time and cost constraints?
- Previous site assessment reports
 - Environmental Compliance audit reports
 - Environmental permits including solid waste, hazardous waste, wastewater, NPDES, underground injection permits
 - UST or AST registrations or permits
 - Underground injection system registrations
 - Material safety data sheets (MSDS)
 - Community right-to-know plans
 - Safety Plans
 - Spill Prevention Control and Countermeasure Plans
 - Hydrogeologic reports on the property or surrounding properties
 - Correspondence from governmental agencies regarding past or current violations of environmental laws with respect to the property or relating to environmental liens
 - Hazardous waste generator notices or reports
 - Geotechnical reports
 - Risk assessments
 - Recorded legal or physical restrictions or limitations on the use of or access to the property

Comments:

Name and Title: John E. C. J. V.P. Date: 6/5/12

Company Name: Self-Help, Inc.

APPENDIX B

BOOK 2715 PAGE 750

DURHAM COUNTY

SEP 29, 99

MANUAL PACKAGE AMOUNT 329.00

Real Estate
Excise Tax

FILED

BOOK 2715 PAGE 750-751

39 SEP 29 PM 4 33

WILLIE L. COVINGTON
REGISTER OF DEEDS
DURHAM COUNTY, N.C.

Excise Tax

1329.00

Recording Time, Book and Page

Tax Lot No. Parcel Identifier No.
 Verified by County on the day of
 by

Mail after recording to Grantee, 1309 Jackson St., Durham, NC 27701

This instrument was prepared by C. Thomas Biggs, Attorney at Law

Brief description for the Index

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 29th day of September, 1999, by and between

GRANTOR

GRANTEE

CLARENCE C. MALONE, JR. (Widower)

WEST END COMMUNITY CENTER, INC.

Enter in appropriate block for each party; name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of Durham, City Township,

Durham County, North Carolina and more particularly described as follows:

BEGINNING at a stake on the east side of Chapel Hill Street (now Kent Street), said point of beginning being the northwest corner of Lot #1 of Dempsey Herndon Lands as shown in Plat Book 2 at Page 92, Durham County Registry, and running thence South 75° 30' 30" East 152.97 feet to a point; thence South 08° 12' 33" East 14.84 feet to a stake; thence South 15° 19' 27" West 64.31 feet to a stake; thence North 76° 38' 01" West 168.32 feet to a point on the east side of Chapel Hill Street (now Kent Street); thence along and with the east side of Chapel Hill Street (now Kent Street) in a general northerly direction, along a curve having a radius of 176.91 feet, a distance of 82.73 feet to a stake, the point of BEGINNING, containing 13,243 square feet and being the property of West End Community Center, Inc. as surveyed by Autry Land Surveying, dated September 24, 1999, being that same property described in Book 996 at Page 284, Durham County Registry, to which plat and deed reference is hereby made for a more particular description of same. See also Plat Book 2 at Page 92, Durham County Registry.

42639

1500

BOOK 2715 PAGE 751

The property hereinabove described was acquired by Grantor by instrument recorded in
 Book 996 at Page 284, Durham County Registry.

A map showing the above described property is recorded in Plat Book 2 page 92.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Title to the property hereinabove described is subject to the following exceptions:

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

.....
 (Corporate Name)

By:

.....President

ATTEST:

.....Secretary (Corporate Seal)

USE BLACK INK ONLY

Clarence C. Malone, Jr. (SEAL)
 Clarence C. Malone, Jr.

.....(SEAL)

.....(SEAL)

.....(SEAL)



NORTH CAROLINA, Durham County.

I, a Notary Public of the County and State aforesaid, certify that CLARENCE C. MALONE, JR.
 Grantor,
 personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my
 hand and official stamp or seal, this 29th day of September 1999

My commission expires: March 13, 2000 Paula L. Mann Notary Public

SEAL-STAMP

NORTH CAROLINA, County.

I, a Notary Public of the County and State aforesaid, certify that
 personally came before me this day and acknowledged that he is Secretary of
 a North Carolina corporation, and that by authority duly
 given and as the act of the corporation, the foregoing instrument was signed in its name by its
 President, sealed with its corporate seal and attested by as its Secretary.
 Witness my hand and official stamp or seal, this day of

My commission expires: Notary Public

The foregoing Certificate(s) of P:

State of North Carolina - Durham County

County, NC

The foregoing or annexed certificate(s) of

Paula L. Mann

is/are certified to be correct. This instru

A Notary (Notaries) Public for the Designated Governmental
 units is/are certified to be correct.

Use and in the Book and Page shown on the

WILLIE L. COVINGTON

DURHAM

COUNTY

By

This the 29 day of Sept. A.D. 1999

Deeds

WILLIE L. COVINGTON

Monica L. Miller

Register of Deeds

By: Assistant/Deputy
 Register of Deeds

APPENDIX C

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

705 KENT ST

DURHAM NC 27701

Job Number: 03112

PREPARED FOR:

Terra Quest Environmental Consultants

100 E. Ruffin Street

Mebane, NC 27302

08-07-12



Tel: (407) 265-8900

Fax: (407) 265-8904

Environmental FirstSearch Search Summary Report

Target Site: 705 KENT ST
DURHAM NC 27701

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	07-09-12	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	07-09-12	0.50	0	0	0	0	-	0	0
CERCLIS	Y	06-07-12	0.50	0	0	0	0	-	0	0
NFRAP	Y	06-07-12	0.50	0	0	0	3	-	1	4
RCRA COR ACT	Y	05-09-12	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	05-09-12	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	05-09-12	0.25	0	0	0	-	-	4	4
Federal IC / EC	Y	07-15-12	0.50	0	0	0	0	-	38	38
ERNS	Y	07-05-12	0.25	0	0	0	-	-	70	70
Tribal Lands	Y	12-15-08	1.00	0	0	0	0	0	3	3
State/Tribal Sites	Y	06-08-12	1.00	0	0	0	2	6	8	16
State Spills 90	Y	06-01-12	0.25	0	2	4	-	-	31	37
State/Tribal SWL	Y	05-26-11	0.50	0	0	0	0	-	7	7
State/Tribal LUST	Y	06-01-12	0.50	0	3	4	36	-	49	92
State/Tribal UST/AST	Y	06-01-12	0.25	0	2	3	-	-	17	22
State/Tribal EC	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	06-08-12	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	07-30-07	0.50	0	0	0	1	-	0	1
State/Tribal Brownfields	Y	09-30-10	0.50	0	0	0	0	-	2	2
State Other	Y	06-24-10	0.25	0	0	0	-	-	0	0
- TOTALS -				0	7	11	42	6	230	296

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 08-07-12
Requestor Name: Jonathan Grubbs
Standard: AAI

Search Type: COORD
Job Number: 03112

Target Site: 705 KENT ST
DURHAM NC 27701

Demographics

Sites: 296	Non-Geocoded: 230	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-78.917333	-78:55:2	Easting:	687731.875
Latitude:	35.996329	35:59:47	Northing:	3985346.665
Elevation:	417		Zone:	17

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

ZIP Code	City Name	ST	Dist/Dir	Sel
27705	DURHAM	NC	0.28 NW	Y
27707	DURHAM	NC	0.31 SW	Y

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch Sites Summary Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	SPILLS	WEST CHAPEL HILL STREET BP 26241	1118 W CHAPEL HILL ST DURHAM NC 27701	0.06 NE	+ 13	1
1	UST	CHAPEL HILL STREET BP 170 0-016393/PERM CLOSED REMOVED	1118 W CHAPEL HILL ST DURHAM NC 27701	0.06 NE	+ 13	2
1	LUST	WEST CHAPEL HILL STREET BP NCI-026241	1118 W CHAPEL HILL ST DURHAM NC 27701	0.06 NE	+ 13	7
2	UST	UNIVERSITY MARKET 0-034136/CURRENTLY OPERATIONA	1108 W CHAPEL HILL ST DURHAM NC 27701	0.08 NE	+ 15	9
2	LUST	UNIVERSITY MARKET NCI-039049/CURRENT RECORD	1108 W CHAPEL HILL ST DURHAM NC 27701	0.08 NE	+ 15	16
3	SPILLS	BURTONS AUTO CLINIC 3285/CURRENT RECORD	1105 W CHAPEL HILL ST DURHAM NC 27701	0.08 NE	+ 13	18
3	LUST	BURTONS AUTO CLINIC NCI-003285/CLOSED OUT	1105 W CHAPEL HILL ST DURHAM NC 27701	0.08 NE	+ 13	19
4	SPILLS	POLLARDS EXXON (FORMER) 26367	906 W CHAPEL HILL ST DURHAM NC 27701	0.17 NE	+ 11	20
4	LUST	EXXON - POLLARDS NCI-005882/CLOSED OUT	906 WEST CHAPEL HILL ST DURHAM NC 27701	0.17 NE	+ 11	21
4	UST	POLLARD S SERVICE STATION 0-026824/PERM CLOSED REMOVED	W CHAPEL HILL and BUCKANAN DURHAM NC 27701	0.17 NE	+ 11	23
4	LUST	POLLARDS EXXON (FORMER) NCI-026367	906 WEST CHAPEL HILL ST Durham NC 27701	0.17 NE	+ 11	28
4	SPILLS	EXXON - POLLARDS 5882/CLOSED OUT	906 W CHAPEL HILL ST DURHAM NC 27701	0.17 NE	+ 11	29
5	LUST	IMMACULATE CONCEPTION CHURCH NCI-024205/RESPONSE	810 W CHAPEL HILL ST DURHAM NC 27701	0.19 NE	+ 5	31
5	LUST	CHURCH OF THE IMMACULATE CONCE NCI-012883/RESPONSE	810 W CHAPEL HILL ST DURHAM NC 27701	0.19 NE	+ 5	33
5	SPILLS	IMMACULATE CONCEPTION CHURCH 24205/RESPONSE	810 W CHAPEL HILL ST DURHAM NC 27701	0.19 NE	+ 5	35
5	UST	IMMACULATE CONCEPTION CHURCH RA-4058/UNKNOWN	810 W CHAPEL HILL ST DURHAM NC 27701	0.19 NE	+ 5	37
5	SPILLS	CHURCH OF THE IMMACULATE CONCE 12883/RESPONSE	810 W CHAPEL HILL ST DURHAM NC 27701	0.19 NE	+ 5	39
5	UST	CHURCH OF THE IMMACULATE CONCE RA-2120/UNKNOWN	810 W CHAPEL HILL ST DURHAM NC 27701	0.19 NE	+ 5	41
6	LUST	DUKE - ASIAN/PACIFIC NCI-008346/CLOSED OUT	2111 CAMPUS DR DURHAM NC 27701	0.30 NW	- 56	43
7	LUST	BAILEY S 66 NCI-010299/CLOSED OUT	617 WEST CHAPEL HILL ST DURHAM NC 27701	0.32 NE	- 3	45
8	LUST	SLAUGHTER PROPERTY (LINDA 1) NCI-033348/CURRENT RECORD	810 VICKERS AVE DURHAM NC 27701	0.35 SE	- 20	47

Environmental FirstSearch Sites Summary Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
8	LUST	SLAUGHTER PROPERTY (LINDA) NCI-033343/CURRENT RECORD	810 VICKERS AVE DURHAM NC 27701	0.35 SE	- 20	49
9	LUST	SLAUGHTER PROPERTY (LINDA 2) NCI-033347/CURRENT RECORD	814 VICKERS AVE DURHAM NC 27701	0.35 SE	- 20	50
10	LUST	DUKE - DEVELOPMENT SITE NCI-008349/CLOSED OUT	2127 CAMPUS DR DURHAM NC 27701	0.36 NW	- 54	52
11	LUST	DUKE UNIVERSITY CAMPUS TRANSIT NCI-016162/RESPONSE	712 WILKERSON AVE DURHAM NC 27701	0.37 NE	- 17	54
11	LUST	DUKE UNIVERSITY SURPLUS BLDG. NCI-016486/RESPONSE	712 WILKERSON AVE DURHAM NC 27701	0.37 NE	- 17	56
12	LUST	GOPEN RESIDENCE, GEORGE NCI-023584/CLOSED OUT	613 SWIFT AVE DURHAM NC 27701	0.37 NW	- 41	58
12	LUST	GOPEN, GEORGE - RESIDENCE NCI-023830/CLOSED OUT	613 SWIFT AVE DURHAM NC 27701	0.37 NW	- 41	60
13	LUST	DEASON RESIDENCE (BARBARA) NCI-026299/CLOSED OUT	813 VICKERS AVE DURHAM NC 27701	0.37 SE	- 45	62
14	LUST	POU RESIDENCE (CHERYL) NCI-026298/CLOSED OUT	811 VICKERS AVE DURHAM NC 27701	0.38 SE	- 41	64
15	LUST	ROBERGE PROPERTY NCI-039000/CURRENT RECORD	1005 ARNETTE AVE DURHAM NC 27707	0.38 SE	- 38	66
16	LUST	DURHAM CTY SCH/OLD MAINT NCI-006893/CLOSED OUT	923 MAXWELL AVE DURHAM NC 27701	0.39 NE	- 11	68
17	LUST	EDWARDS RESIDENCE NCI-033335/CURRENT RECORD	914 VICKERS AVE DURHAM NC 27701	0.39 SE	- 18	70
18	LUST	ANDY S HANDY MART NCI-013386/CLOSED OUT	601 WEST CHAPEL HILL ST DURHAM NC 27701	0.39 NE	+ 3	72
19	LUST	NICHOLSON, W.H. PROPERTY NCI-016603/RESPONSE	909 VICKERS AVE DURHAM NC 27701	0.40 SE	- 22	74
20	LUST	LOVE, RANDALL RESIDENCE NCI-021896/CLOSED OUT	3 SYLVAN PL DURHAM NC 27701	0.40 NW	- 33	76
21	LUST	DUKE - EYE CENTER NCI-010997/CLOSED OUT	ERWIN RD DURHAM NC 27701	0.42 NE	- 14	78
21	STATE	DUKE UNIVERSITY TRANSFORMER STORAG NCD986171098/NFA	TOWERVIEW and WANNAMAKER DURHAM NC 27701	0.42 NE	- 14	80
21	STATE	DUKE UNIVERSITY NCD000813519/ACTIVE	HIGHWAY 751/GATE 11/RESEARC DURHAM NC 27701	0.42 NE	- 14	81
21	LUST	DUKE - HOSPITAL NORTH NCI-026740	ERWIN RD DURHAM NC 27701	0.42 NE	- 14	82
21	LUST	DUKE MEDICAL CENTER-HELICOPTER PAD NCI-026750	ERWIN RD DURHAM NC 27701	0.42 NE	- 14	84

Environmental FirstSearch Sites Summary Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 GEOCODED: 66 NON GEOCODED: 230 SELECTED: 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
21	NFRAP	DUKE UNIVERSITY TRANSFORMER STORAG NCD986171098/NFRAP-N	TOWERVIEW RD DURHAM NC 27701	0.42 NE	- 14	86
21	LUST	DURHAM CO HOSPITAL PHYSICAL PL NCI-019756/CLOSED OUT	ERWIN RD DURHAM NC 27701	0.42 NE	- 14	87
21	VCP	DUKE UNIVERSITY VC-NCD000813519/VOLUNTARY CLEANUP	HIGHWAY 751 GATE 11 DURHAM NC 27701	0.42 NE	- 14	89
21	NFRAP	DUKE UNIVERSITY NCD000813519/NFRAP-N	DUKE UNIVERSITY RD DURHAM NC 27701	0.42 NE	- 14	90
22	LUST	BALL RESIDENCE, DAVID NCI-026606/CLOSED OUT	901 VICKERS AVE DURHAM NC 27701	0.42 SE	- 25	91
23	LUST	LIGGETT GROUP NCI-016170/RESPONSE	114 S BUCHANAN BLVD DURHAM NC 27701	0.43 NE	- 16	93
23	NFRAP	LIGGETT and MYERS TOBACCO CO NCD097724009/NFRAP-N	WEST MAIN ST DURHAM NC 27701	0.43 NE	- 16	94
24	LUST	DUKE - ACCOUNTING NCI-008345/CLOSED OUT	406 SWIFT AVE DURHAM NC 27705	0.46 NW	- 14	95
25	LUST	DUKE - PLANT ACCOUNTING NCI-026158	408 SWIFT AVE DURHAM NC 27705	0.46 NW	- 16	97
26	LUST	DURHAM LAUNDRY NCI-005359/CLOSED OUT	0 WEST GRESSON and PEABODY DURHAM NC 27701	0.46 NE	- 21	99
27	LUST	HALL WYNNE FUNERAL HOME NCI-033678/CURRENT RECORD	1113 W MAIN ST DURHAM NC 27701	0.46 NE	- 21	101
28	LUST	MAY, CLAUDE FACILITY NCI-014671/RESPONSE	1101 W MAIN ST DURHAM NC 27701	0.47 NE	- 25	103
29	LUST	DURHAM POLICE DEPT HQ NCI-033004/CLOSED OUT	505 W CHAPEL HILL ST DURHAM NC 27701	0.48 NE	+ 3	105
29	LUST	WEBB DURHAM VENTURE/DURHAM POL NCI-006084/RESPONSE	505 W CHAPEL HILL ST DURHAM NC 27701	0.48 NE	+ 3	107
30	LUST	BLUE CROSS/BLUE SHIELD-VICKERS NCI-010576/CLOSED OUT	1007 VICKERS ST DURHAM NC 27707	0.48 SE	- 26	109
31	LUST	BRAHE SPECIALTY CO.-MAIN ST. NCI-007139/CLOSED OUT	1110 W MAIN ST DURHAM NC 27701	0.49 NE	- 23	111
31	LUST	MCPHERSON HOSPITAL(NCNEEH) NCI-006708/CLOSED OUT	1110 W MAIN ST DURHAM NC 27701	0.49 NE	- 23	113
32	LUST	TOPS 12 / BRAHE SPECIALTY NCI-003561/CLOSED OUT	1016 W MAIN ST DURHAM NC 27701	0.50 NE	- 30	115
32	LUST	TRINITY PARK FAMILY FARE 432 NCI-033581/CURRENT RECORD	1016 W MAIN ST DURHAM NC 27701	0.50 NE	- 30	117
33	STATE	BRIGHTLEAF SQUARE NONCD0001382/ACTIVE	800 WEST BLOCK MAIN ST DURHAM NC 27701	0.53 NE	- 32	119

***Environmental FirstSearch
Sites Summary Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
34	STATE	USA RESERVE XVIII AIRBORNE CORPS NC4210021891/NFA	1228 CARROLL ST DURHAM NC 27707	0.54 SE	- 70	120
35	STATE	EAKES CLEANERS INC NONCD0001653/ACTIVE	827 W MORGAN ST DURHAM NC 27701	0.55 NE	- 38	121
35	STATE	EAKES CLEANERS (FORMER) NONCD0001192/ACTIVE	827 W MORGAN ST DURHAM NC 27701	0.55 NE	- 38	122
36	STATE	LIGGETT AND MYERS COMPANY NCD097724009/NFA	700 WEST MAIN/114 BUCHANON DURHAM NC 27701	0.61 NE	- 21	123
37	STATE	DURHAM PUBLIC SERVICE CO PROP (FOR NONCD0002858/ACTIVE	309 BLACKWELL ST DURHAM NC 27701	0.81 SE	- 36	124

Environmental FirstSearch Sites Summary Report

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	ERNS	RALEIGH-DURHAM AIRPORT NRC-593943/AIRCRAFT	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	RAIL YARD, MILEPOST: H56.8 NRC-908072/RAILROAD	RAIL YARD, MILEPOST: H56.8 DURHAM NC	NON GC	N/A	N/A
	ERNS	RESIDENTIAL AREA NRC-641856/FIXED	3124 PINAFORE DR DURHAM NC	NON GC	N/A	N/A
	ERNS	RAIL YARD NRC-784173/RAILROAD	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	RAIL PROPERTY/ MP: H55.1 NRC-724741/FIXED	N. RAMSURE ST and S. MANGUM DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	PIEDMONT ELECTRIC CORP. 226044/FIXED FACILITY	TRAYBURN PKY DURHAM NC	NON GC	N/A	N/A
	ERNS	ON THE SOUTH SIDE OF MAIN STREET A NRC-793330/MOBILE	BETWEEN BUCHANON SWIFT AVE DURHAM NC	NON GC	N/A	N/A
	ERNS	ON ROXBORO ROAD ON TO DENFIELD ROA NRC-1006604/FIXED	ON ROXBORO ROAD ON TO DENFI DURHAM NC	NON GC	N/A	N/A
	ERNS	ON A MAIN LINE NRC-956583/RAILROAD NON-RELEASE	ON A MAIN LINE DURHAM NC	NON GC	N/A	N/A
	ERNS	MORRENE DRIVE AT MORRENE MANOR A NRC-631376/FIXED	 DURHAM NC	NON GC	N/A	N/A
	ERNS	MILEPOST SFE 14.5 NRC-935744/RAILROAD	MILEPOST SFE 14.5 DURHAM NC	NON GC	N/A	N/A
	ERNS	MILEPOST H57.3, MAIN LINE NRC-844622/RAILROAD	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	MILEPOST H56.4 NONE NRC-985627/RAILROAD	MILEPOST H564 NONE DURHAM NC	NON GC	N/A	N/A
	ERNS	MILEPOST H55 NRC-717267/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	MILEPOST H53.7, PIEDMONT SUBDIVISI NRC-835355/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	MILEPOST 55.0 NRC-1008799/RAILROAD NON-RELEASE	MILEPOST 550 DURHAM NC	NON GC	N/A	N/A
	ERNS	MILE: H57 SUB: PIEDMONT NRC-965347/RAILROAD	MILE: H57 SUB: PIEDMONT DURHAM NC	NON GC	N/A	N/A
	ERNS	PRIVATE ROAD 4313 ROCKY CREEK DRIV NRC-956884/MOBILE	4313 ROCKY CREEK DR DURHAM NC	NON GC	N/A	N/A
	RCRAGN	AMERICAN TOBACCO - NOELL NC0991302797/LGN	312 PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	GRANITE CONSTRUCTION 92026/CURRENT RECORD	I-85 and CAMDEN AVE DURHAM NC	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

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	SPILLS	HOPE VALLEY COMMONS 92017/CURRENT RECORD	NC HIGHWAY 54 and NC HIGHWA DURHAM NC	NON GC	N/A	N/A
	SPILLS	MAXWELL, SUNNY PROPERTY 87899/CURRENT RECORD	2107 WILSON ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	MULLINAX AND PIKE RESIDENCE 87749/CURRENT RECORD	921 MANGUM ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	FORMER TIRE KING 92206/CURRENT RECORD	502 RIGSBEE AVE DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	FAYETTEVILLE ST EXT DURH. 9054/RESPONSE	NOT SHOWN DURHAM NC	NON GC	N/A	N/A
	SPILLS	NC DOT SR 1126 AND 15/501 86658/CURRENT RECORD	SR 1126 AND US 15/501 DURHAM NC	NON GC	N/A	N/A
	FED IC / EC	DCM 603 NORTH MANGUM ST 141021/EPA BROWNFIELD	603 N MANGUM ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	AMERICAN TOBACCO 87435/CURRENT RECORD	BLACKWELL AND PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	STATE	DURHAM AUDITORIUM NONCD0001648/ACTIVE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	SPILLS	5807 LAKE ELTON ROAD 92060/CURRENT RECORD	5807 LAKE ELTON RD DURHAM NC	NON GC	N/A	N/A
	ERNS	ST. MARY S ROAD AND NEAREST CROSS NRC-818089/PIPELINE	DURHAM NC	NON GC	N/A	N/A
	ERNS	MILE POST HO57.57 ELLIS ROAD NRC-925755/RAILROAD NON-RELEASE	MILE POST HO57.57 ELLIS RD DURHAM NC	NON GC	N/A	N/A
	STATE	HAWKINS AUTO CARE NONCD0001829/ACTIVE	120 US 15-501 DURHAM NC 27705	NON GC	N/A	N/A
	STATE	DUKE MEDICAL CENTER (BELL BUILDING NONCD0001639/ACTIVE	TRENT DR DURHAM NC 27705	NON GC	N/A	N/A
	STATE	BLUE CROSS BLUE SHIELD (DURHAM SER NONCD0001356/ACTIVE	HIGHWAY 15-501 DURHAM NC 27705	NON GC	N/A	N/A
	STATE	TRIANGLE FURNITURE STRIPPING NONCD0002627/ACTIVE	NC 751 and NC DURHAM NC	NON GC	N/A	N/A
	SPILLS	GLAXO WELLCOME SOUTH BUILDING 85976/CURRENT RECORD	MOORE DR DURHAM NC 27701	NON GC	N/A	N/A
	STATE	G.E. DURHAM NONCD0001743/ACTIVE	OLD RALEIGH RD DURHAM NC	NON GC	N/A	N/A
	STATE	WAND, JOSEPH PROPERTY NONCD0002693/ACTIVE	2501 ENGLEWOOD DR DURHAM NC 27705	NON GC	N/A	N/A
	STATE	BURLINGTON INDUSTRIES (FORMER) NONCD0001404/ACTIVE	WEST MAIN ST DURHAM NC 27701	NON GC	N/A	N/A

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	ABBATE, ANGELO -PROPERTY 92258/CURRENT RECORD	209 W MARKHAM AVE DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1308 MORVEN PL. 140991/EPA BROWNFIELD	1308 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUM STREET PROPERTY 96501/EPA BROWNFIELD	311 PLUM ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 109463/EPA BROWNFIELD	ANGIER AVE DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	O SHEA, DARYN-PROPERTY 92275/CURRENT RECORD	509 EVERETT PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1302 ANGIER AVE 140982/EPA BROWNFIELD	1302 ANGIER AVE DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	OVY TRUCKING SPILL 92207/CURRENT RECORD	I-85 MILE MARKER 182 DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1303 MORVEN PL. 140984/EPA BROWNFIELD	1303 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1304 MORVEN PL. 140993/EPA BROWNFIELD	1304 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	RCRAGN	SBER LUCKY STRIKE, LLC NC0991302796/SGN	310 PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1306 MORVEN PL. 140992/EPA BROWNFIELD	1306 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	DCM 605 NORTH MANGUM ST 141022/EPA BROWNFIELD	605 N MANGUM ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1309 MORVEN PL. 140986/EPA BROWNFIELD	1309 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1310 MORVEN PL. 140990/EPA BROWNFIELD	1310 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1311 MORVEN PL. 140987/EPA BROWNFIELD	1311 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 1314 MORVEN PL 140989/EPA BROWNFIELD	1314 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 204 S. BLACKNAL 140988/EPA BROWNFIELD	204 S BLACKNALL ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 207 S. HOLMAN S 140983/EPA BROWNFIELD	207 S HOLMAN ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 209 S. HOLMAN S 140994/EPA BROWNFIELD	209 S HOLMAN ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	PLUMMER PROPERTIES 211 S. HOLMAN S 140995/EPA BROWNFIELD	211 S HOLMAN ST DURHAM NC 27701	NON GC	N/A	N/A

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Sites Summary Report

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	FED IC / EC	PLUMMER PROPERTIES 1305 MORVEN PL. 140985/EPA BROWNFIELD	1305 MORVEN PL DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	BETWEEN DURHAM AND EFLAND, NC (ON NRC-921091/RAILROAD	BETWEEN DURHAM and EFLAND, DURHAM NC	NON GC	N/A	N/A
	ERNS	MILE POST 57.5 GRADE CROSSING NRC-870794/RAILROAD NON-RELEASE	MILE POST 57.5 GRADE CROSSI DURHAM NC	NON GC	N/A	N/A
	ERNS	HIGHWAY 98 7 NORTH MINERAL SPRINGS NRC-935401/FIXED	HIGHWAY 98 7 NORTH MINERAL DURHAM NC	NON GC	N/A	N/A
	ERNS	H56.7 MILEPOST NRC-902672/RAILROAD	H56.7 MILEPOST DURHAM NC	NON GC	N/A	N/A
	ERNS	ELLIS ROAD NRC-925728/RAILROAD NON-RELEASE	ELLIS RD DURHAM NC	NON GC	N/A	N/A
	ERNS	DUKE UNIVERSITY FRENCH SCIENCE BUI NRC-992724/MOBILE	124 SCIENCE DR DURHAM NC	NON GC	N/A	N/A
	ERNS	DILLARD STREET NRC-883226/RAILROAD NON-RELEASE	DILLARD ST DURHAM NC	NON GC	N/A	N/A
	ERNS	CONSTRUCTION SITE 2051 NORTHERN DU NRC-891558/MOBILE	2051 DURHAM FWY DURHAM NC	NON GC	N/A	N/A
	ERNS	COLONIAL PIPELINE 510629/PIPELINE RELATED	140 / .25 MI NORTH OF EXIT DURHAM NC	NON GC	N/A	N/A
	FED IC / EC	DURHAM CENTRAL MARKET 125721/EPA BROWNFIELD	HUNT, NORTH MANGUM, and BRO DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	CALLER STATED THIS IS 5 MILES EAST NRC-881067/RAILROAD NON-RELEASE	CALLER STATED THIS IS 5 MIL DURHAM NC	NON GC	N/A	N/A
	FED IC / EC	DCM 607 NORTH MANGUM ST 141023/EPA BROWNFIELD	607 N MANGUM ST DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	AVERETTE EXPRESS 538297/HIGHWAY RELATED	I-40 MILE MARKER 262 DURHAM NC	NON GC	N/A	N/A
	ERNS	AMTRACK TRAIN STATION BY LOCATION NRC-880670/RAILROAD	AMTRACK TRAIN STATION BY LO DURHAM NC	NON GC	N/A	N/A
	ERNS	710 SOUTH LA SALLE ST NRC-1007437/FIXED	710 S LASALLE ST DURHAM NC	NON GC	N/A	N/A
	ERNS	3 MILES EAST OF DURHAM , NC NRC-733726/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	RCRAGN	DURHAM ARTS COUNCIL NCP011212002/SGN	120 MORRIS ST DURHAM NC 27701	NON GC	N/A	N/A
	RCRAGN	AMERICAN TOBACCO - HILL NC0991302798/LGN	210 PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	NFRAP	USCOE MERCURY NCN000407359/NFRAP-N	UNKNOWN DURHAM NC	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

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DURHAM NC 27701

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	ERNS	MILE POST H55.9 NRC-890153/RAILROAD NON-RELEASE	MILE POST H55.9 DURHAM NC	NON GC	N/A	N/A
	ERNS	COLONIAL PIPELINE 507911/UNKNOWN	140 / .25 MI NORTH OF EXIT DURHAM NC	NON GC	N/A	N/A
	LUST	DUKE FOREST MOBILE HOME PARK NCI-010599/CLOSED OUT	0 OLD NC 10 and HWY DURHAM NC 27705	NON GC	N/A	N/A
	UST	SMITH ESTATE RA-6739/UNKNOWN	1207 HORTON RD DURHAM NC 27701	NON GC	N/A	N/A
	UST	SOUTHERN SEASON S RA-4380/UNKNOWN	RAMSEUR and HOOD DURHAM NC 27701	NON GC	N/A	N/A
	UST	STARLING ENTERPRISES RA-4340/UNKNOWN	ALSTON and WORTH ST DURHAM NC 27701	NON GC	N/A	N/A
	UST	WINNER and POSTEMA PROPERTY RA-7001/UNKNOWN	1005 GLORIA AVE DURHAM NC 27701	NON GC	N/A	N/A
	LUST	BROADWAY, MIKAEL PROPERTY NCI-039083/CURRENT RECORD	900 DEMERIUS ST DURHAM NC 27701	NON GC	N/A	N/A
	LUST	DUKE CANCER CENTER NCI-033809/CURRENT RECORD	TRENT DR DURHAM NC 27701	NON GC	N/A	N/A
	LUST	MITCHELL PROPERTY (MITCHELL) NCI-039116/CURRENT RECORD	2606 NEWPORT DR DURHAM NC 27705	NON GC	N/A	N/A
	LUST	DURHAM TRANS. STN. SITE NCI-026954/CLOSED OUT	WEST PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	UST	NCNB NATIONAL BANK (WYLANTA HOLT) RA-4366/UNKNOWN	UNKNOWN DURHAM NC 27701	NON GC	N/A	N/A
	LUST	DUKE WEST CAMPUS MAINTENANCE BLDG NCI-024023/RESPONSE	SERVICE DR DURHAM NC 27705	NON GC	N/A	N/A
	LUST	ENO FAMILY FARE BP NCI-039066/CURRENT RECORD	5292 ROXBORO RD DURHAM NC 27705	NON GC	N/A	N/A
	LUST	FLETCHERS GULF NCI-033795/CURRENT RECORD	624 FOSTER ST DURHAM NC 27705	NON GC	N/A	N/A
	LUST	GREGORY TRUST PROPERTY (ROSE) NCI-039098/CURRENT RECORD	1731 ARROWHEAD DR DURHAM NC 27705	NON GC	N/A	N/A
	LUST	IGOU PROPERTY (RICHARD) NCI-039105/CURRENT RECORD	1405 WELCOME CIR DURHAM NC 27705	NON GC	N/A	N/A
	LUST	KERLEY PROPERTY NCI-033945/CURRENT RECORD	2808 SPARGER RD DURHAM NC 27705	NON GC	N/A	N/A
	SPILLS	DILLON, MAURA PROPERTY 87971/CURRENT RECORD	604 GATTIS ST DURHAM NC 27701	NON GC	N/A	N/A
	LUST	DURHAM LOT NORFOLK SOUTHERN RC NCI-026629/CLOSED OUT	LIBERTY AND RAILROAD ST DURHAM NC 27701	NON GC	N/A	N/A

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	SPILLS	WEAVER, RACHEL HOCKADAY - PROPERTY 92159/CURRENT RECORD	2703 DAVIE RD DURHAM NC	NON GC	N/A	N/A
	SPILLS	O QUINN PROPERTY 88065/CURRENT RECORD	510 E TRINITY AVE DURHAM NC	NON GC	N/A	N/A
	SPILLS	DUKE GIFT PROPERTIES, INC. 92129/CURRENT RECORD	1416 N DUKE ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	DURHAM LOT NSRC 26629/CLOSED OUT	LIBERTY AND RAILROAD ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	FALLS VILLAGE GOLF CLUB 92173/CURRENT RECORD	115 FALLS VILLAGE DR DURHAM NC	NON GC	N/A	N/A
	SPILLS	ROBINS RESIDENCE 92212/CURRENT RECORD	711 WATTS ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	ROXBORO STREET RESIDENCE (2612) 87970/CURRENT RECORD	2612 ROXBORO ST DURHAM NC	NON GC	N/A	N/A
	SPILLS	RUAN TRANSP. FUEL RELEASE 92262/CURRENT RECORD	124 SCIENCE DR DURHAM NC 27701	NON GC	N/A	N/A
	UST	SEVEN-UP DIST RA-6997/UNKNOWN	321 W GEER ST DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	STARLING ENTERPRISES 26162	ALSTON and WORTH ST DURHAM NC 27701	NON GC	N/A	N/A
	UST	NEGROTTA PROPERTY RA-6789/UNKNOWN	5105 STANLEY RD DURHAM NC	NON GC	N/A	N/A
	SWL	CITY OF DURHAM LF NONCD0000294/PRE-1983	SR 1636 (JIMMY GLENN RD) TO DURHAM NC	NON GC	N/A	N/A
	SWL	DUKE AND GREGSON ST. DUMP NONCD0000292/PRE-1983	500 BLOCK OF GREGSON TO YMC DURHAM NC	NON GC	N/A	N/A
	SWL	DURHAM CITY OF - TRANSFER STATION 3207/CLOSED	GEER ST DURHAM NC 27701	NON GC	N/A	N/A
	SWL	DURHAM, CITY OF LANDFILL 3201/INACTIVECLOSED	S.R. 1636 DURHAM NC 27701	NON GC	N/A	N/A
	SWL	MARBERRY NONCD0000786/PRE-1983	OFF CHEEK (FORMERLY FISH DA DURHAM NC	NON GC	N/A	N/A
	UST	HOWE, SARAH RESIDENCE RA-6992/UNKNOWN	2934 RIDGE RD DURHAM NC 27701	NON GC	N/A	N/A
	LUST	PROESCHOLDBELL PROPERTY NCI-033946/CURRENT RECORD	2317 W CLUB BLVD DURHAM NC 27705	NON GC	N/A	N/A
	SPILLS	SOUTHERN REPAIR SERVICE PROPERTY 92291/CURRENT RECORD	913 ROME AVE DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 1802 E. PETTIGRE 140998/EPA BROWNFIELD	1802 E PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A

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	FED IC / EC	DCM 103 BROADWAY ST 141024/EPA BROWNFIELD	103 BROADWAY ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	DCM 107 BROADWAY ST 141025/EPA BROWNFIELD	107 BROADWAY ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	DCM 109 BROADWAY ST 141026/EPA BROWNFIELD	109 BROADWAY ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	DCM 601 NORTH MANGUM ST 141020/EPA BROWNFIELD	601 N MANGUM ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	SULLIVAN STREET SITE 69598666-96504/EPA BROWNFIELD	1606 SULLIVAN ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 109561/EPA BROWNFIELD	E PETTIGREW STREET DURHAM NC 27701	NON GC	N/A	N/A
	LUST	KNOTT (MARGARET) PROPERTY NCI-039146	2710 SPARGER RD DURHAM NC 27705	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 1705 JOPLIN ST. 141003/EPA BROWNFIELD	1705 JOPLIN ST DURHAM NC 27701	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-27705	UNKNOWN NC 27705	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 1804 E. PETTIGRE 140997/EPA BROWNFIELD	1804 E PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 1806 E. PETTIGRE 140996/EPA BROWNFIELD	1806 E PETTIGREW ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 405 BERNICE ST 140999/EPA BROWNFIELD	405 BERNICE ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 407 BERNICE ST. 141000/EPA BROWNFIELD	407 BERNICE ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 409 BERNICE ST. 141001/EPA BROWNFIELD	409 BERNICE ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 506 BACON ST. 141006/EPA BROWNFIELD	506 BACON ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 510 BACON ST. 141005/EPA BROWNFIELD	510 BACON ST DURHAM NC 27701	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 1703 JOPLIN ST. 141002/EPA BROWNFIELD	1703 JOPLIN ST DURHAM NC 27701	NON GC	N/A	N/A
	LUST	SOLES and SHARPE, LLC RES UST NCI-039123/CURRENT RECORD	2301 CHAPEL HILL RD DURHAM NC 27707	NON GC	N/A	N/A
	LUST	SANDY CREEK LIMITED PROPERTY NCI-026189	3800 SANDY CREEK RD DURHAM NC 27705	NON GC	N/A	N/A
	LUST	GTE - HWY 54 NCI-008046/CLOSED OUT	HIGHWAY 54 DURHAM NC 27707	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	LUST	HAPPER PROPERTY NCI-033921/CURRENT RECORD	3610 HATHAWAY DROVE DURHAM NC 27707	NON GC	N/A	N/A
	LUST	HELEN ROLL LIVING TRUST PROPERTY NCI-039127/CURRENT RECORD	2900 UNIVERSITY DR DURHAM NC 27707	NON GC	N/A	N/A
	LUST	INGRAM PROPERTY NCI-039092/CURRENT RECORD	1303 ARNETTE AVE DURHAM NC 27707	NON GC	N/A	N/A
	LUST	NCCU-EAGLESON HALL NCI-020475/CLOSED OUT	GEORGE ST DURHAM NC 27707	NON GC	N/A	N/A
	LUST	NCCU-PHYSICAL PLANT NCI-020439/RESPONSE	GEORGE AND CAMPUS DR DURHAM NC 27707	NON GC	N/A	N/A
	FED IC / EC	800 TAYLOR STREET 123130/EPA BROWNFIELD	800 TAYLOR ST DURHAM NC 27701	NON GC	N/A	N/A
	LUST	ROMEO GUEST ASSOCIATES, INC. NCI-033044/CLOSED OUT	NC HWY 54 and NC DURHAM NC 27707	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-27707	UNKNOWN NC 27707	NON GC	N/A	N/A
	LUST	TRIANGLE WWT PLANT PUMP STAT NCI-015540/RESPONSE	HIGHWAY 55 DURHAM NC 27707	NON GC	N/A	N/A
	LUST	TRIANGLE WWTP PUMP ST.(DUR NCI-015350/CLOSED OUT	HIGHWAY 55 DURHAM NC 27707	NON GC	N/A	N/A
	LUST	WRIGHT (LYELL) PROPERTY NCI-039134/CURRENT RECORD	1400 SHEPHERD ST DURHAM NC 27707	NON GC	N/A	N/A
	BROWNFIELD	CITY OF DURHAM NCBR-0907-005/PENDING	N MANGUM PROPERTIES ST DURHAM NC 27701	NON GC	N/A	N/A
	BROWNFIELD	WRENN FIELD NCBF-0210-048/PENDING	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-27701	UNKNOWN NC 27701	NON GC	N/A	N/A
	SPILLS	DIAS PROPERTY 92174/CURRENT RECORD	1726 VISTA ST DURHAM NC 27701	NON GC	N/A	N/A
	LUST	RICH PROPERTY (GIBSON) NCI-039097/CURRENT RECORD	1307 ARNETTE AVE DURHAM NC 27707	NON GC	N/A	N/A
	LUST	BALLARD PROPERTY NCI-033840/CURRENT RECORD	3803 SOUTHWEST DR DURHAM NC 27707	NON GC	N/A	N/A
	LUST	WINNER and POSTEMA PROPERTY NCI-039139/CURRENT RECORD	1005 GLORIA AVE DURHAM NC 27701	NON GC	N/A	N/A
	LUST	CALDWELL (HERSCHEL) PROPERTY NCI-039148/CURRENT RECORD	3018 DEVON RD DURHAM NC 27705	NON GC	N/A	N/A
	LUST	COUCH OIL, BENNETT PT COASTAL SVCS NCI-033757/CURRENT RECORD	US 70 and SPARGER RD DURHAM NC 27705	NON GC	N/A	N/A

Environmental FirstSearch

Sites Summary Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	LUST	STOCK BUILDING SUPPLY NCI-033869/CURRENT RECORD	6801 MOUNT HERMAN CHURCH RD DURHAM NC 27705	NON GC	N/A	N/A
	LUST	VANGSNES PROPERTY NCI-033690/CURRENT RECORD	2214 CANFORD RD DURHAM NC 27705	NON GC	N/A	N/A
	LUST	WILSON (LUCILLE) PROPERTY NCI-039147/CURRENT RECORD	2308 ANTHONY DR DURHAM NC 27705	NON GC	N/A	N/A
	ERNS	HWY 147 AND NC 55 NRC-583250/PIPELINE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	LUST	ANDREWS PROPERTY NCI-033963/CURRENT RECORD	2836 STUART DR DURHAM NC 27707	NON GC	N/A	N/A
	LUST	SMITH ESTATE NCI-033893/CURRENT RECORD	1207 HORTON RD DURHAM NC 27701	NON GC	N/A	N/A
	LUST	BRANDT, CLIFTON PROPERTY NCI-039155/CURRENT RECORD	1060 W FOREST HILLS BLVD DURHAM NC 27707	NON GC	N/A	N/A
	LUST	BRANDT, CLIFTON PROPERTY NCI-039162/CURRENT RECORD	1060 W FOREST HILLS BLVD DURHAM NC 27707	NON GC	N/A	N/A
	LUST	COPELAND (BETTY) PROPERTY NCI-039137/CURRENT RECORD	121 WHITE OAK DR DURHAM NC 27707	NON GC	N/A	N/A
	LUST	DURHAM, CITY OF, PROP.-NW/C/PETT NCI-033332/CURRENT RECORD	F DURHAM NC 27707	NON GC	N/A	N/A
	LUST	FNMA PROPERTY NCI-039149/CURRENT RECORD	2204 UNIVERSITY DR DURHAM NC 27707	NON GC	N/A	N/A
	ERNS	HOECHST-CELENSE CHEMICAL 516188/UNKNOWN	MILEPOST H58 DURHAM NC	NON GC	N/A	N/A
	SPILLS	DUKE - LIFE FLIGHT CENTER 10411/CURRENT RECORD	NOT SHOWN DURHAM NC	NON GC	N/A	N/A
	LUST	1712 FAYETTEVILLE STREET NCI-033825/CURRENT RECORD	1712 FAYETTEVILLE RD DURHAM NC 27707	NON GC	N/A	N/A
	UST	FIRST TRANSIT 0-236816/CURRENTLY OPERATIONA	1824 N MIAMI BLVD DURHAM NC 27701	NON GC	N/A	N/A
	SWL	MITCHELL FARM NONCD0000785/PRE-1983	OFF CHEEK (FORMERLY FISH DA DURHAM NC	NON GC	N/A	N/A
	SWL	N C DEPT OF TRANSPORTATION P0223/INACTIVECLOSED	DURHAM TOWNSHIP DURHAM NC	NON GC	N/A	N/A
	UST	ALLEN MUFFLER SHOP 0-016061/PERM CLOSED REMOVED	E HOLLOWAY ST DURHAM NC 27701	NON GC	N/A	N/A
	UST	BROADWAY, MIKAEL PROPERTY RA-6943/UNKNOWN	900 DEMERIUS ST DURHAM NC 27701	NON GC	N/A	N/A
	UST	CAROLINA BEVERAGE PACKERS 0-034270/PERM CLOSED REMOVED	GEER ST DURHAM NC 27701	NON GC	N/A	N/A

Environmental FirstSearch Sites Summary Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	UST	CHARTER FOOD STORE (LOC. 0620) 0-016845/PERM CLOSED REMOVED	SEATON REVERE PKY DURHAM NC 27701	NON GC	N/A	N/A
	UST	DURHAM LOT NORFOLK SOUTHERN RC RA-5080/UNKNOWN	LIBERTY AND RAILROAD ST DURHAM NC 27701	NON GC	N/A	N/A
	LUST	WEST BROTHERS TRANSFER NCI-026209	WEST HWY 70 DURHAM NC	NON GC	N/A	N/A
	UST	EXXON - FAYETTEVILLE STREET RA-4395/UNKNOWN	FAYETTEVILLE AND BURLINGTON DURHAM NC 27701	NON GC	N/A	N/A
	LUST	STARLING ENTERPRISES NCI-026162	ALSTON and WORTH ST DURHAM NC 27701	NON GC	N/A	N/A
	UST	GTE - HWY 54 RA-1205/UNKNOWN	HWY 54 and ALSTON AVE DURHAM NC 27701	NON GC	N/A	N/A
	LUST	EXXON - FAYETTEVILLE STREET NCI-026173	FAYETTEVILLE AND BURLINGTON DURHAM NC 27701	NON GC	N/A	N/A
	LUST	FAYETTEVILLE ST EXT DURH. NCI-009054/ARCHIVED	NOT SHOWN DURHAM NC	NON GC	N/A	N/A
	LUST	HOWE, SARAH RESIDENCE NCI-039130/CURRENT RECORD	2934 RIDGE RD DURHAM NC 27701	NON GC	N/A	N/A
	LUST	NEGROTTO PROPERTY NCI-033938/CURRENT RECORD	5105 STANLEY RD DURHAM NC	NON GC	N/A	N/A
	LUST	SEVEN-UP DIST NCI-039135/CURRENT RECORD	321 W GEER ST DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	I-85 NRC-573176/MOBILE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	UST	DURHAM TRANS. STN. SITE RA-5410/UNKNOWN	WEST PETTIGREW (PID 103346) DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	NRC-853500/RAILROAD	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	THIS OCCURRED ON AN INDUSTRY TRACK NRC-538934/RAILROAD	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	US HWY 501 AT ORANGE FACTORY ROAD NRC-822345/MOBILE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	179136/UNKNOWN (NRC)	AT MILEPOLE DD34 NEXT TO TH DURHAM NC	NON GC	N/A	N/A
	ERNS	NRC-539862/RAILROAD	PEDIGREW MILE H56.7 ST DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	NRC-798848/FIXED	523 DAVIS SUITE 200 DR DURHAM NC	NON GC	N/A	N/A
	ERNS	NRC-547380/FIXED	I-40 EXIT 274 DURHAM NC	NON GC	N/A	N/A

Environmental FirstSearch *Sites Summary Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	ERNS	HOECHST-CELENSE CHEMICAL 519985/RAILROAD	MILEPOST H58 DURHAM NC	NON GC	N/A	N/A
	ERNS	629755/HIGHWAY RELATED	NEAR THE DURHAM COUNTY RESENON GC DURHAM NC	NON GC	N/A	N/A
	ERNS	NORFOLK SOUTHERN RAIL ROAD NRC-585184/RAILROAD	MILE PSOT 57.5 DURHAM NC	NON GC	N/A	N/A
	ERNS	646006/HIGHWAY RELATED	MOUNT OLIVE RD DURHAM NC	NON GC	N/A	N/A
	ERNS	NRC-518427/RAILROAD NON-RELEASE	DRIVE ST DURHAM NC	NON GC	N/A	N/A
	SPILLS	BARNES TRANSPORTATION DIESEL RELEA 92068/CURRENT RECORD	I-85 SOUTH / E. CLUB BLVD. DURHAM NC	NON GC	N/A	N/A
	SPILLS	BLUE CROSS BLUE SHIELD (DURHAM SER 87790/CURRENT RECORD	HIGHWAY 15-501 DURHAM NC	NON GC	N/A	N/A
	SPILLS	BONDY PROPERTY 92120/CURRENT RECORD	1003 MONMOUTH AVE DURHAM NC 27701	NON GC	N/A	N/A
	SPILLS	CAROLINA TANK LINES 92283/CURRENT RECORD	I-40 WEST MILE MARKER 277-5 DURHAM NC	NON GC	N/A	N/A
	SPILLS	CLARKE, GLADYS RESIDENCE 92051/CURRENT RECORD	706 LINWOOD AVE DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	NRC-537773/FIXED	522 PENRITH DR DURHAM NC	NON GC	N/A	N/A
	ERNS	MP H55 NRC-871421/RAILROAD	MP H55 DURHAM NC	NON GC	N/A	N/A
	ERNS	INTERSECTION OF DRIVER ST AND PETI NRC-797421/MOBILE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	INTERSTATE 85 NORTH NEAR EXIT 176 NRC-604637/MOBILE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	LITTLE LICK CREEK TRIBUTARY/FALLS NRC-876832/FIXED	LITTLE LICK CREEK TRIBUTARY DURHAM NC	NON GC	N/A	N/A
	ERNS	MASON DIXON 575026/HIGHWAY RELATED	HIGHWAY I85 MILE MARKER 80 DURHAM NC	NON GC	N/A	N/A
	ERNS	MEASUREMENT CORP NRC-707913/FIXED	W CORP and MORRIS ST DURHAM NC	NON GC	N/A	N/A
	ERNS	MILE MARKER: 51.5 NRC-537790/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	MILE POST - 53.9 SUBDIVISION - DAN NRC-1006733/RAILROAD NON-RELEASE	MM - 539 SUBDIVISION - DANV DURHAM NC	NON GC	N/A	N/A
	ERNS	THE INTERSECTION OF ANDERSON COURT NRC-766097/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A

Environmental FirstSearch *Sites Summary Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

TOTAL: 296 **GEOCODED:** 66 **NON GEOCODED:** 230 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	ERNS	MP 58.5 ON THE H LINE OWNED BY NOR NRC-754798/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	OFF HIGHWAY 751 IN A WOODED AREA / NRC-562280/FIXED	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	ERNS	MP H60.27 H LINE SUB NRC-950809/RAILROAD NON-RELEASE	MP H60.27 H H LINE DURHAM NC	NON GC	N/A	N/A
	ERNS	MP: H53.2 NRC-986071/RAILROAD NON-RELEASE	MP: H532 DURHAM NC	NON GC	N/A	N/A
	ERNS	MP: H54.3 NRC-881554/RAILROAD	MP: H54.3 DURHAM NC	NON GC	N/A	N/A
	ERNS	NC STATE HWY 55 NC STATE HWY 147 NRC-1000684/MOBILE	NC STATE HWY 55 NC STATE HW DURHAM NC	NON GC	N/A	N/A
	ERNS	NORFOLK SOUTHERN MAIN LINE NRC-930905/RAILROAD NON-RELEASE	NORFOLK SOUTHERN MAIN LINE DURHAM NC	NON GC	N/A	N/A
	ERNS	NORFOLK SOUTHERN RAIL RAOD NRC-778438/RAILROAD NON-RELEASE	UNKNOWN DURHAM NC	NON GC	N/A	N/A
	FED IC / EC	TUCKER PROPERTIES 512 BACON ST. 141004/EPA BROWNFIELD	512 BACON ST DURHAM NC 27701	NON GC	N/A	N/A
	ERNS	MORREENE DRIVE AT MORREENE MANOR A NRC-631378/FIXED	 DURHAM NC	NON GC	N/A	N/A

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 17 **DIST/DIR:** 0.06 NE **ELEVATION:** 430 **MAP ID:** 1

NAME: WEST CHAPEL HILL STREET BP
ADDRESS: 1118 W CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: MARVIN BARNES

REV: 12/6/05
ID1: 26241
ID2:
STATUS:
PHONE: 9193092925

SITE INFORMATION

OWNER/OPERATOR: MARVIN BARNES
M.M. FOWLER, INC.
4220 NEAL ROAD
DURHAM NC 27705-

DATE OF RELEASE: 2/24/2003
DATE SUBMITTED: 4/17/2003

DESCRIPTION OF INCIDENT: Three (3) 5,000-gallon gasoline UST, one (1) 2,000-gallon kerosene UST and one (1) 550-gallon Oil UST

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: Y
MAJOR SOIL CONTAMINATION?: N

MATERIAL INVOLVED (1):
AMOUNT LOST (1):
AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):
AMOUNT LOST (2):
AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):
AMOUNT LOST (3):
AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED:
NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?: 1
SITE PRIORITY:
PRIORITY CODE:
PRIORITY UPDATE:

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 18 **DIST/DIR:** 0.06 NE **ELEVATION:** 430 **MAP ID:** 1

NAME: CHAPEL HILL STREET BP 170
ADDRESS: 1118 W CHAPEL HILL ST
DURHAM NC 27702
DURHAM
CONTACT: M M FOWLER INC

REV: 6/1/12
ID1: 0-016393
ID2: 00-0-0000016393
STATUS: PERM CLOSED REMOVED
PHONE:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 4
CONTACT INFORMATION: M M FOWLER INC
4220 NEAL RD
DURHAM NC 27705-2322

TANK NUMBER: 1
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 5000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 3
MAIN TANK: NO
COMPARTMENT TANK: NO
MANIFOLD TANK:
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: 2
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 5000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 3
MAIN TANK: NO
COMPARTMENT TANK: NO
MANIFOLD TANK:
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: 3
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 5000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 3

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST			
SEARCH ID: 18	DIST/DIR: 0.06 NE	ELEVATION: 430	MAP ID: 1
NAME: CHAPEL HILL STREET BP 170		REV: 6/1/12	
ADDRESS: 1118 W CHAPEL HILL ST		ID1: 0-016393	
DURHAM NC 27702		ID2: 00-0-0000016393	
DURHAM		STATUS: PERM CLOSED REMOVED	
CONTACT: M M FOWLER INC		PHONE:	
MAIN TANK:	NO		
COMPARTMENT TANK:	NO		
MANIFOLD TANK:			
COMMERCIAL TANK:	YES		
REGULATED TANK:	YES		
TANK NUMBER:	4		
ROOT TANK ID:			
TANK STATUS:			
INSTALLATION DATE:			
PERM CLOSED:			
CONTENTS:	Oil, New/Used/Mix		
CAPACITY IN GALLONS:	550		
TANK CONSTRUCTION:	3		
PIPE CONSTRUCTION:	4		
MAIN TANK:	NO		
COMPARTMENT TANK:	NO		
MANIFOLD TANK:			
COMMERCIAL TANK:	YES		
REGULATED TANK:	YES		
<u>REGIONAL UST DATA</u>			
UST NUMBER:	RA-4492		
INCIDENT NUMBER:	26241		
CD NUMBER:	0		
REEL NUMBER:	0		
REGIONAL CONTACT:	WER		
REGIONAL OFFICE:	RAL		
DATE OCCURRED:	2/24/2003		
<u>RESPONSIBLE COMPANY:</u>			
M.M. FOWLER, INC.			
4220 NEAL ROAD			
DURHAM ,NC , 27705-			
SOURCE:	LEAK, UST		
PETROLEUM TYPE:	PETROLEUM		
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL		
REGULATED:	REGULATED		
REGULATORY REQUIREMENT:			
VIOLATION:			
PHASE REQUIRED:	1		
SITE PRIORITY:			
RISK:	I		
RISK OF INCIDENT:	I		
INTERMEDIATE CONDITION:	FG		
LAND USE:	RES		

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 18 **DIST/DIR:** 0.06 NE **ELEVATION:** 430 **MAP ID:** 1

NAME: CHAPEL HILL STREET BP 170
ADDRESS: 1118 W CHAPEL HILL ST
DURHAM NC 27702
DURHAM
CONTACT: M M FOWLER INC

REV: 6/1/12
ID1: 0-016393
ID2: 00-0-0000016393
STATUS: PERM CLOSED REMOVED
PHONE:

CORRECTIVE ACTION PLAN:

RBCA:

CLOSED REVIEW REQUESTED:

CASE CLOSED:

CONTAMINATION: GROUNDWATER/BOTH

SUPPLY WELLS: 0

MTBE IN WELL: 0

MTBE IN GROUNDWATER: YES

LEAK DISCOVERED: 0

LAND USE RESTRICTION FILED:

CLEAN UP: 2/24/2003

CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:

POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE

CD NUMBER: 0

RESPONSIBLE OWNER: 0

RESPONSIBLE OPERATOR: 0

RESPONSIBLE LANDOWNER: 0

COMMENTS: 7/8/2004 - RKD gave MAF CSA to review for MRP while on leave; HISTORY OF SITE ---- gas release; discovery date- 2/25/2003; At Closure 8300 gallons product/water mixture were pumped from tank pit and 296 tons contaminated soils were removed and disposed

ARCHIVED INFORMATION AS OF 2011

TANK NUMBER: 1
INSTALLATION DATE: 19650325
CLOSED DATE: 20030226
STATUS: PERMANENTLY CLOSED
CONTENTS: GASOLINE, GASOLINE MIXTURE
CAPACITY IN GALLONS: 5000
COMMENTS:
CONSTRUCTION MATERIAL: STEEL
INTERIOR: INTERNAL LINING
EXTERIOR: PAINT
CORROSION PROTECTION: INTERNAL LINING
LEAK DETECTION:
PIPING MATERIAL: FRP
PIPE CORROSION PROTECTION: FRP TANK/PIPING
PIPE LEAK DETECTION:
OVERFLOW PROTECTION: CATCHMENT BASIN
FINANCIAL RESPONSIBILITY:
CERTIFICATION TYPE:
GPS SITING CONFIRMED: Y
PERSON CONFIRMING: DAM

TANK NUMBER: 2
INSTALLATION DATE: 19650325
CLOSED DATE: 20030226
STATUS: PERMANENTLY CLOSED

- Continued on next page -

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST	
SEARCH ID: 18	DIST/DIR: 0.06 NE
ELEVATION: 430	MAP ID: 1
NAME: CHAPEL HILL STREET BP 170 ADDRESS: 1118 W CHAPEL HILL ST DURHAM NC 27702 DURHAM CONTACT: M M FOWLER INC	REV: 6/1/12 ID1: 0-016393 ID2: 00-0-0000016393 STATUS: PERM CLOSED REMOVED PHONE:
CONTENTS: GASOLINE, GASOLINE MIXTURE CAPACITY IN GALLONS: 5000 COMMENTS: CONSTRUCTION MATERIAL: STEEL INTERIOR: INTERNAL LINING EXTERIOR: PAINT CORROSION PROTECTION: INTERNAL LINING LEAK DETECTION: PIPING MATERIAL: FRP PIPE CORROSION PROTECTION: FRP TANK/PIPING PIPE LEAK DETECTION: OVERFLOW PROTECTION: CATCHMENT BASIN FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: Y PERSON CONFIRMING: DAM	
TANK NUMBER: 3 INSTALLATION DATE: 19650325 CLOSED DATE: 20030226 STATUS: PERMANENTLY CLOSED CONTENTS: GASOLINE, GASOLINE MIXTURE CAPACITY IN GALLONS: 5000 COMMENTS: CONSTRUCTION MATERIAL: STEEL INTERIOR: INTERNAL LINING EXTERIOR: PAINT CORROSION PROTECTION: INTERNAL LINING LEAK DETECTION: PIPING MATERIAL: FRP PIPE CORROSION PROTECTION: FRP TANK/PIPING PIPE LEAK DETECTION: OVERFLOW PROTECTION: CATCHMENT BASIN FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: Y PERSON CONFIRMING: DAM	
TANK NUMBER: 4 INSTALLATION DATE: 19650325 CLOSED DATE: 19881209 STATUS: PERMANENTLY CLOSED CONTENTS: OIL, NEW/USED/MIXTURE CAPACITY IN GALLONS: 550 COMMENTS: CONSTRUCTION MATERIAL: STEEL INTERIOR: UNKNOWN EXTERIOR: PAINT CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: STEEL	

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Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 18 **DIST/DIR:** 0.06 NE **ELEVATION:** 430 **MAP ID:** 1

NAME: CHAPEL HILL STREET BP 170
ADDRESS: 1118 W CHAPEL HILL ST
DURHAM NC 27702
DURHAM
CONTACT: M M FOWLER INC

REV: 6/1/12
ID1: 0-016393
ID2: 00-0-0000016393
STATUS: PERM CLOSED REMOVED
PHONE:

PIPE CORROSION PROTECTION:

PIPE LEAK DETECTION:

OVERFLOW PROTECTION:

FINANCIAL RESPONSIBILITY:

CERTIFICATION TYPE:

GPS SITING CONFIRMED:

Y

PERSON CONFIRMING:

DAM

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 65 **DIST/DIR:** 0.06 NE **ELEVATION:** 430 **MAP ID:** 1

NAME: WEST CHAPEL HILL STREET BP
ADDRESS: 1118 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: MARVIN BARNES

REV: 6/1/12
ID1: NCI-026241
ID2: 26241
STATUS:
PHONE: 9193092925

REGIONAL UST DATA

UST NUMBER: RA-4492
INCIDENT NUMBER: 26241
CD NUMBER: 0
REEL NUMBER: 0
REGIONAL CONTACT: WER
REGIONAL OFFICE: RAL
DATE OCCURRED: 2/24/2003

RESPONSIBLE COMPANY:

M.M. FOWLER, INC.
4220 NEAL ROAD
DURHAM ,NC , 27705-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED: 1
SITE PRIORITY:
RISK: I
RISK OF INCIDENT: I
INTERMEDIATE CONDITION: FG
LAND USE: RES

CORRECTIVE ACTION PLAN:

RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED:
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: YES

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 2/24/2003
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER: 0
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

7/8/2004 - RKD gave MAF CSA to review for MRP while on leave; HISTORY OF SITE ---- gas

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 65	DIST/DIR: 0.06 NE	ELEVATION: 430	MAP ID: 1
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NAME: WEST CHAPEL HILL STREET BP
ADDRESS: 1118 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: MARVIN BARNES

REV: 6/1/12
ID1: NCI-026241
ID2: 26241
STATUS:
PHONE: 9193092925

release; discovery date- 2/25/2003; At Closure 8300 gallons product/water mixture were pumped from tank pit and 296 tons contaminated soils were removed and disposed

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 22 **DIST/DIR:** 0.08 NE **ELEVATION:** 432 **MAP ID:** 2

NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH	REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE:
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SITE INFORMATION

TOTAL NUMBER OF TANKS: 9

CONTACT INFORMATION: KHALID SALEH
1108 WEST CHAPEL HILL STREET
DURHAM NC 27701-3028

TANK NUMBER: 1
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 8000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 4
MAIN TANK: NO
COMPARTMENT TANK: NO
MANIFOLD TANK: NO
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: 2
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 8000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 4
MAIN TANK: NO
COMPARTMENT TANK: NO
MANIFOLD TANK: NO
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: 3
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 6000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 4

- Continued on next page -

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST																													
SEARCH ID: 22	DIST/DIR: 0.08 NE ELEVATION: 432 MAP ID: 2																												
<table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH </td> <td style="width:50%; vertical-align: top;"> REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE: </td> </tr> </table>		NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH	REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE:																										
NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH	REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE:																												
<table style="width:100%;"> <tr> <td style="width:35%;">MAIN TANK:</td> <td>NO</td> </tr> <tr> <td>COMPARTMENT TANK:</td> <td>NO</td> </tr> <tr> <td>MANIFOLD TANK:</td> <td>NO</td> </tr> <tr> <td>COMMERCIAL TANK:</td> <td>YES</td> </tr> <tr> <td>REGULATED TANK:</td> <td>YES</td> </tr> </table>		MAIN TANK:	NO	COMPARTMENT TANK:	NO	MANIFOLD TANK:	NO	COMMERCIAL TANK:	YES	REGULATED TANK:	YES																		
MAIN TANK:	NO																												
COMPARTMENT TANK:	NO																												
MANIFOLD TANK:	NO																												
COMMERCIAL TANK:	YES																												
REGULATED TANK:	YES																												
<table style="width:100%;"> <tr> <td style="width:35%;">TANK NUMBER:</td> <td>4</td> </tr> <tr> <td>ROOT TANK ID:</td> <td></td> </tr> <tr> <td>TANK STATUS:</td> <td></td> </tr> <tr> <td>INSTALLATION DATE:</td> <td></td> </tr> <tr> <td>PERM CLOSED:</td> <td></td> </tr> <tr> <td>CONTENTS:</td> <td>Diesel</td> </tr> <tr> <td>CAPACITY IN GALLONS:</td> <td>2000</td> </tr> <tr> <td>TANK CONSTRUCTION:</td> <td>3</td> </tr> <tr> <td>PIPE CONSTRUCTION:</td> <td>4</td> </tr> <tr> <td>MAIN TANK:</td> <td>NO</td> </tr> <tr> <td>COMPARTMENT TANK:</td> <td>NO</td> </tr> <tr> <td>MANIFOLD TANK:</td> <td>NO</td> </tr> <tr> <td>COMMERCIAL TANK:</td> <td>YES</td> </tr> <tr> <td>REGULATED TANK:</td> <td>YES</td> </tr> </table>		TANK NUMBER:	4	ROOT TANK ID:		TANK STATUS:		INSTALLATION DATE:		PERM CLOSED:		CONTENTS:	Diesel	CAPACITY IN GALLONS:	2000	TANK CONSTRUCTION:	3	PIPE CONSTRUCTION:	4	MAIN TANK:	NO	COMPARTMENT TANK:	NO	MANIFOLD TANK:	NO	COMMERCIAL TANK:	YES	REGULATED TANK:	YES
TANK NUMBER:	4																												
ROOT TANK ID:																													
TANK STATUS:																													
INSTALLATION DATE:																													
PERM CLOSED:																													
CONTENTS:	Diesel																												
CAPACITY IN GALLONS:	2000																												
TANK CONSTRUCTION:	3																												
PIPE CONSTRUCTION:	4																												
MAIN TANK:	NO																												
COMPARTMENT TANK:	NO																												
MANIFOLD TANK:	NO																												
COMMERCIAL TANK:	YES																												
REGULATED TANK:	YES																												
<table style="width:100%;"> <tr> <td style="width:35%;">TANK NUMBER:</td> <td>A1</td> </tr> <tr> <td>ROOT TANK ID:</td> <td></td> </tr> <tr> <td>TANK STATUS:</td> <td></td> </tr> <tr> <td>INSTALLATION DATE:</td> <td></td> </tr> <tr> <td>PERM CLOSED:</td> <td></td> </tr> <tr> <td>CONTENTS:</td> <td>Gasoline, Gas Mix</td> </tr> <tr> <td>CAPACITY IN GALLONS:</td> <td>15000</td> </tr> <tr> <td>TANK CONSTRUCTION:</td> <td>1</td> </tr> <tr> <td>PIPE CONSTRUCTION:</td> <td>1</td> </tr> <tr> <td>MAIN TANK:</td> <td>NO</td> </tr> <tr> <td>COMPARTMENT TANK:</td> <td>NO</td> </tr> <tr> <td>MANIFOLD TANK:</td> <td></td> </tr> <tr> <td>COMMERCIAL TANK:</td> <td>NO</td> </tr> <tr> <td>REGULATED TANK:</td> <td>NO</td> </tr> </table>		TANK NUMBER:	A1	ROOT TANK ID:		TANK STATUS:		INSTALLATION DATE:		PERM CLOSED:		CONTENTS:	Gasoline, Gas Mix	CAPACITY IN GALLONS:	15000	TANK CONSTRUCTION:	1	PIPE CONSTRUCTION:	1	MAIN TANK:	NO	COMPARTMENT TANK:	NO	MANIFOLD TANK:		COMMERCIAL TANK:	NO	REGULATED TANK:	NO
TANK NUMBER:	A1																												
ROOT TANK ID:																													
TANK STATUS:																													
INSTALLATION DATE:																													
PERM CLOSED:																													
CONTENTS:	Gasoline, Gas Mix																												
CAPACITY IN GALLONS:	15000																												
TANK CONSTRUCTION:	1																												
PIPE CONSTRUCTION:	1																												
MAIN TANK:	NO																												
COMPARTMENT TANK:	NO																												
MANIFOLD TANK:																													
COMMERCIAL TANK:	NO																												
REGULATED TANK:	NO																												
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TANK NUMBER:	A1																												
ROOT TANK ID:																													
TANK STATUS:																													
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CONTENTS:	Gasoline, Gas Mix																												
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MAIN TANK:	NO																												
COMPARTMENT TANK:	NO																												
MANIFOLD TANK:	NO																												
COMMERCIAL TANK:	YES																												
REGULATED TANK:	YES																												

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Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 22 **DIST/DIR:** 0.08 NE **ELEVATION:** 432 **MAP ID:** 2

NAME: UNIVERSITY MARKET
ADDRESS: 1108 W CHAPELHILL ST
DURHAM NC 27701
DURHAM
CONTACT: KHALID SALEH

REV: 6/1/12
ID1: 0-034136
ID2: 00-0-0000034136
STATUS: CURRENTLY OPERATIONAL
PHONE:

TANK NUMBER: A2A
ROOT TANK ID: 275283
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 5000
TANK CONSTRUCTION: 10
PIPE CONSTRUCTION: 9
MAIN TANK: YES
COMPARTMENT TANK: YES
MANIFOLD TANK: NO
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: A2A
ROOT TANK ID: 275283
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 5000
TANK CONSTRUCTION: 1
PIPE CONSTRUCTION: 1
MAIN TANK: YES
COMPARTMENT TANK: YES
MANIFOLD TANK:
COMMERCIAL TANK: NO
REGULATED TANK: NO

TANK NUMBER: A2B
ROOT TANK ID: 275283
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Diesel
CAPACITY IN GALLONS: 3000
TANK CONSTRUCTION: 10
PIPE CONSTRUCTION: 9
MAIN TANK: NO
COMPARTMENT TANK: YES
MANIFOLD TANK: NO
COMMERCIAL TANK: YES
REGULATED TANK: YES

REGIONAL UST DATA

UST NUMBER: RA-6908

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 22 **DIST/DIR:** 0.08 NE **ELEVATION:** 432 **MAP ID:** 2

NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH	REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE:
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INCIDENT NUMBER: 39049
CD NUMBER: 0
REEL NUMBER: 0
REGIONAL CONTACT: JFM
REGIONAL OFFICE: RAL
DATE OCCURRED: 6/14/2011

RESPONSIBLE COMPANY:

Buy-N-Go
1108 West Chapel Hill Street
Durham ,NC , 27701

SOURCE: PETROLEUM TYPE: COMMERCIAL/NONCOMMERCIAL: REGULATED: REGULATORY REQUIREMENT: VIOLATION:	LEAK, UST PETROLEUM COMMERCIAL REGULATED
--	---

PHASE REQUIRED:
SITE PRIORITY:
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA: SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:
CASE CLOSED: 7/18/2011
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 6/14/2011
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER: 0
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

ARCHIVED INFORMATION AS OF 2011

TANK NUMBER: 1

- Continued on next page -

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 22 **DIST/DIR:** 0.08 NE **ELEVATION:** 432 **MAP ID:** 2

NAME:	UNIVERSITY MARKET	REV:	6/1/12
ADDRESS:	1108 W CHAPELHILL ST	ID1:	0-034136
	DURHAM NC 27701	ID2:	00-0-0000034136
	DURHAM	STATUS:	CURRENTLY OPERATIONAL
CONTACT:	KHALID SALEH	PHONE:	

INSTALLATION DATE:	19880501
CLOSED DATE:	
STATUS:	TEMPORARILY CLOSED
CONTENTS:	GASOLINE, GASOLINE MIXTURE
CAPACITY IN GALLONS:	8000
COMMENTS:	
CONSTRUCTION MATERIAL:	STEEL
INTERIOR:	NONE
EXTERIOR:	STIP-3
CORROSION PROTECTION:	
LEAK DETECTION:	PERIODIC TANK TIGHTNESS TESTING
PIPING MATERIAL:	STEEL
PIPE CORROSION PROTECTION:	
PIPE LEAK DETECTION:	GROUNDWATER MONITORING
OVERFLOW PROTECTION:	
FINANCIAL RESPONSIBILITY:	
CERTIFICATION TYPE:	INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS
GPS SITING CONFIRMED:	Y
PERSON CONFIRMING:	DAM

TANK NUMBER:	2
INSTALLATION DATE:	19880501
CLOSED DATE:	
STATUS:	TEMPORARILY CLOSED
CONTENTS:	GASOLINE, GASOLINE MIXTURE
CAPACITY IN GALLONS:	8000
COMMENTS:	
CONSTRUCTION MATERIAL:	STEEL
INTERIOR:	NONE
EXTERIOR:	STIP-3
CORROSION PROTECTION:	
LEAK DETECTION:	PERIODIC TANK TIGHTNESS TESTING
PIPING MATERIAL:	STEEL
PIPE CORROSION PROTECTION:	
PIPE LEAK DETECTION:	GROUNDWATER MONITORING
OVERFLOW PROTECTION:	
FINANCIAL RESPONSIBILITY:	
CERTIFICATION TYPE:	INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS
GPS SITING CONFIRMED:	Y
PERSON CONFIRMING:	DAM

TANK NUMBER:	3
INSTALLATION DATE:	19880501
CLOSED DATE:	
STATUS:	TEMPORARILY CLOSED
CONTENTS:	GASOLINE, GASOLINE MIXTURE
CAPACITY IN GALLONS:	6000
COMMENTS:	
CONSTRUCTION MATERIAL:	STEEL
INTERIOR:	NONE
EXTERIOR:	STIP-3

- Continued on next page -

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST	
SEARCH ID: 22	DIST/DIR: 0.08 NE
ELEVATION: 432	MAP ID: 2
NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH	REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE:
CORROSION PROTECTION: LEAK DETECTION: PERIODIC TANK TIGHTNESS TESTING PIPING MATERIAL: STEEL PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: GROUNDWATER MONITORING OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS GPS SITING CONFIRMED: Y PERSON CONFIRMING: DAM	
TANK NUMBER: 4 INSTALLATION DATE: 19880501 CLOSED DATE: STATUS: TEMPORARILY CLOSED CONTENTS: DIESEL, DIESEL MIXTURE CAPACITY IN GALLONS: 2000 COMMENTS: CONSTRUCTION MATERIAL: STEEL INTERIOR: NONE EXTERIOR: STIP-3 CORROSION PROTECTION: LEAK DETECTION: PERIODIC TANK TIGHTNESS TESTING PIPING MATERIAL: STEEL PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: GROUNDWATER MONITORING OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS GPS SITING CONFIRMED: Y PERSON CONFIRMING: DAM	
TANK NUMBER: A1 INSTALLATION DATE: 20110430 CLOSED DATE: STATUS: CURRENTLY OPERATIONAL CONTENTS: GASOLINE, GASOLINE MIXTURE CAPACITY IN GALLONS: 15000 COMMENTS: TK NOT YET INSTALLED CONSTRUCTION MATERIAL: UNKNOWN INTERIOR: UNKNOWN EXTERIOR: UNKNOWN CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: UNKNOWN PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: Y	

- Continued on next page -

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST	
SEARCH ID: 22	DIST/DIR: 0.08 NE
ELEVATION: 432	MAP ID: 2
NAME: UNIVERSITY MARKET ADDRESS: 1108 W CHAPELHILL ST DURHAM NC 27701 DURHAM CONTACT: KHALID SALEH	REV: 6/1/12 ID1: 0-034136 ID2: 00-0-0000034136 STATUS: CURRENTLY OPERATIONAL PHONE:
PERSON CONFIRMING: DAM	
TANK NUMBER: A2A INSTALLATION DATE: 20110430 CLOSED DATE: STATUS: CURRENTLY OPERATIONAL CONTENTS: GASOLINE, GASOLINE MIXTURE CAPACITY IN GALLONS: 5000 COMMENTS: TK NOT YET INSTALLED CONSTRUCTION MATERIAL: UNKNOWN INTERIOR: UNKNOWN EXTERIOR: UNKNOWN CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: UNKNOWN PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: Y PERSON CONFIRMING: DAM	
TANK NUMBER: A2B INSTALLATION DATE: 20110430 CLOSED DATE: STATUS: CURRENTLY OPERATIONAL CONTENTS: DIESEL, DIESEL MIXTURE CAPACITY IN GALLONS: 3000 COMMENTS: TK NOT YET INSTALLED CONSTRUCTION MATERIAL: UNKNOWN INTERIOR: UNKNOWN EXTERIOR: UNKNOWN CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: UNKNOWN PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: Y PERSON CONFIRMING: DAM	

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 63 **DIST/DIR:** 0.08 NE **ELEVATION:** 432 **MAP ID:** 2

NAME: UNIVERSITY MARKET	REV: 6/1/12
ADDRESS: 1108 W CHAPEL HILL ST	ID1: NCI-039049
DURHAM NC 27701	ID2: 39049
DURHAM	STATUS: CURRENT RECORD
CONTACT: KAHLID SALEH	PHONE: 9197898831

REGIONAL UST DATA

UST NUMBER:	RA-6908
INCIDENT NUMBER:	39049
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	JFM
REGIONAL OFFICE:	RAL
DATE OCCURRED:	6/14/2011

RESPONSIBLE COMPANY:

BUY-N-GO
1108 WEST CHAPEL HILL STREET
DURHAM, NC , 27701

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	7/18/2011
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	6/14/2011
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	
POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 63	DIST/DIR: 0.08 NE	ELEVATION: 432	MAP ID: 2
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NAME: UNIVERSITY MARKET
ADDRESS: 1108 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: KAHLID SALEH

REV: 6/1/12
ID1: NCI-039049
ID2: 39049
STATUS: CURRENT RECORD
PHONE: 9197898831

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 12 **DIST/DIR:** 0.08 NE **ELEVATION:** 430 **MAP ID:** 3

NAME: BURTONS AUTO CLINIC
ADDRESS: 1105 W CHAPEL HILL ST
DURHAM NC
DURHAM

REV: 6/1/12
ID1: 3285
ID2: RA-3285
STATUS: CURRENT RECORD
PHONE:

CONTACT:

SITE INFORMATION

INCIDENT NUMBER: 3285
UST NUMBER: RA-3285
DATE OCCURRED:
DATE REPORTED:
DATE CLEANUP STARTED:
DATE CASE CLOSED: 7/10/1986
CURRENT STATUS: CURRENT RECORD
EXTENT OF CONTAMINATION: NONE

RESPONSIBLE PARTY

COMPANY NAME:
CONTACT:
ADDRESS:

LAND OWNER: , NC
OPERATOR: 0
OWNER: 0

SOURCE OF CONTAMINATION: 19
PETROLEUM TYPE: NON PETROLEUM
TANK TYPE:
REGULATED TANK?:

SITE PRIORITY: 0
CURRENT RISK CONDITION:
INITIAL RISK CONDITION:
CORRECTIVE ACTION PLAN:
NUM SUPPLY WELLS: 0

COMMENTS:

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 28 **DIST/DIR:** 0.08 NE **ELEVATION:** 430 **MAP ID:** 3

NAME: BURTONS AUTO CLINIC
ADDRESS: 1105 W CHAPEL HILL ST
DURHAM NC
DURHAM

REV: 10/1/01
ID1: NCI-003285
ID2:
STATUS: CLOSED OUT
PHONE:

CONTACT:

OWNER/OPERATOR:

NO D

DATE OF RELEASE: 7/10/1986
DATE SUBMITTED: 7/10/1986
DESCRIPTION OF INCIDENT:

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: N
MAJOR SOIL CONTAMINATION?:

MATERIAL INVOLVED (1):
AMOUNT LOST (1):
AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):
AMOUNT LOST (2):
AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):
AMOUNT LOST (3):
AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED:
NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?:
SITE PRIORITY: 0
PRIORITY CODE:
PRIORITY UPDATE:

STATUS INFORMATION:

LAST MODIFIED:
INCIDENT PHASE: CLOSED OUT
NOV ISSUED:
NORR ISSUED:
45 DAY REPORT:
CORRECTIVE ACTION PLAN:
CLOSURE REQ DATE:
CLOSE-OUT REPORT:

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 16 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: POLLARDS EXXON (FORMER)
ADDRESS: 906 W CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: MALVERN F. KING, JR.

REV: 12/6/05
ID1: 26367
ID2:
STATUS:
PHONE: 9196883382

SITE INFORMATION

OWNER/OPERATOR: Malvern F. King, Jr.
Pulley, Watson, King and Lischer
P.O. Drawer 3600
Durham NC 27702

DATE OF RELEASE: 8/11/2003

DATE SUBMITTED: 9/9/2003

DESCRIPTION OF INCIDENT: Two (2) 1,000-gallon gasoline UST, One (1) 550-gallon diesel UST and One (1) 280-gallon kerosene UST

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: N

MAJOR SOIL CONTAMINATION?: Y

MATERIAL INVOLVED (1):

AMOUNT LOST (1):

AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):

AMOUNT LOST (2):

AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):

AMOUNT LOST (3):

AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED:

NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?: U

SITE PRIORITY:

PRIORITY CODE:

PRIORITY UPDATE:

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 45 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME:	EXXON - POLLARDS	REV:	6/1/12
ADDRESS:	906 WEST CHAPEL HILL ST	ID1:	NCI-005882
	DURHAM NC 27702	ID2:	5882
	DURHAM	STATUS:	CLOSED OUT
CONTACT:	SANDI MANNS	PHONE:	

REGIONAL UST DATA

UST NUMBER:	RA-884
INCIDENT NUMBER:	5882
CD NUMBER:	
REEL NUMBER:	
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	3/15/1990

RESPONSIBLE COMPANY:

EMILY KRZYZEWSKI FAMILY LIFE C
904 W. CHAPEL HILL STREET
DURHAM, NC , 27701

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	L
RISK:	L
RISK OF INCIDENT:	I
INTERMEDIATE CONDITION:	FG
LAND USE:	RES

CORRECTIVE ACTION PLAN:	OTHER TYPE OF SYSTEM
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RBCA:

CLOSED REVIEW REQUESTED:

CASE CLOSED:

CONTAMINATION:	GROUNDWATER/BOTH
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SUPPLY WELLS:	0
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MTBE IN WELL:	0
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MTBE IN GROUNDWATER:	YES
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LEAK DISCOVERED:	0
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LAND USE RESTRICTION FILED:

CLEAN UP:	6/24/1990
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CURRENT STATUS:	CURRENT RECORD
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RBCA GROUNDWATER:

POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE
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CD NUMBER:

RESPONSIBLE OWNER:	0
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RESPONSIBLE OPERATOR:	0
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RESPONSIBLE LANDOWNER:	0
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COMMENTS:	CAP PHASE
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 45	DIST/DIR: 0.17 NE	ELEVATION: 428	MAP ID: 4
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NAME: EXXON - POLLARDS
ADDRESS: 906 WEST CHAPEL HILL ST
DURHAM NC 27702
DURHAM
CONTACT: SANDI MANNS

REV: 6/1/12
ID1: NCI-005882
ID2: 5882
STATUS: CLOSED OUT
PHONE:

// Soil Remediation Report : Contaminated soil in source areas excavated to maximum exten

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 21 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: POLLARD S SERVICE STATION ADDRESS: W CHAPEL HILL and BUCKANAN DURHAM NC 27702 DURHAM CONTACT: KATHRINE R EVERETT (MRS. RO)	REV: 6/1/12 ID1: 0-026824 ID2: 00-0-0000026824 STATUS: PERM CLOSED REMOVED PHONE:
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SITE INFORMATION

TOTAL NUMBER OF TANKS: 4

CONTACT INFORMATION: KATHRINE R EVERETT (MRS. RO)
PO BOX 586
DURHAM NC 27702

TANK NUMBER: 1
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 1000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 4
MAIN TANK: NO
COMPARTMENT TANK: NO
MANIFOLD TANK:
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: 2
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 5000
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 4
MAIN TANK: NO
COMPARTMENT TANK: NO
MANIFOLD TANK:
COMMERCIAL TANK: YES
REGULATED TANK: YES

TANK NUMBER: 3
ROOT TANK ID:
TANK STATUS:
INSTALLATION DATE:
PERM CLOSED:
CONTENTS: Gasoline, Gas Mix
CAPACITY IN GALLONS: 550
TANK CONSTRUCTION: 3
PIPE CONSTRUCTION: 4

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 21 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: POLLARD S SERVICE STATION	REV: 6/1/12
ADDRESS: W CHAPEL HILL and BUCKANAN	ID1: 0-026824
DURHAM NC 27702	ID2: 00-0-0000026824
DURHAM	STATUS: PERM CLOSED REMOVED
CONTACT: KATHRINE R EVERETT (MRS. RO)	PHONE:

MAIN TANK:	NO
COMPARTMENT TANK:	NO
MANIFOLD TANK:	
COMMERCIAL TANK:	YES
REGULATED TANK:	YES

TANK NUMBER:	4
ROOT TANK ID:	
TANK STATUS:	
INSTALLATION DATE:	
PERM CLOSED:	
CONTENTS:	Oil, New/Used/Mix
CAPACITY IN GALLONS:	550
TANK CONSTRUCTION:	1
PIPE CONSTRUCTION:	1
MAIN TANK:	NO
COMPARTMENT TANK:	NO
MANIFOLD TANK:	
COMMERCIAL TANK:	YES
REGULATED TANK:	YES

REGIONAL UST DATA

UST NUMBER:	RA-884
INCIDENT NUMBER:	5882
CD NUMBER:	
REEL NUMBER:	
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	3/15/1990

RESPONSIBLE COMPANY:

Emily Krzyzewski Family Life C
904 W. Chapel Hill Street
DURHAM ,NC , 27701

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	L
RISK:	L
RISK OF INCIDENT:	I
INTERMEDIATE CONDITION:	FG
LAND USE:	RES

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 21 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: POLLARD S SERVICE STATION ADDRESS: W CHAPEL HILL and BUCKANAN DURHAM NC 27702 DURHAM CONTACT: KATHRINE R EVERETT (MRS. RO)	REV: 6/1/12 ID1: 0-026824 ID2: 00-0-0000026824 STATUS: PERM CLOSED REMOVED PHONE:
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CORRECTIVE ACTION PLAN: OTHER TYPE OF SYSTEM
RBCA:

CLOSED REVIEW REQUESTED:

CASE CLOSED:

CONTAMINATION: GROUNDWATER/BOTH

SUPPLY WELLS: 0

MTBE IN WELL: 0

MTBE IN GROUNDWATER: YES

LEAK DISCOVERED: 0

LAND USE RESTRICTION FILED:

CLEAN UP: 6/24/1990

CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:

POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE

CD NUMBER:

RESPONSIBLE OWNER: 0

RESPONSIBLE OPERATOR: 0

RESPONSIBLE LANDOWNER: 0

COMMENTS: CAP PHASE

// Soil Remediation Report : Contaminated soil in source areas excavated to maximum extent

ARCHIVED INFORMATION AS OF 2011

TANK NUMBER:	1
INSTALLATION DATE:	19590929
CLOSED DATE:	19900910
STATUS:	PERMANENTLY CLOSED
CONTENTS:	GASOLINE, GASOLINE MIXTURE
CAPACITY IN GALLONS:	1000
COMMENTS:	
CONSTRUCTION MATERIAL:	STEEL
INTERIOR:	UNKNOWN
EXTERIOR:	UNKNOWN
CORROSION PROTECTION:	
LEAK DETECTION:	
PIPING MATERIAL:	STEEL
PIPE CORROSION PROTECTION:	
PIPE LEAK DETECTION:	
OVERFLOW PROTECTION:	
FINANCIAL RESPONSIBILITY:	
CERTIFICATION TYPE:	
GPS SITING CONFIRMED:	N
PERSON CONFIRMING:	

TANK NUMBER:	2
INSTALLATION DATE:	19590929
CLOSED DATE:	19900910
STATUS:	PERMANENTLY CLOSED
CONTENTS:	GASOLINE, GASOLINE MIXTURE

- Continued on next page -

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST			
SEARCH ID: 21	DIST/DIR: 0.17 NE	ELEVATION: 428	MAP ID: 4
NAME: POLLARD S SERVICE STATION ADDRESS: W CHAPEL HILL and BUCKANAN DURHAM NC 27702 DURHAM CONTACT: KATHRINE R EVERETT (MRS. RO)		REV: 6/1/12 ID1: 0-026824 ID2: 00-0-0000026824 STATUS: PERM CLOSED REMOVED PHONE:	
CAPACITY IN GALLONS: 5000 COMMENTS: FILLED W/SOLID INERT CONSTRUCTION MATERIAL: STEEL INTERIOR: UNKNOWN EXTERIOR: UNKNOWN CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: STEEL PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: N PERSON CONFIRMING:			
TANK NUMBER: 3 INSTALLATION DATE: 19590929 CLOSED DATE: 19900910 STATUS: PERMANENTLY CLOSED CONTENTS: GASOLINE, GASOLINE MIXTURE CAPACITY IN GALLONS: 550 COMMENTS: CONSTRUCTION MATERIAL: STEEL INTERIOR: UNKNOWN EXTERIOR: UNKNOWN CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: STEEL PIPE CORROSION PROTECTION: PIPE LEAK DETECTION: OVERFLOW PROTECTION: FINANCIAL RESPONSIBILITY: CERTIFICATION TYPE: GPS SITING CONFIRMED: N PERSON CONFIRMING:			
TANK NUMBER: 4 INSTALLATION DATE: 19590929 CLOSED DATE: 19900910 STATUS: PERMANENTLY CLOSED CONTENTS: OIL, NEW/USED/MIXTURE CAPACITY IN GALLONS: 550 COMMENTS: CONSTRUCTION MATERIAL: UNKNOWN INTERIOR: UNKNOWN EXTERIOR: UNKNOWN CORROSION PROTECTION: LEAK DETECTION: PIPING MATERIAL: UNKNOWN PIPE CORROSION PROTECTION:			

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 21 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: POLLARD S SERVICE STATION
ADDRESS: W CHAPEL HILL and BUCKANAN
DURHAM NC 27702
DURHAM
CONTACT: KATHRINE R EVERETT (MRS. RO)

REV: 6/1/12
ID1: 0-026824
ID2: 00-0-0000026824
STATUS: PERM CLOSED REMOVED
PHONE:

PIPE LEAK DETECTION:
OVERFLOW PROTECTION:
FINANCIAL RESPONSIBILITY:
CERTIFICATION TYPE:
GPS SITING CONFIRMED: N
PERSON CONFIRMING:

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 55 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: POLLARDS EXXON (FORMER)
ADDRESS: 906 WEST CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: MALVERN F. KING, JR.

REV: 07/21/06
ID1: NCI-026367
ID2: 26367
STATUS:
PHONE: 9196883382

SITE INFORMATION

OWNER/OPERATOR: Malvern F. King, Jr.
Pulley, Watson, King and Lischer
P.O. Drawer 3600
Durham NC 27702

DATE OF RELEASE: 8/11/2003

DATE SUBMITTED: 9/9/2003

DESCRIPTION OF INCIDENT: Two (2) 1,000-gallon gasoline UST, One (1) 550-gallon diesel UST and One (1) 280-gallon kerosene UST

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: N

MAJOR SOIL CONTAMINATION?: Y

MATERIAL INVOLVED (1):

AMOUNT LOST (1):

AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):

AMOUNT LOST (2):

AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):

AMOUNT LOST (3):

AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED:

NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?: U

SITE PRIORITY:

PRIORITY CODE:

PRIORITY UPDATE:

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 14 **DIST/DIR:** 0.17 NE **ELEVATION:** 428 **MAP ID:** 4

NAME: EXXON - POLLARDS ADDRESS: 906 W CHAPEL HILL ST DURHAM NC DURHAM CONTACT: EVERETT ROBINSON	REV: 12/6/05 ID1: 5882 ID2: STATUS: CLOSED OUT PHONE:
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SITE INFORMATION

OWNER/OPERATOR: EVERETT ROBINSON

301 E. MAIN ST.
DURHAM NC

DATE OF RELEASE: 3/15/1990
DATE SUBMITTED: 9/5/1990
DESCRIPTION OF INCIDENT: TWO OF THE TANKS TESTED FAILED TIGHTNESS TEST. SAMPLES TAKEN FROM SURROUNDING AREA SHOWED CONTAM.

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: Y
MAJOR SOIL CONTAMINATION?: N

MATERIAL INVOLVED (1): GASOLINE
AMOUNT LOST (1):
AMOUNT RECOVERED (1): UNK

MATERIAL INVOLVED (2):
AMOUNT LOST (2):
AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):
AMOUNT LOST (3):
AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED: 0
NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?: L
SITE PRIORITY: 45
PRIORITY CODE:
PRIORITY UPDATE:

STATUS INFORMATION:

LAST MODIFIED: 3/3/1999
INCIDENT PHASE: CLOSED OUT
NOV ISSUED:
NORR ISSUED:
45 DAY REPORT:
CORRECTIVE ACTION PLAN:
CLOSURE REQ DATE:
CLOSE-OUT REPORT: 8/1/1990

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 14	DIST/DIR: 0.17 NE	ELEVATION: 428	MAP ID: 4
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NAME: EXXON - POLLARDS
ADDRESS: 906 W CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: EVERETT ROBINSON

REV: 12/6/05
ID1: 5882
ID2:
STATUS: CLOSED OUT
PHONE:

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 49 **DIST/DIR:** 0.19 NE **ELEVATION:** 422 **MAP ID:** 5

NAME: IMMACULATE CONCEPTION CHURCH
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: ARTHUR E. WESCHE

REV: 6/1/12
ID1: NCI-024205
ID2: 24205
STATUS: RESPONSE
PHONE: 919/ 821-9726

REGIONAL UST DATA

UST NUMBER: RA-4058
INCIDENT NUMBER: 24205
CD NUMBER:
REEL NUMBER:
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 2/13/2002

RESPONSIBLE COMPANY:

ROMAN CATHOLIC DIOCESE OF RAL.
715 NAZARETH STREET
RALEIGH ,NC , 27607-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT: 4/24/2002
VIOLATION:

PHASE REQUIRED: 1
SITE PRIORITY:
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:

RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED:
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 2/13/2002
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:

POLLUTANT TYPE: HEATING OIL

CD NUMBER:
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

SAR NORR sent out on 04/24/2002. 04/24/2002, JFM //// LUR NORR sent out on 10/07/2002.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 49	DIST/DIR: 0.19 NE	ELEVATION: 422	MAP ID: 5
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NAME: IMMACULATE CONCEPTION CHURCH
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: ARTHUR E. WESCHE

REV: 6/1/12
ID1: NCI-024205
ID2: 24205
STATUS: RESPONSE
PHONE: 919/ 821-9726

10/03/2002, JFM ////

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 29 **DIST/DIR:** 0.19 NE **ELEVATION:** 422 **MAP ID:** 5

NAME: CHURCH OF THE IMMACULATE CONCE ADDRESS: 810 W CHAPEL HILL ST DURHAM NC 27701 DURHAM CONTACT: DON STIAB	REV: 6/1/12 ID1: NCI-012883 ID2: 12883 STATUS: RESPONSE PHONE: 682-3449
---	--

REGIONAL UST DATA

UST NUMBER: INCIDENT NUMBER: CD NUMBER: REEL NUMBER: REGIONAL CONTACT: REGIONAL OFFICE: DATE OCCURRED:	RA-2120 12883 MRP RAL 9/16/1994
---	---

RESPONSIBLE COMPANY:

FATHER DONALD STIAB
801 CHAPEL HILL ST
DURHAM ,NC , 27705-

SOURCE: PETROLEUM TYPE: COMMERCIAL/NONCOMMERCIAL: REGULATED: REGULATORY REQUIREMENT: VIOLATION:	LEAK, UST PETROLEUM NON COMMERCIAL NON REGULATED
--	---

PHASE REQUIRED: SITE PRIORITY: RISK: RISK OF INCIDENT: INTERMEDIATE CONDITION: LAND USE:	30E L L RES
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CORRECTIVE ACTION PLAN: RBCA: CLOSED REVIEW REQUESTED: CASE CLOSED: CONTAMINATION: SUPPLY WELLS: MTBE IN WELL: MTBE IN GROUNDWATER:	GROUNDWATER/BOTH 0 0 NO
--	----------------------------------

LEAK DISCOVERED: LAND USE RESTRICTION FILED: CLEAN UP: CURRENT STATUS:	0 9/19/1994 CURRENT RECORD
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RBCA GROUNDWATER: POLLUTANT TYPE: CD NUMBER:	CLEANUPS TO ALTERNATE STANDARDS HEATING OIL
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RESPONSIBLE OWNER: RESPONSIBLE OPERATOR: RESPONSIBLE LANDOWNER: COMMENTS:	0 0 0
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//UST discovered during site construction. (Previously filled with sand?) Tank could not be

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 29 **DIST/DIR:** 0.19 NE **ELEVATION:** 422 **MAP ID:** 5

NAME: CHURCH OF THE IMMACULATE CONCE
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: DON STIAB

REV: 6/1/12
ID1: NCI-012883
ID2: 12883
STATUS: RESPONSE
PHONE: 682-3449

removed because it extends under the foundation of an electrical transformer, so it was closed in place with concrete grout. Soil samples indicate soil contaminati

*Environmental FirstSearch
Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 15 **DIST/DIR:** 0.19 NE **ELEVATION:** 422 **MAP ID:** 5

NAME: IMMACULATE CONCEPTION CHURCH	REV: 12/6/05
ADDRESS: 810 W CHAPEL HILL ST	ID1: 24205
DURHAM NC	ID2:
DURHAM	STATUS: RESPONSE
CONTACT: ARTHUR E. WESCHE	PHONE: 919/ 821-9726

SITE INFORMATION

OWNER/OPERATOR: ARTHUR E. WESCHE
ROMAN CATHOLIC DIOCESE OF RAL.
715 NAZARETH STREET
RALEIGH NC 27607-

DATE OF RELEASE: 2/13/2002
DATE SUBMITTED: 5/1/2002
DESCRIPTION OF INCIDENT: ONE 550 GALLON 2 HEATING OIL UST REMOVED. SOIL CONTAMINATION DETECTED IN SAMPLES.
SOIL SWG MSCC and GW 2L

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: Y
MAJOR SOIL CONTAMINATION?: N

MATERIAL INVOLVED (1):
AMOUNT LOST (1):
AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):
AMOUNT LOST (2):
AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):
AMOUNT LOST (3):
AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED:
NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?: L
SITE PRIORITY: U
PRIORITY CODE:
PRIORITY UPDATE: 5/1/2002

STATUS INFORMATION:

LAST MODIFIED: 5/1/2002
INCIDENT PHASE: RESPONSE
NOV ISSUED:
NORR ISSUED:
45 DAY REPORT:
CORRECTIVE ACTION PLAN:
CLOSURE REQ DATE:
CLOSE-OUT REPORT:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 15	DIST/DIR: 0.19 NE	ELEVATION: 422	MAP ID: 5
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NAME: IMMACULATE CONCEPTION CHURCH
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: ARTHUR E. WESCHE

REV: 12/6/05
ID1: 24205
ID2:
STATUS: RESPONSE
PHONE: 919/ 821-9726

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 20 **DIST/DIR:** 0.19 NE **ELEVATION:** 422 **MAP ID:** 5

NAME: IMMACULATE CONCEPTION CHURCH
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC 27701
CONTACT: ARTHUR E. WESCHE

REV: 6/1/12
ID1: RA-4058
ID2:
STATUS: UNKNOWN
PHONE: 919/ 821-9726

SITE INFORMATION

REGIONAL UST DATA

UST NUMBER: RA-4058
INCIDENT NUMBER: 24205
CD NUMBER:
REEL NUMBER:
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 2/13/2002

RESPONSIBLE COMPANY:

ROMAN CATHOLIC DIOCESE OF RAL
715 NAZARETH STREET
RALEIGH ,NC , 27607-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT: 4/24/2002
VIOLATION:

PHASE REQUIRED: 1
SITE PRIORITY:
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:

RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED:
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 2/13/2002
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER:
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 20	DIST/DIR: 0.19 NE	ELEVATION: 422	MAP ID: 5
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NAME: IMMACULATE CONCEPTION CHURCH
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: ARTHUR E. WESCHE

REV: 6/1/12
ID1: RA-4058
ID2:
STATUS: UNKNOWN
PHONE: 919/ 821-9726

RESPONSIBLE LANDOWNER:

0

COMMENTS:

10/03/2002, JFM ////

SAR NORR sent out on 04/24/2002. 04/24/2002, JFM //// LUR NORR sent out on 10/07/2002.

ARCHIVED INFORMATION AS OF 2011

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 13 **DIST/DIR:** 0.19 NE **ELEVATION:** 422 **MAP ID:** 5

NAME: CHURCH OF THE IMMACULATE CONCE
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: DON STIAB

REV: 12/6/05
ID1: 12883
ID2:
STATUS: RESPONSE
PHONE: 682-3449

SITE INFORMATION

OWNER/OPERATOR: DON STIAB
FATHER DONALD STIAB
801 CHAPEL HILL ST
DURHAM NC 27705-

DATE OF RELEASE: 9/16/1994
DATE SUBMITTED: 10/20/1994
DESCRIPTION OF INCIDENT: TANK DISCOVERED DURNNG SITE CONTRUCTION MINOR SOIL CONTAMINATION CONFIRMED
TANK CLOSED IN PLACE

CONTAMINATION INFORMATION

GROUNDWATER CONTAMINATED?: Y
MAJOR SOIL CONTAMINATION?: N

MATERIAL INVOLVED (1): 2 FUEL OIL
AMOUNT LOST (1):
AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):
AMOUNT LOST (2):
AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):
AMOUNT LOST (3):
AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED: 0
NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:

RISK SITE?: L
SITE PRIORITY: 30E
PRIORITY CODE: L
PRIORITY UPDATE: 4/16/1998

STATUS INFORMATION:

LAST MODIFIED:
INCIDENT PHASE: RESPONSE
NOV ISSUED:
NORR ISSUED:
45 DAY REPORT:
CORRECTIVE ACTION PLAN:
CLOSURE REQ DATE:
CLOSE-OUT REPORT:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

SPILLS

SEARCH ID: 13	DIST/DIR: 0.19 NE	ELEVATION: 422	MAP ID: 5
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NAME: CHURCH OF THE IMMACULATE CONCE
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC
DURHAM
CONTACT: DON STIAB

REV: 12/6/05
ID1: 12883
ID2:
STATUS: RESPONSE
PHONE: 682-3449

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST			
SEARCH ID: 19	DIST/DIR: 0.19 NE	ELEVATION: 422	MAP ID: 5
NAME: CHURCH OF THE IMMACULATE CONCE		REV: 6/1/12	
ADDRESS: 810 W CHAPEL HILL ST		ID1: RA-2120	
DURHAM NC 27701		ID2:	
DURHAM		STATUS: UNKNOWN	
CONTACT: DON STIAB		PHONE: 682-3449	
<u>SITE INFORMATION</u>			
<u>REGIONAL UST DATA</u>			
UST NUMBER:		RA-2120	
INCIDENT NUMBER:		12883	
CD NUMBER:			
REEL NUMBER:			
REGIONAL CONTACT:		MRP	
REGIONAL OFFICE:		RAL	
DATE OCCURRED:		9/16/1994	
<u>RESPONSIBLE COMPANY:</u>			
		FATHER DONALD STIAB 801 CHAPEL HILL ST DURHAM ,NC , 27705-	
SOURCE:		LEAK, UST	
PETROLEUM TYPE:		PETROLEUM	
COMMERCIAL/NONCOMMERCIAL:		NON COMMERCIAL	
REGULATED:		NON REGULATED	
REGULATORY REQUIREMENT:			
VIOLATION:			
PHASE REQUIRED:			
SITE PRIORITY:		30E	
RISK:		L	
RISK OF INCIDENT:		L	
INTERMEDIATE CONDITION:			
LAND USE:		RES	
<u>CORRECTIVE ACTION PLAN:</u>			
RBCA:			
CLOSED REVIEW REQUESTED:			
CASE CLOSED:			
CONTAMINATION:		GROUNDWATER/BOTH	
SUPPLY WELLS:		0	
MTBE IN WELL:		0	
MTBE IN GROUNDWATER:		NO	
LEAK DISCOVERED:		0	
LAND USE RESTRICTION FILED:			
CLEAN UP:		9/19/1994	
CURRENT STATUS:		CURRENT RECORD	
RBCA GROUNDWATER:		CLEANUPS TO ALTERNATE STANDARDS	
POLLUTANT TYPE:		HEATING OIL	
CD NUMBER:			
RESPONSIBLE OWNER:		0	
RESPONSIBLE OPERATOR:		0	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

UST

SEARCH ID: 19	DIST/DIR: 0.19 NE	ELEVATION: 422	MAP ID: 5
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NAME: CHURCH OF THE IMMACULATE CONCE
ADDRESS: 810 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: DON STIAB

REV: 6/1/12
ID1: RA-2120
ID2:
STATUS: UNKNOWN
PHONE: 682-3449

RESPONSIBLE LANDOWNER: 0

COMMENTS: //UST discovered during site construction. (Previously filled with sand?) Tank could not be removed because it extends under the foundation of an electrical transformer, so it was closed in place with concrete grout. Soil samples indicate soil contaminati

ARCHIVED INFORMATION AS OF 2011

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 32 **DIST/DIR:** 0.30 NW **ELEVATION:** 361 **MAP ID:** 6

NAME: DUKE - ASIAN/PACIFIC ADDRESS: 2111 CAMPUS DR DURHAM NC 27706 DURHAM	REV: 6/1/12 ID1: NCI-008346 ID2: 8346 STATUS: CLOSED OUT PHONE: 9196843611
CONTACT:	

REGIONAL UST DATA

UST NUMBER:	RA-1312
INCIDENT NUMBER:	8346
CD NUMBER:	44
REEL NUMBER:	102
REGIONAL CONTACT:	STA
REGIONAL OFFICE:	RAL
DATE OCCURRED:	1/2/1991

RESPONSIBLE COMPANY:

DUKE UNIVERSITY
200 FACILITIES OPERATIONS
DURHAM, NC, 27706-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	0
RISK:	
RISK OF INCIDENT:	
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:	
RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	6/12/1992
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	
CURRENT STATUS:	ARCHIVED

RBCA GROUNDWATER:	
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	44
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 32 **DIST/DIR:** 0.30 NW **ELEVATION:** 361 **MAP ID:** 6

NAME: DUKE - ASIAN/PACIFIC
ADDRESS: 2111 CAMPUS DR
DURHAM NC 27706
DURHAM

REV: 6/1/12
ID1: NCI-008346
ID2: 8346
STATUS: CLOSED OUT
PHONE: 9196843611

CONTACT:

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 24 **DIST/DIR:** 0.32 NE **ELEVATION:** 414 **MAP ID:** 7

NAME: BAILEY S 66
ADDRESS: 617 WEST CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT:

REV: 6/1/12
ID1: NCI-010299
ID2: 10299
STATUS: CLOSED OUT
PHONE:

REGIONAL UST DATA

UST NUMBER: RA-1645
INCIDENT NUMBER: 10299
CD NUMBER: 260
REEL NUMBER: 21
REGIONAL CONTACT: RMR
REGIONAL OFFICE: RAL
DATE OCCURRED: 2/19/1993

RESPONSIBLE COMPANY:

KENAN OIL CO.
100 EUROPA DR.
CHAPEL HILL ,NC , 27514-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED: 1
SITE PRIORITY: 0
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:

RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED: 11/5/2004
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP:
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER: 260
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

Mickey Roberts reviewed report 10/28/04. File was in open files and does not appear that it should

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 24 **DIST/DIR:** 0.32 NE **ELEVATION:** 414 **MAP ID:** 7

NAME: BAILEY S 66
ADDRESS: 617 WEST CHAPEL HILL ST
DURHAM NC 27701
DURHAM

REV: 6/1/12
ID1: NCI-010299
ID2: 10299
STATUS: CLOSED OUT
PHONE:

CONTACT:

have been closed but database indicated it was closed 2/19/93. 2/1/93 - UST CLO rtp submitted:
1x1K gal and 2x6K gas USTs were located at site. During closure activities on 01/19/93 1x6K orphan UST located. USTs removed on 1/19/93. Soils >
TPH. 11/2/04 - Soil Excavation Rpt dated 07/18/93 received. 999.33 tons of contaminated soil excavated 6/3/04-6/7/04.
Confirmation samples were <10ppm, 11/3/04, RMR. 11/5/04 - NFA Issued. - CED ////

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 58 **DIST/DIR:** 0.35 SE **ELEVATION:** 397 **MAP ID:** 8

NAME: SLAUGHTER PROPERTY (LINDA 1) ADDRESS: 810 VICKERS AVE DURHAM NC 27701 DURHAM CONTACT: LINDA SLAUGHTER	REV: 6/1/12 ID1: NCI-033348 ID2: 33348 STATUS: CURRENT RECORD PHONE: 9196884577
--	--

REGIONAL UST DATA

UST NUMBER:	RA-5802
INCIDENT NUMBER:	33348
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	wth
REGIONAL OFFICE:	RAL
DATE OCCURRED:	7/9/2007

RESPONSIBLE COMPANY:

814 VICKERS AVE
DURHAM ,NC , 27701

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:	
RBCA:	RESIDENTIAL
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	10/30/2007
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	NO

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 58	DIST/DIR: 0.35 SE	ELEVATION: 397	MAP ID: 8
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NAME: SLAUGHTER PROPERTY (LINDA 1)
ADDRESS: 810 VICKERS AVE
DURHAM NC 27701
DURHAM
CONTACT: LINDA SLAUGHTER

REV: 6/1/12
ID1: NCI-033348
ID2: 33348
STATUS: CURRENT RECORD
PHONE: 9196884577

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST			
SEARCH ID: 60	DIST/DIR: 0.35 SE	ELEVATION: 397	MAP ID: 8
NAME: SLAUGHTER PROPERTY (LINDA) ADDRESS: 810 VICKERS AVE DURHAM NC 27701 DURHAM		REV: 8/31/07 ID1: NCI-033343 ID2: 33343 STATUS: CURRENT RECORD PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 59 **DIST/DIR:** 0.35 SE **ELEVATION:** 397 **MAP ID:** 9

NAME: SLAUGHTER PROPERTY (LINDA 2) ADDRESS: 814 VICKERS AVE DURHAM NC 27701 DURHAM CONTACT: LINDA SLAUGHTER	REV: 6/1/12 ID1: NCI-033347 ID2: 33347 STATUS: CURRENT RECORD PHONE: 9196884577
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REGIONAL UST DATA

UST NUMBER:	RA-5801
INCIDENT NUMBER:	33347
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	wth
REGIONAL OFFICE:	RAL
DATE OCCURRED:	7/9/2007

RESPONSIBLE COMPANY:

814 VICKERS AVE
DURHAM ,NC , 27701

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:	
RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	
CONTAMINATION:	NONE
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 59	DIST/DIR: 0.35 SE	ELEVATION: 397	MAP ID: 9
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NAME: SLAUGHTER PROPERTY (LINDA 2)
ADDRESS: 814 VICKERS AVE
DURHAM NC 27701
DURHAM
CONTACT: LINDA SLAUGHTER

REV: 6/1/12
ID1: NCI-033347
ID2: 33347
STATUS: CURRENT RECORD
PHONE: 9196884577

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 33 **DIST/DIR:** 0.36 NW **ELEVATION:** 363 **MAP ID:** 10

NAME:	DUKE - DEVELOPMENT SITE	REV:	6/1/12
ADDRESS:	2127 CAMPUS DR	ID1:	NCL-008349
	DURHAM NC 27706	ID2:	8349
	DURHAM	STATUS:	CLOSED OUT
CONTACT:		PHONE:	9196843611

REGIONAL UST DATA

UST NUMBER:	RA-1315
INCIDENT NUMBER:	8349
CD NUMBER:	44
REEL NUMBER:	102
REGIONAL CONTACT:	STA
REGIONAL OFFICE:	RAL
DATE OCCURRED:	12/18/1990

RESPONSIBLE COMPANY:

DUKE UNIVERSTY
200 FACILITIES OPERATIONS
DURHAM, NC, 27706-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	0
RISK:	
RISK OF INCIDENT:	
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:

RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	6/12/1992
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	
CURRENT STATUS:	ARCHIVED

RBCA GROUNDWATER:	
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	44
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST			
SEARCH ID: 33	DIST/DIR: 0.36 NW	ELEVATION: 363	MAP ID: 10
NAME: DUKE - DEVELOPMENT SITE		REV: 6/1/12	
ADDRESS: 2127 CAMPUS DR		ID1: NCI-008349	
DURHAM NC 27706		ID2: 8349	
DURHAM		STATUS: CLOSED OUT	
CONTACT:		PHONE: 9196843611	

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
 DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 38 **DIST/DIR:** 0.37 NE **ELEVATION:** 400 **MAP ID:** 11

NAME: DUKE UNIVERSITY CAMPUS TRANSIT
ADDRESS: 712 WILKERSON AVE
 DURHAM NC 27710
 DURHAM
CONTACT: RANDY STRICKLAND

REV: 6/1/12
ID1: NCI-016162
ID2: 16162
STATUS: RESPONSE
PHONE: 919-684-3611

REGIONAL UST DATA

UST NUMBER: RA-2601
INCIDENT NUMBER: 16162
CD NUMBER:
REEL NUMBER:
REGIONAL CONTACT: WER
REGIONAL OFFICE: RAL
DATE OCCURRED: 1/13/1994

RESPONSIBLE COMPANY:

DUKE UNIVERSITY
 P.O. BOX 90149
 DURHAM, NC , 27708-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 80E
RISK: L
RISK OF INCIDENT: I
INTERMEDIATE CONDITION: FREE PRODUCT
LAND USE: RES

CORRECTIVE ACTION PLAN:

RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED:
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: YES

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 1/13/1994
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER:
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS: MAJOR SOIL CONTAM..FREE PRODUCT BUT NO FOLLOW UP..

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 38	DIST/DIR: 0.37 NE	ELEVATION: 400	MAP ID: 11
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NAME: DUKE UNIVERSITY CAMPUS TRANSIT
ADDRESS: 712 WILKERSON AVE
DURHAM NC 27710
DURHAM
CONTACT: RANDY STRICKLAND

REV: 6/1/12
ID1: NCI-016162
ID2: 16162
STATUS: RESPONSE
PHONE: 919-684-3611

//CSA Review: Report combines this incident w/ Duke University Surplus Bldg incident. (Incident 16486.) Releases were on different s

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 39 **DIST/DIR:** 0.37 NE **ELEVATION:** 400 **MAP ID:** 11

NAME:	DUKE UNIVERSITY SURPLUS BLDG.	REV:	6/1/12
ADDRESS:	712 WILKERSON AVE	ID1:	NCI-016486
	DURHAM NC 27701	ID2:	16486
	DURHAM	STATUS:	RESPONSE
CONTACT:	KAREN TRIMBERGER	PHONE:	9196842794

REGIONAL UST DATA

UST NUMBER:	RA-2642
INCIDENT NUMBER:	16486
CD NUMBER:	
REEL NUMBER:	
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	1/31/1995

RESPONSIBLE COMPANY:

DUKE UNIVERSITY
P.O. BOX 3914
DURHAM ,NC , 27710-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	2/18/2002
VIOLATION:	
PHASE REQUIRED:	I
SITE PRIORITY:	20E
RISK:	L
RISK OF INCIDENT:	I
INTERMEDIATE CONDITION:	GROSS CONTAMINENT
LAND USE:	

CORRECTIVE ACTION PLAN:

RBCA:

CLOSED REVIEW REQUESTED:

CASE CLOSED:

CONTAMINATION:	GROUNDWATER/BOTH
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SUPPLY WELLS:	0
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MTBE IN WELL:	0
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MTBE IN GROUNDWATER:	YES
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LEAK DISCOVERED:	0
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LAND USE RESTRICTION FILED:

CLEAN UP:	1/31/1995
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CURRENT STATUS:	CURRENT RECORD
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RBCA GROUNDWATER:

POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE
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CD NUMBER:	
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RESPONSIBLE OWNER:	0
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RESPONSIBLE OPERATOR:	0
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RESPONSIBLE LANDOWNER:	0
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COMMENTS:	MAJOR SOIL CONTAM..
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 39 **DIST/DIR:** 0.37 NE **ELEVATION:** 400 **MAP ID:** 11

NAME: DUKE UNIVERSITY SURPLUS BLDG.
ADDRESS: 712 WILKERSON AVE
DURHAM NC 27701
DURHAM
CONTACT: KAREN TRIMBERGER

REV: 6/1/12
ID1: NCI-016486
ID2: 16486
STATUS: RESPONSE
PHONE: 9196842794

//CSA Review: Report combines this incident w/ Duke University Surplus Bldg incident. (Incident

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 46 **DIST/DIR:** 0.37 NW **ELEVATION:** 376 **MAP ID:** 12

NAME: GOPEN RESIDENCE, GEORGE
ADDRESS: 613 SWIFT AVE
DURHAM NC 27701
DURHAM
CONTACT: GEORGE GOPEN

REV: 6/1/12
ID1: NCI-023584
ID2: 23584
STATUS: CLOSED OUT
PHONE: 9193847175

REGIONAL UST DATA

UST NUMBER: RA-3915
INCIDENT NUMBER: 23584
CD NUMBER: 313
REEL NUMBER: 228
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 1/2/2001

RESPONSIBLE COMPANY:

(SEE LONGNOTES SECTION)
3415 STONEYBROOK DRIVE
DURHAM, NC, 27705-2424

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT: 8/7/2001
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY:
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:
RBCA: INDUSTRIAL/COMMERCIAL
CLOSED REVIEW REQUESTED:
CASE CLOSED: 8/25/2005
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED: 9/9/2005
CLEAN UP: 1/2/2001
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER: CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 313
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS: NRP filed with Durham County Reg of Deeds 9/9/05, Book 4947, Page 140-143, RKD.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 46	DIST/DIR: 0.37 NW	ELEVATION: 376	MAP ID: 12
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NAME: GOPEN RESIDENCE, GEORGE
ADDRESS: 613 SWIFT AVE
DURHAM NC 27701
DURHAM
CONTACT: GEORGE GOPEN

REV: 6/1/12
ID1: NCI-023584
ID2: 23584
STATUS: CLOSED OUT
PHONE: 9193847175

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 47 **DIST/DIR:** 0.37 NW **ELEVATION:** 376 **MAP ID:** 12

NAME: GOPEN, GEORGE - RESIDENCE
ADDRESS: 613 SWIFT AVE
DURHAM NC 27701
DURHAM
CONTACT: GEORGE GOPEN

REV: 6/1/12
ID1: NCI-023830
ID2: 23830
STATUS: CLOSED OUT
PHONE: 919/489-7174

REGIONAL UST DATA

UST NUMBER: RA-3963
INCIDENT NUMBER: 23830
CD NUMBER:
REEL NUMBER:
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 12/22/2000

RESPONSIBLE COMPANY:

3415 STONEYBROOK DRIVE
DURHAM ,NC , 27705-2424

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT: 6/12/2001
VIOLATION:

PHASE REQUIRED: 1
SITE PRIORITY:
RISK:
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:
RBCA: RESIDENTIAL
CLOSED REVIEW REQUESTED:
CASE CLOSED: 8/25/2005
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 12/22/2000
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER:
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS: Inc. 23594 is a duplicate of this site. 04/08/2003, JFM ///

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 47	DIST/DIR: 0.37 NW	ELEVATION: 376	MAP ID: 12
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NAME: GOPEN, GEORGE - RESIDENCE
ADDRESS: 613 SWIFT AVE
DURHAM NC 27701
DURHAM
CONTACT: GEORGE GOPEN

REV: 6/1/12
ID1: NCI-023830
ID2: 23830
STATUS: CLOSED OUT
PHONE: 919/489-7174

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 30 **DIST/DIR:** 0.37 SE **ELEVATION:** 372 **MAP ID:** 13

NAME:	DEASON RESIDENCE (BARBARA)	REV:	6/1/12
ADDRESS:	813 VICKERS AVE	ID1:	NCI-026299
	DURHAM NC 27701	ID2:	26299
	DURHAM	STATUS:	CLOSED OUT
CONTACT:		PHONE:	9196829074

REGIONAL UST DATA

UST NUMBER:	RA-4561
INCIDENT NUMBER:	26299
CD NUMBER:	260
REEL NUMBER:	20
REGIONAL CONTACT:	MRP
REGIONAL OFFICE:	RAL
DATE OCCURRED:	6/2/2003

RESPONSIBLE COMPANY:

BARBARA DEASON
813 VICKERS AVE.
DURHAM ,NC , 27701-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	1
SITE PRIORITY:	
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	RESIDENTIAL
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	8/16/2004
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	6/2/2003
CURRENT STATUS:	ARCHIVED

RBCA GROUNDWATER:	CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	260
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	Need a public notice soil is above soil to groundwater but < residential. NFA sent on August 16,

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 30	DIST/DIR: 0.37 SE	ELEVATION: 372	MAP ID: 13
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NAME: DEASON RESIDENCE (BARBARA)
ADDRESS: 813 VICKERS AVE
DURHAM NC 27701
DURHAM

REV: 6/1/12
ID1: NCI-026299
ID2: 26299
STATUS: CLOSED OUT
PHONE: 9196829074

CONTACT:

2004 ZMB

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST	
SEARCH ID: 56	DIST/DIR: 0.38 SE
ELEVATION: 376	MAP ID: 14
NAME: POU RESIDENCE (CHERYL) ADDRESS: 811 VICKERS AVE DURHAM NC 27701 DURHAM CONTACT:	
REV: 6/1/12 ID1: NCI-026298 ID2: 26298 STATUS: CLOSED OUT PHONE: 9196885315	
<u>REGIONAL UST DATA</u>	
UST NUMBER:	RA-4559
INCIDENT NUMBER:	26298
CD NUMBER:	225
REEL NUMBER:	80
REGIONAL CONTACT:	JFM
REGIONAL OFFICE:	RAL
DATE OCCURRED:	6/2/2003
<u>RESPONSIBLE COMPANY:</u>	
	CHERYL POU 811 VICKERS AVE. DURHAM, NC, 27701-
SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	
PHASE REQUIRED:	1
SITE PRIORITY:	
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES
CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	11/25/2003
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	NO
LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	6/2/2003
CURRENT STATUS:	ARCHIVED
RBCA GROUNDWATER:	CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	225
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	06/24/03 - 20-Day submitted: Release discovered following removal of 550-gal heating oil UST on

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 56	DIST/DIR: 0.38 SE	ELEVATION: 376	MAP ID: 14
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NAME: POU RESIDENCE (CHERYL)
ADDRESS: 811 VICKERS AVE
DURHAM NC 27701
DURHAM

REV: 6/1/12
ID1: NCI-026298
ID2: 26298
STATUS: CLOSED OUT
PHONE: 9196885315

CONTACT:

6/9/03. Approx. 7.1 tons impacted soil removed. Soils > TPH and S-GW MSCCs. - CED ////

06/30/03 - Response to 20-Day -

Environmental FirstSearch Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 57 **DIST/DIR:** 0.38 SE **ELEVATION:** 379 **MAP ID:** 15

NAME:	ROBERGE PROPERTY	REV:	6/1/12
ADDRESS:	1005 ARNETTE AVE	ID1:	NCI-039000
	DURHAM NC 27707	ID2:	39000
	DURHAM	STATUS:	CURRENT RECORD
CONTACT:	ANNA ROBERGE	PHONE:	3032150080

REGIONAL UST DATA

UST NUMBER:	RA-6856
INCIDENT NUMBER:	39000
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	4/5/2011

RESPONSIBLE COMPANY:

17752 14TH AVE
GOLDEN ,CO , 80401

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	
RISK:	
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	4/21/2011
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	4/11/2011
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

*Environmental FirstSearch
Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 57 **DIST/DIR:** 0.38 SE **ELEVATION:** 379 **MAP ID:** 15

NAME: ROBERGE PROPERTY
ADDRESS: 1005 ARNETTE AVE
DURHAM NC 27707
DURHAM
CONTACT: ANNA ROBERGE

REV: 6/1/12
ID1: NCI-039000
ID2: 39000
STATUS: CURRENT RECORD
PHONE: 3032150080

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 41 **DIST/DIR:** 0.39 NE **ELEVATION:** 406 **MAP ID:** 16

NAME: DURHAM CTY SCH/OLD MAINT
ADDRESS: 923 MAXWELL AVE
DURHAM NC 27701
DURHAM
CONTACT: KEN JEFFRIES

REV: 6/1/12
ID1: NCI-006893
ID2: 6893
STATUS: CLOSED OUT
PHONE: 919 560-2360

REGIONAL UST DATA

UST NUMBER: RA-1060
INCIDENT NUMBER: 6893
CD NUMBER: 308
REEL NUMBER: 207
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 4/18/1991

RESPONSIBLE COMPANY:

DURHAM CITY SCHOOLS
808 BACON STREET
DURHAM ,NC , 27701-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 70E
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA: INDUSTRIAL/COMMERCIAL
CLOSED REVIEW REQUESTED:
CASE CLOSED: 7/12/2006
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: YES

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED: 7/24/2006
CLEAN UP:
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER: CLEANUPS TO ALTERNATE STANDARDS
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER: 308
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS: Site Visit 03/10/2005, no WSW < 1.5K of site. 03/10/2005, JFM/////

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 41	DIST/DIR: 0.39 NE	ELEVATION: 406	MAP ID: 16
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NAME: DURHAM CTY SCH/OLD MAINT
ADDRESS: 923 MAXWELL AVE
DURHAM NC 27701
DURHAM
CONTACT: KEN JEFFRIES

REV: 6/1/12
ID1: NCI-006893
ID2: 6893
STATUS: CLOSED OUT
PHONE: 919 560-2360

//Deadline for monitoring report submission extended to 5-28-06. -MRP////Only TPH soil data available
- have to assume any remaining contamination exceeds residential MSCCs. GW contamination exceeds 2L. Low risk - issuing NFA w/ soil and GW NRP.
-MRP// NRP recorded by Durham County Reg of Deeds 7/24/06, Book RE 5294, Page 825-829, RKD.

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 44 **DIST/DIR:** 0.39 SE **ELEVATION:** 399 **MAP ID:** 17

NAME:	EDWARDS RESIDENCE	REV:	6/1/12
ADDRESS:	914 VICKERS AVE	ID1:	NCI-033335
	DURHAM NC 27701	ID2:	33335
	DURHAM	STATUS:	CURRENT RECORD
CONTACT:		PHONE:	9196882562

SITE INFORMATION

REGIONAL UST DATA

UST NUMBER:	RA-23
INCIDENT NUMBER:	33335
CD NUMBER:	
REEL NUMBER:	
REGIONAL CONTACT:	STA
REGIONAL OFFICE:	RAL
DATE OCCURRED:	2/24/1997

RESPONSIBLE COMPANY:

DANIEL EDWARDS
914 VICKERS AVE.
DURHAM, NC, 27701-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	0
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:

RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	12/14/1998
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN
LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	2/24/1997
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 44	DIST/DIR: 0.39 SE	ELEVATION: 399	MAP ID: 17
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NAME: EDWARDS RESIDENCE
ADDRESS: 914 VICKERS AVE
DURHAM NC 27701
DURHAM

REV: 6/1/12
ID1: NCI-033335
ID2: 33335
STATUS: CURRENT RECORD
PHONE: 9196882562

CONTACT:

RESPONSIBLE LANDOWNER: 0
COMMENTS:

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 23 **DIST/DIR:** 0.39 NE **ELEVATION:** 420 **MAP ID:** 18

NAME: ANDY S HANDY MART
ADDRESS: 601 WEST CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: MARION ERWIN

REV: 6/1/12
ID1: NCI-013386
ID2: 13386
STATUS: CLOSED OUT
PHONE: 919-682-9168

REGIONAL UST DATA

UST NUMBER: RA-2188
INCIDENT NUMBER: 13386
CD NUMBER: 166
REEL NUMBER: 163
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 7/26/1994

RESPONSIBLE COMPANY:

ERWIN OIL COMPANY
P.O. BOX 1971
DURHAM ,NC , 27702-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: BOTH
REGULATED: REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 30E
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA: SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:
CASE CLOSED: 10/31/2001
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 7/26/1994
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER: 166
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 23	DIST/DIR: 0.39 NE	ELEVATION: 420	MAP ID: 18
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NAME: ANDY S HANDY MART
ADDRESS: 601 WEST CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: MARION ERWIN

REV: 6/1/12
ID1: NCI-013386
ID2: 13386
STATUS: CLOSED OUT
PHONE: 919-682-9168

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST			
SEARCH ID:	DIST/DIR:	ELEVATION:	MAP ID:
54	0.40 SE	395	19
NAME: NICHOLSON, W.H. PROPERTY ADDRESS: 909 VICKERS AVE DURHAM NC 27701 DURHAM CONTACT: W.H. NICHOLSON		REV: 6/1/12 ID1: NCI-016603 ID2: 16603 STATUS: RESPONSE PHONE: 919-489-9502	
<u>REGIONAL UST DATA</u>			
UST NUMBER:		RA-2659	
INCIDENT NUMBER:		16603	
CD NUMBER:			
REEL NUMBER:			
REGIONAL CONTACT:		MRP	
REGIONAL OFFICE:		RAL	
DATE OCCURRED:		5/22/1996	
<u>RESPONSIBLE COMPANY:</u>			
		3429 RUGBY ROAD DURHAM ,NC , 27707-	
SOURCE:		LEAK, UST	
PETROLEUM TYPE:		PETROLEUM	
COMMERCIAL/NONCOMMERCIAL:		NON COMMERCIAL	
REGULATED:		NON REGULATED	
REGULATORY REQUIREMENT:			
VIOLATION:			
PHASE REQUIRED:			
SITE PRIORITY:		20E	
RISK:		L	
RISK OF INCIDENT:		U	
INTERMEDIATE CONDITION:			
LAND USE:			
CORRECTIVE ACTION PLAN:			
RBCA:			
CLOSED REVIEW REQUESTED:			
CASE CLOSED:			
CONTAMINATION:		SOIL	
SUPPLY WELLS:		0	
MTBE IN WELL:		0	
MTBE IN GROUNDWATER:		UNKNOWN	
LEAK DISCOVERED:		0	
LAND USE RESTRICTION FILED:			
CLEAN UP:		5/22/1996	
CURRENT STATUS:		CURRENT RECORD	
RBCA GROUNDWATER:			
POLLUTANT TYPE:		HEATING OIL	
CD NUMBER:			
RESPONSIBLE OWNER:		0	
RESPONSIBLE OPERATOR:		0	
RESPONSIBLE LANDOWNER:		0	
COMMENTS:		AT APARTMENT BUILDING.	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 54	DIST/DIR: 0.40 SE	ELEVATION: 395	MAP ID: 19
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NAME: NICHOLSON, W.H. PROPERTY
ADDRESS: 909 VICKERS AVE
DURHAM NC 27701
DURHAM
CONTACT: W.H. NICHOLSON

REV: 6/1/12
ID1: NCI-016603
ID2: 16603
STATUS: RESPONSE
PHONE: 919-489-9502

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 51 **DIST/DIR:** 0.40 NW **ELEVATION:** 384 **MAP ID:** 20

NAME: LOVE, RANDALL RESIDENCE
ADDRESS: 3 SYLVAN PL
DURHAM NC 27706
DURHAM
CONTACT: RANDALL LOVE

REV: 6/1/12
ID1: NCI-021896
ID2: 21896
STATUS: CLOSED OUT
PHONE: 919-493-4706

REGIONAL UST DATA

UST NUMBER: RA-3416
INCIDENT NUMBER: 21896
CD NUMBER: 225
REEL NUMBER: 78
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 10/14/1999

RESPONSIBLE COMPANY:

3 SYLVAN PL
DURHAM, NC, 27701-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT: 6/14/2002
VIOLATION:

PHASE REQUIRED: 1
SITE PRIORITY: E
RISK: H
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN: EN
RBCA: SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:
CASE CLOSED: 4/21/2003
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 10/14/1999
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER: CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 225
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

High risk due to irrigation WSW less than 100 ft from source area. -MRP. CSA Soil Only rec d

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 51	DIST/DIR: 0.40 NW	ELEVATION: 384	MAP ID: 20
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NAME: LOVE, RANDALL RESIDENCE
ADDRESS: 3 SYLVAN PL
DURHAM NC 27706
DURHAM
CONTACT: RANDALL LOVE

REV: 6/1/12
ID1: NCI-021896
ID2: 21896
STATUS: CLOSED OUT
PHONE: 919-493-4706

10/19/01. //Revised Soil-Only CSA reviewed 6/10/02. NORR for CAP issued. -MRP//

//Soil resa

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 34 **DIST/DIR:** 0.42 NE **ELEVATION:** 403 **MAP ID:** 21

NAME: DUKE - EYE CENTER
ADDRESS: ERWIN RD
DURHAM NC 27707
DURHAM

REV: 6/1/12
ID1: NCI-010997
ID2: 10997
STATUS: CLOSED OUT
PHONE:

CONTACT:

REGIONAL UST DATA

UST NUMBER: RA-1813
INCIDENT NUMBER: 10997
CD NUMBER: 45
REEL NUMBER: 105
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 6/14/1993

RESPONSIBLE COMPANY:

DUKE UNIVERSITY MEDICAL CENTER
ERWIN RD
DURHAM , NC , 27710-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 0
RISK:
RISK OF INCIDENT:
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED: 9/1/1993
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO
LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP:
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 45
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 34	DIST/DIR: 0.42 NE	ELEVATION: 403	MAP ID: 21
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NAME: DUKE - EYE CENTER
ADDRESS: ERWIN RD
DURHAM NC 27707
DURHAM

REV: 6/1/12
ID1: NCI-010997
ID2: 10997
STATUS: CLOSED OUT
PHONE:

CONTACT:

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

STATE

SEARCH ID: 6 **DIST/DIR:** 0.42 NE **ELEVATION:** 403 **MAP ID:** 21

NAME: DUKE UNIVERSITY TRANSFORMER STORAGE
ADDRESS: TOWERVIEW and WANNAMAKER
DURHAM NC
DURHAM

REV: 6/8/12
ID1: NCD986171098
ID2:
STATUS: NFA
PHONE:

CONTACT:

SITE INFORMATION

DATE ADDED: 3/9/1990 **RESIDENCE ON SITE:** NO
DW WELL DISTANCE: NO INFO **SW INTAKE DISTANCE:** NO INFO

PROCESS CODE: UTILITIES - UTILITY SITES AND RIGHT-OF-WAYS, OLD COAL GASIFICATION SITES AND FLYASH DISPOSAL

MEDIA CONTAMINATED

CONTAMINANT TYPE

CATEGORIES

SPL SCORE:	45.4	SPL:	NO
VOLUNTARY CLEANUP:	NO	REMEDIAL ACTION:	
EVALUATIONS PENDING:	NO	NFA:	YES
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA:	NO		
POLLUTANT ONLY SITE-OPEN:	0		
POLLUTANT ONLY SITE -NFA RESTRICTED:	0		

ORDERS, AGREEMENTS, AND SOLICITATIONS

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

STATE			
SEARCH ID: 5	DIST/DIR: 0.42 NE	ELEVATION: 403	MAP ID: 21
NAME: DUKE UNIVERSITY ADDRESS: HIGHWAY 751/GATE 11/RESEARCH DR DURHAM NC DURHAM CONTACT:		REV: 6/8/12 ID1: NCD000813519 ID2: STATUS: ACTIVE PHONE:	
<u>SITE INFORMATION</u>			
EPA ID: NCD000813519		INCIDENT ID: 86478	
REP DISCOVERY DATE: 01-FEB-90		NOTICE DATE:	
NEXT DUE DATE:		NEXT ACTION:	
INCIDENT COMMENTS: SITE IS BEING HANDLED BY HAZARDOUS WASTE SECTION, SITE HAS GONE THROUGH SOME TYPE OF REMEDIATION. CURRENTLY IS BEING MONITORED FOR GW CONTAMINATION FOR P-DIOXANE.			
DATE ADDED: 1/12/1988		RESIDENCE ON SITE: NO	
DW WELL DISTANCE: NO INFO		SW INTAKE DISTANCE: NO INFO	
PROCESS CODE: LABORATORY/HOSPITAL - HOSPITALS, VETERINARY OFFICES AND LABORATORIES NOT PART OF OTHER INDUSTRIAL OPERATIONS			
<u>MEDIA CONTAMINATED</u>		<u>CONTAMINANT TYPE</u>	
GROUNDWATER		ORGANICS	
SOIL		ORGANICS	
<u>CATEGORIES</u>			
SPL SCORE: 40.5		SPL: NO	
VOLUNTARY CLEANUP: YES		REMEDIAL ACTION:	
EVALUATIONS PENDING: NO		NFA: NO	
NFA W/COVENANT: NO		DWQ: NO	
SW SECTION: NO		NON NPL CERCLA: NO	
NPL SITE: NO		NON TSD HAZ WASTE: NO	
TSD: NO		RADIATION PROTECTION: NO	
BROWNFIELD:		DUPLICATE: NO	
UST LEAD: NO		DSCA LEAD: NO	
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA: NO			
POLLUTANT ONLY SITE-OPEN: 0			
POLLUTANT ONLY SITE -NFA RESTRICTED:		0	
<u>ORDERS, AGREEMENTS, AND SOLICITATIONS</u>			
DOCKET NUMBER: 91-SF-012		ORDER, REQUEST, AOC: ADMINISTRATIVE AGREEMENT	
RECEIVING PARTY:		MEDIA COVERED: ENTIRE SITE	
EXECUTION DATE: 9/9/1991		WITHDRAWN: NO	
DATE COMPLETED:		NOTICE CANCELED:	
STAFF INITIALS: HZ		REC CODE:	

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 35 **DIST/DIR:** 0.42 NE **ELEVATION:** 403 **MAP ID:** 21

NAME: DUKE - HOSPITAL NORTH
ADDRESS: ERWIN RD
DURHAM NC 27707
DURHAM
CONTACT: GARY TENCER

REV: 6/1/12
ID1: NCI-026740
ID2: 26740
STATUS:
PHONE: 919-684-5741

REGIONAL UST DATA

UST NUMBER: RA-369
INCIDENT NUMBER: 26740
CD NUMBER: 166
REEL NUMBER: 166
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 9/12/1997

RESPONSIBLE COMPANY:

DUKE UNIVERSITY MEDICAL CENTER
ERWIN ROAD
DURHAM ,NC , 27710-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: E
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED: 1/14/1999
CASE CLOSED: 2/26/1999
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 9/12/1997
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: GASOLINE/DIESEL/KEROSENE
CD NUMBER: 166
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 35	DIST/DIR: 0.42 NE	ELEVATION: 403	MAP ID: 21
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NAME: DUKE - HOSPITAL NORTH
ADDRESS: ERWIN RD
DURHAM NC 27707
DURHAM
CONTACT: GARY TENCER

REV: 6/1/12
ID1: NCI-026740
ID2: 26740
STATUS:
PHONE: 919-684-5741

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 37 **DIST/DIR:** 0.42 NE **ELEVATION:** 403 **MAP ID:** 21

NAME:	DUKE MEDICAL CENTER-HELICOPTER PAD	REV:	6/1/12
ADDRESS:	ERWIN RD	ID1:	NCI-026750
	DURHAM NC 27710	ID2:	26750
	DURHAM	STATUS:	
CONTACT:	C/O KAREN TRIMBERGER	PHONE:	9196814709

REGIONAL UST DATA

UST NUMBER:	RA-5203
INCIDENT NUMBER:	26750
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	1/10/2005

RESPONSIBLE COMPANY:

DUKE UNIVERISTY MEDICAL CENTER
PO BOX 3914
DURHAM ,NC , 27710-3914

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	
RISK:	
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	NO

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	1/5/2005
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	CLEANUPS TO 2L.0202 STANDARDS
POLLUTANT TYPE:	OTHER PETROLEUM PROD.
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	removal of 12k aviation fuel tank for helicopter use, according to Karen Trimberger with Duke

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 37	DIST/DIR: 0.42 NE	ELEVATION: 403	MAP ID: 21
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NAME: DUKE MEDICAL CENTER-HELICOPTER PAD
ADDRESS: ERWIN RD
DURHAM NC 27710
DURHAM
CONTACT: C/O KAREN TRIMBERGER

REV: 6/1/12
ID1: NCI-026750
ID2: 26750
STATUS:
PHONE: 9196814709

Environmental, Duke owns all property within 1500 ft and there are no wells or surface water bodies

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

NFRAP			
SEARCH ID: 2	DIST/DIR: 0.42 NE	ELEVATION: 403	MAP ID: 21
NAME: DUKE UNIVERSITY TRANSFORMER STORAGE AREA ADDRESS: TOWERVIEW RD DURHAM NC 27706 DURHAM		REV: 6/7/12 ID1: NCD986171098 ID2: 0405228 STATUS: NFRAP-N PHONE:	
CONTACT:			
DESCRIPTION: TRANSFORMER STORAGE AREA			
ACTION/QUALITY ARCHIVE SITE	AGENCY/RPS EPA In-House	START/RAA	END 6/29/1990
DISCOVERY	EPA Fund-Financed		10/14/1988
PRELIMINARY ASSESSMENT	State, Fund Financed	/1-90-6/29	6/29/1990
NFRAP: NO FURTHER REMEDIAL ACTION PLANNED			

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
 DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 40 **DIST/DIR:** 0.42 NE **ELEVATION:** 403 **MAP ID:** 21

NAME:	DURHAM CO HOSPITAL PHYSICAL PL	REV:	6/1/12
ADDRESS:	ERWIN RD	ID1:	NCI-019756
	DURHAM NC 27704	ID2:	19756
	DURHAM	STATUS:	CLOSED OUT
CONTACT:	EJ HART	PHONE:	919-470-4161

REGIONAL UST DATA

UST NUMBER:	RA-2941
INCIDENT NUMBER:	19756
CD NUMBER:	166
REEL NUMBER:	165
REGIONAL CONTACT:	STA
REGIONAL OFFICE:	RAL
DATE OCCURRED:	8/26/1998

RESPONSIBLE COMPANY:

DURHAM REGIONAL HOSPITAL
 3643 N. ROXBORO ROAD
 DURHAM, NC, 27704-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	L
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:	
RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	1/27/1999
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	8/26/1998
CURRENT STATUS:	ARCHIVED

RBCA GROUNDWATER:	
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	166
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	CLOSED OUT 1/27/99 8000 FUEL OIL

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 40	DIST/DIR: 0.42 NE	ELEVATION: 403	MAP ID: 21
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NAME: DURHAM CO HOSPITAL PHYSICAL PL
ADDRESS: ERWIN RD
DURHAM NC 27704
DURHAM
CONTACT: EJ HART

REV: 6/1/12
ID1: NCI-019756
ID2: 19756
STATUS: CLOSED OUT
PHONE: 919-470-4161

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

VCP

SEARCH ID: 66 **DIST/DIR:** 0.42 NE **ELEVATION:** 403 **MAP ID:** 21

NAME: DUKE UNIVERSITY	REV: 7/30/07
ADDRESS: HIGHWAY 751 GATE 11	ID1: VC-NCD000813519
DURHAM NC	ID2: NCD000813519
DURHAM	STATUS: VOLUNTARY CLEANUP
CONTACT:	PHONE:

SITE INFORMATION

DATE ADDED:	1/12/1988	RESIDENCE ON SITE:	NO
DW WELL DISTANCE:	NO INFO	SW INTAKE DISTANCE:	NO INFO

PROCESS CODE: LABORATORY/HOSPITAL - HOSPITALS, VETERINARY OFFICES AND LABORATORIES NOT PART OF OTHER INDUSTRIAL OPERATIONS

<u>MEDIA CONTAMINATED</u>	<u>CONTAMINANT TYPE</u>
GROUNDWATER	ORGANICS
SOIL	ORGANICS

CATEGORIES

SPL SCORE:	40.5	SPL:	NO
VOLUNTARY CLEANUP:	YES	REMEDIAL ACTION:	
EVALUATIONS PENDING:	NO	NFA:	NO
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:	NO	NON HAZ SUB SITE VOL:	NO
NON HAZ SUB SITE NFA:	NO		

ORDERS, AGREEMENTS, AND SOLICITATIONS

DOCKET NUMBER:	91-SF-012	ORDER, REQUEST, AOC:	ADMINISTRATIVE AGREEMENT
RECEIVING PARTY:		MEDIA COVERED:	ENTIRE SITE
EXECUTION DATE:	9/9/1991	WITHDRAWN:	NO
DATE COMPLETED:		NOTICE CANCELED:	
STAFF INITIALS:	HZ	REC CODE:	

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

NFRAP			
SEARCH ID:	DIST/DIR:	ELEVATION:	MAP ID:
1	0.42 NE	403	21
NAME: DUKE UNIVERSITY ADDRESS: DUKE UNIVERSITY RD DURHAM NC 27706 DURHAM CONTACT:		REV: 6/7/12 ID1: NCD000813519 ID2: 0402561 STATUS: NFRAP-N PHONE:	
DESCRIPTION:			
ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		1/3/1995
DISCOVERY	EPA Fund-Financed		8/1/1980
PRELIMINARY ASSESSMENT LOW PRIORITY FOR FURTHER ASSESSMENT	State, Fund Financed		8/1/1984
SITE INSPECTION NFRAP: NO FURTHER REMEDIAL ACTION PLANNED	State, Fund Financed		1/29/1990

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 25 **DIST/DIR:** 0.42 SE **ELEVATION:** 392 **MAP ID:** 22

NAME: BALL RESIDENCE, DAVID
ADDRESS: 901 VICKERS AVE
DURHAM NC 27701
DURHAM
CONTACT: MR. DAVID BALL

REV: 6/1/12
ID1: NCI-026606
ID2: 26606
STATUS: CLOSED OUT
PHONE: 9196821839

REGIONAL UST DATA

UST NUMBER: RA-5054
INCIDENT NUMBER: 26606
CD NUMBER: 308
REEL NUMBER: 207
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 10/23/2003

RESPONSIBLE COMPANY:

P.O. BOX 401
DURHAM, NC, 27701-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY:
RISK:
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:
RBCA: RESIDENTIAL
CLOSED REVIEW REQUESTED:
CASE CLOSED: 4/7/2005
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED: 4/20/2005
CLEAN UP: 10/23/2003
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER: CLEANUPS TO ALTERNATE STANDARDS
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 308
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0

COMMENTS: report says that soil samples were collected at 10.5 ft were water was entering pit, however table

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 25	DIST/DIR: 0.42 SE	ELEVATION: 392	MAP ID: 22
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NAME: BALL RESIDENCE, DAVID
ADDRESS: 901 VICKERS AVE
DURHAM NC 27701
DURHAM
CONTACT: MR. DAVID BALL

REV: 6/1/12
ID1: NCI-026606
ID2: 26606
STATUS: CLOSED OUT
PHONE: 9196821839

show that both bottom closure samples were collected at 9 ft bls /// NRP filed with the Durham County Reg of Deeds 4/20/05, Book 4764, Page 870-876, RKD.

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 50 **DIST/DIR:** 0.43 NE **ELEVATION:** 401 **MAP ID:** 23

NAME: LIGGETT GROUP
ADDRESS: 114 S BUCHANAN BLVD
DURHAM NC
DURHAM
CONTACT: THOMAS W NEWSOM

REV: 1/16/03
ID1: NCI-016170
ID2:
STATUS: RESPONSE
PHONE:

OWNER/OPERATOR: THOMAS W NEWSOM
LIGGETT GROUP INC.
300 N. DUKE STREET
DURHAM NC 27702

DATE OF RELEASE: 8/1/1993
DATE SUBMITTED: 8/14/1996
DESCRIPTION OF INCIDENT: MINOR SOIL CONTAMINATION CONFIRMED FROM LEAKING ASTS.

CONTAMINATION INFORMATION
GROUNDWATER CONTAMINATED?:
MAJOR SOIL CONTAMINATION?:

MATERIAL INVOLVED (1): NO. 2 FUEL OIL (DIESEL)
AMOUNT LOST (1):
AMOUNT RECOVERED (1):

MATERIAL INVOLVED (2):
AMOUNT LOST (2):
AMOUNT RECOVERED (2):

MATERIAL INVOLVED (3):
AMOUNT LOST (3):
AMOUNT RECOVERED (3):

NUMBER OF WELLS AFFECTED: 0
NAME(S) OF CONTAMINATED WELLS:

PRIORITY INFORMATION:
RISK SITE?: N
SITE PRIORITY: 30E
PRIORITY CODE: E
PRIORITY UPDATE:

STATUS INFORMATION:
LAST MODIFIED:
INCIDENT PHASE: FOLLOW UP
NOV ISSUED:
NORR ISSUED:
45 DAY REPORT:
CORRECTIVE ACTION PLAN:
CLOSURE REQ DATE:
CLOSE-OUT REPORT:

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

NFRAP			
SEARCH ID:	DIST/DIR:	ELEVATION:	MAP ID:
3	0.43 NE	401	23
NAME: LIGGETT and MYERS TOBACCO CO ADDRESS: WEST MAIN ST DURHAM NC 27702 DURHAM CONTACT:		REV: 6/7/12 ID1: NCD097724009 ID2: 0402963 STATUS: NFRAP-N PHONE:	
DESCRIPTION:			
ACTION/QUALITY	AGENCY/RPS	START/RAA	END
ARCHIVE SITE	EPA In-House		8/26/2004
SITE REASSESSMENT NFRAP: NO FURTHER REMEDIAL ACTION PLANNED	EPA Fund-Financed		1/24/2000
DISCOVERY	EPA Fund-Financed		8/1/1980
PRELIMINARY ASSESSMENT LOW PRIORITY FOR FURTHER ASSESSMENT	State, Fund Financed		5/15/1986
SITE INSPECTION NFRAP: NO FURTHER REMEDIAL ACTION PLANNED	State, Fund Financed		9/1/1989

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 31 **DIST/DIR:** 0.46 NW **ELEVATION:** 403 **MAP ID:** 24

NAME: DUKE - ACCOUNTING
ADDRESS: 406 SWIFT AVE
DURHAM NC 27706
DURHAM

REV: 6/1/12
ID1: NCI-008345
ID2: 8345
STATUS: CLOSED OUT
PHONE: 9196843611

CONTACT:

REGIONAL UST DATA

UST NUMBER: RA-1311
INCIDENT NUMBER: 8345
CD NUMBER: 44
REEL NUMBER: 102
REGIONAL CONTACT: STA
REGIONAL OFFICE: RAL
DATE OCCURRED: 1/4/1991

RESPONSIBLE COMPANY:

DUKE UNIVERSITY
200 FACILITIES OPERATIONS
DURHAM, NC, 27706-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 0
RISK:
RISK OF INCIDENT:
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED: 6/12/1992
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP:
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 44
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 31	DIST/DIR: 0.46 NW	ELEVATION: 403	MAP ID: 24
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NAME: DUKE - ACCOUNTING
ADDRESS: 406 SWIFT AVE
DURHAM NC 27706
DURHAM
CONTACT:

REV: 6/1/12
ID1: NCI-008345
ID2: 8345
STATUS: CLOSED OUT
PHONE: 9196843611

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 36 **DIST/DIR:** 0.46 NW **ELEVATION:** 401 **MAP ID:** 25

NAME: DUKE - PLANT ACCOUNTING
ADDRESS: 408 SWIFT AVE
DURHAM NC 27706
DURHAM
CONTACT: RANDY STRICKLAND

REV: 6/1/12
ID1: NCI-026158
ID2: 26158
STATUS:
PHONE: 9196843611

REGIONAL UST DATA

UST NUMBER: RA-4328
INCIDENT NUMBER: 26158
CD NUMBER: 44
REEL NUMBER: 102
REGIONAL CONTACT: STA
REGIONAL OFFICE: RAL
DATE OCCURRED: 1/4/1991

RESPONSIBLE COMPANY:

DUKE UNIVERSITY
200 FACILITIES CENTER
DURHAM ,NC , 27706-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY:
RISK:
RISK OF INCIDENT:
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED: 6/5/1991
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP:
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 44
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 36	DIST/DIR: 0.46 NW	ELEVATION: 401	MAP ID: 25
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NAME: DUKE - PLANT ACCOUNTING
ADDRESS: 408 SWIFT AVE
DURHAM NC 27706
DURHAM
CONTACT: RANDY STRICKLAND

REV: 6/1/12
ID1: NCI-026158
ID2: 26158
STATUS:
PHONE: 9196843611

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 42 **DIST/DIR:** 0.46 NE **ELEVATION:** 396 **MAP ID:** 26

NAME:	DURHAM LAUNDRY	REV:	6/1/12
ADDRESS:	0 WEST GRESSON and PEABODY ST DURHAM NC 27701 DURHAM	ID1:	NCI-005359
		ID2:	5359
CONTACT:	THOMAS GOAD/DLC LEASING CO.	STATUS:	CLOSED OUT
		PHONE:	

REGIONAL UST DATA

UST NUMBER:	RA-720
INCIDENT NUMBER:	5359
CD NUMBER:	
REEL NUMBER:	
REGIONAL CONTACT:	MRP
REGIONAL OFFICE:	RAL
DATE OCCURRED:	1/31/1990

RESPONSIBLE COMPANY:

3053 GRANVILLE DR.
RALEIGH, NC, 27609-6917

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	1
SITE PRIORITY:	0
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	4/7/2008
CONTAMINATION:	GROUNDWATER/BOTH
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	NO

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	4/17/2008
CLEAN UP:	1/31/1990
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	CLEANUPS TO ALTERNATE STANDARDS
POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE

CD NUMBER:	
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	//LSA Review: GW initially encountered within bedrock at a depth of 14 FT BGS during MW

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 42	DIST/DIR: 0.46 NE	ELEVATION: 396	MAP ID: 26
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NAME: DURHAM LAUNDRY
ADDRESS: 0 WEST GRESSON and PEABODY ST
DURHAM NC 27701
DURHAM
CONTACT: THOMAS GOAD/DLC LEASING CO.

REV: 6/1/12
ID1: NCI-005359
ID2: 5359
STATUS: CLOSED OUT
PHONE:

installation but stabilized at 5.53 FT BGS. Soil previously excavated to bedrock at 10 FT BGS w/ high confirmation sample of 613 ppm GRO TPH at the pit base. Issuing

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 48 **DIST/DIR:** 0.46 NE **ELEVATION:** 396 **MAP ID:** 27

NAME: HALL WYNNE FUNERAL HOME	REV: 6/1/12
ADDRESS: 1113 W MAIN ST	ID1: NCI-033678
DURHAM NC 27701	ID2: 33678
DURHAM	STATUS: CURRENT RECORD
CONTACT: MARK HIGGINS	PHONE:

REGIONAL UST DATA

UST NUMBER:	RA-6139
INCIDENT NUMBER:	33678
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	6/5/2009

RESPONSIBLE COMPANY:

HALL WYNNE FUNERAL HOME
1113 WEST MAIN STREET
DURHAM ,NC , 27701

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	
RISK:	
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	7/8/2009
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	NO
LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	5/29/2009
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	
POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	1200-gallon kerosene ust removed. Soil sample collected below the UST reported 16,000 ppm for

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 48 **DIST/DIR:** 0.46 NE **ELEVATION:** 396 **MAP ID:** 27

NAME: HALL WYNNE FUNERAL HOME
ADDRESS: 1113 W MAIN ST
DURHAM NC 27701
DURHAM
CONTACT: MARK HIGGINS

REV: 6/1/12
ID1: NCI-033678
ID2: 33678
STATUS: CURRENT RECORD
PHONE:

DRO and 440 ppm for GRO. 47.28 tons of soil removed. Base and side wall soil samples reported below soil-to-gw. NFA issued. WER.

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 52 **DIST/DIR:** 0.47 NE **ELEVATION:** 392 **MAP ID:** 28

NAME: MAY, CLAUDE FACILITY
ADDRESS: 1101 W MAIN ST
DURHAM NC 27701
DURHAM
CONTACT: CLAUDE M. MAY

REV: 6/1/12
ID1: NCI-014671
ID2: 14671
STATUS: RESPONSE
PHONE:

REGIONAL UST DATA

UST NUMBER: RA-2293
INCIDENT NUMBER: 14671
CD NUMBER:
REEL NUMBER:
REGIONAL CONTACT: WER
REGIONAL OFFICE: RAL
DATE OCCURRED: 7/20/1995

RESPONSIBLE COMPANY:

CLAUDE M. MAY INC.
1101 W. MAIN ST.
DURHAM ,NC , 27701-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 40E
RISK: L
RISK OF INCIDENT: U
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED:

CASE CLOSED:
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP:
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER:
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 52 **DIST/DIR:** 0.47 NE **ELEVATION:** 392 **MAP ID:** 28

NAME: MAY, CLAUDE FACILITY
ADDRESS: 1101 W MAIN ST
DURHAM NC 27701
DURHAM
CONTACT: CLAUDE M. MAY

REV: 6/1/12
ID1: NCL-014671
ID2: 14671
STATUS: RESPONSE
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 43 **DIST/DIR:** 0.48 NE **ELEVATION:** 420 **MAP ID:** 29

NAME: DURHAM POLICE DEPT HQ
ADDRESS: 505 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: DOREEN SANFELICI

REV: 6/1/12
ID1: NCI-033004
ID2: 33004
STATUS: CLOSED OUT
PHONE: 9195604197

REGIONAL UST DATA

UST NUMBER: RA-5457
INCIDENT NUMBER: 33004
CD NUMBER: 308
REEL NUMBER: 208
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED: 12/14/2005

RESPONSIBLE COMPANY:

CITY OF DURHAM GEN L SVCS DEPT
2011 FAY STREET
DURHAM ,NC , 27704-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY:
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:
RBCA: SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:
CASE CLOSED: 2/8/2006
CONTAMINATION: SOIL
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: NO

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 12/14/2005
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 308
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS: One 2000-gallon heating oil UST removed. Confirmation samples were all BDL except for one with

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 43	DIST/DIR: 0.48 NE	ELEVATION: 420	MAP ID: 29
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NAME: DURHAM POLICE DEPT HQ
ADDRESS: 505 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: DOREEN SANFELICI

REV: 6/1/12
ID1: NCI-033004
ID2: 33004
STATUS: CLOSED OUT
PHONE: 9195604197

6.2 ppm DRO TPH. Issuing NFA. -MRP

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 64 **DIST/DIR:** 0.48 NE **ELEVATION:** 420 **MAP ID:** 29

NAME: WEBB DURHAM VENTURE/DURHAM POL
ADDRESS: 505 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: FRANK PARKER

REV: 6/1/12
ID1: NCI-006084
ID2: 6084
STATUS: RESPONSE
PHONE: 919 560-4204

REGIONAL UST DATA

UST NUMBER: RA-916
INCIDENT NUMBER: 6084
CD NUMBER:
REEL NUMBER:
REGIONAL CONTACT: WER
REGIONAL OFFICE: RAL
DATE OCCURRED: 11/30/1990

RESPONSIBLE COMPANY:

CITY OF DURHAM-REAL ESTATE DPT
101 CITY HALL PLAZA
DURHAM ,NC , 27701-

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY: 60E
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE: RES

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED:

CASE CLOSED:
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP: 11/15/1990
CURRENT STATUS: CURRENT RECORD

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER:

RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0

COMMENTS: ALT CAP REQUEST REC D 3/27/95/AKA DURHAM POLICE HQ-CASSANDRA GARRARD IS

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 64	DIST/DIR: 0.48 NE	ELEVATION: 420	MAP ID: 29
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NAME: WEBB DURHAM VENTURE/DURHAM POL
ADDRESS: 505 W CHAPEL HILL ST
DURHAM NC 27701
DURHAM
CONTACT: FRANK PARKER

REV: 6/1/12
ID1: NCI-006084
ID2: 6084
STATUS: RESPONSE
PHONE: 919 560-4204

POC-WEBB CO 300W.MORGAN ST

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 26 **DIST/DIR:** 0.48 SE **ELEVATION:** 391 **MAP ID:** 30

NAME: BLUE CROSS/BLUE SHIELD-VICKERS	REV: 6/1/12
ADDRESS: 1007 VICKERS ST	ID1: NCI-010576
DURHAM NC 27707	ID2: 10576
DURHAM	STATUS: CLOSED OUT
CONTACT: KEN DAVENPORT	PHONE: 919-489-7431

REGIONAL UST DATA

UST NUMBER:	RA-1732
INCIDENT NUMBER:	10576
CD NUMBER:	45
REEL NUMBER:	105
REGIONAL CONTACT:	MRP
REGIONAL OFFICE:	RAL
DATE OCCURRED:	4/12/1993

RESPONSIBLE COMPANY:

BLUE CROSS/BLUE SHIELD
1830 US 15-501
CHAPEL HILL ,NC , 27514-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	0
RISK:	
RISK OF INCIDENT:	
INTERMEDIATE CONDITION:	
LAND USE:	

CORRECTIVE ACTION PLAN:	
RBCA:	
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	1/13/1994
CONTAMINATION:	SOIL
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	
CURRENT STATUS:	ARCHIVED

RBCA GROUNDWATER:	
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	45
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 26	DIST/DIR: 0.48 SE	ELEVATION: 391	MAP ID: 30
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NAME: BLUE CROSS/BLUE SHIELD-VICKERS
ADDRESS: 1007 VICKERS ST
DURHAM NC 27707
DURHAM
CONTACT: KEN DAVENPORT

REV: 6/1/12
ID1: NCI-010576
ID2: 10576
STATUS: CLOSED OUT
PHONE: 919-489-7431

Environmental FirstSearch
Site Detail Report

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 27 **DIST/DIR:** 0.49 NE **ELEVATION:** 394 **MAP ID:** 31

NAME: BRAME SPECIALTY CO.-MAIN ST.
ADDRESS: 1110 W MAIN ST
DURHAM NC DURHA
DURHAM
CONTACT: J.B. BRAME/BRAME SPECIALTY CO.

REV: 6/1/12
ID1: NCI-007139
ID2: 7139
STATUS: CLOSED OUT
PHONE:

REGIONAL UST DATA

UST NUMBER: RA-1106
INCIDENT NUMBER: 7139
CD NUMBER: 169
REEL NUMBER: 174
REGIONAL CONTACT: MRP
REGIONAL OFFICE: RAL
DATE OCCURRED:

RESPONSIBLE COMPANY:

1110 W. MAIN ST.
DURHAM,,

SOURCE: LEAK, UST
PETROLEUM TYPE: PETROLEUM
COMMERCIAL/NONCOMMERCIAL: NON COMMERCIAL
REGULATED: NON REGULATED
REGULATORY REQUIREMENT:
VIOLATION:

PHASE REQUIRED:
SITE PRIORITY:
RISK: L
RISK OF INCIDENT: L
INTERMEDIATE CONDITION:
LAND USE:

CORRECTIVE ACTION PLAN:
RBCA:
CLOSED REVIEW REQUESTED:
CASE CLOSED: 8/31/1998
CONTAMINATION: GROUNDWATER/BOTH
SUPPLY WELLS: 0
MTBE IN WELL: 0
MTBE IN GROUNDWATER: UNKNOWN

LEAK DISCOVERED: 0
LAND USE RESTRICTION FILED:
CLEAN UP:
CURRENT STATUS: ARCHIVED

RBCA GROUNDWATER:
POLLUTANT TYPE: HEATING OIL
CD NUMBER: 169
RESPONSIBLE OWNER: 0
RESPONSIBLE OPERATOR: 0
RESPONSIBLE LANDOWNER: 0
COMMENTS: FUEL OIL DETECTED IN SUMP AND ON WALL OF BASEMENT.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 27	DIST/DIR: 0.49 NE	ELEVATION: 394	MAP ID: 31
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NAME: BRAME SPECIALTY CO.-MAIN ST.
ADDRESS: 1110 W MAIN ST
DURHAM NC DURHA
DURHAM
CONTACT: J.B. BRAME/BRAME SPECIALTY CO.

REV: 6/1/12
ID1: NCI-007139
ID2: 7139
STATUS: CLOSED OUT
PHONE:

//Wrong site address listed? -MRP//

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 53 **DIST/DIR:** 0.49 NE **ELEVATION:** 394 **MAP ID:** 31

NAME:	MCPHERSON HOSPITAL(NCNEEH)	REV:	6/1/12
ADDRESS:	1110 W MAIN ST	ID1:	NCI-006708
	DURHAM NC 27804	ID2:	6708
	DURHAM	STATUS:	CLOSED OUT
CONTACT:	BILL LINDSEY	PHONE:	919-682-9341

REGIONAL UST DATA

UST NUMBER:	RA-1020
INCIDENT NUMBER:	6708
CD NUMBER:	307
REEL NUMBER:	203
REGIONAL CONTACT:	MRP
REGIONAL OFFICE:	RAL
DATE OCCURRED:	1/25/1991

RESPONSIBLE COMPANY:

MCPHERSON HOSPITAL
1110 W. MAIN ST.
DURHAM, NC, 27701-

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	NON COMMERCIAL
REGULATED:	NON REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	
SITE PRIORITY:	110D
RISK:	L
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	6/2/2005
CONTAMINATION:	GROUNDWATER/BOTH
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	NO

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	6/14/2005
CLEAN UP:	2/22/1991
CURRENT STATUS:	ARCHIVED

RBCA GROUNDWATER:	CLEANUPS TO ALTERNATE STANDARDS
POLLUTANT TYPE:	HEATING OIL
CD NUMBER:	307
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	gw CAP Amendment was rec d 3/24/95; PROPOSE SOIL EXC. and NAT. ATTEN.

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 53	DIST/DIR: 0.49 NE	ELEVATION: 394	MAP ID: 31
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NAME: MCPHERSON HOSPITAL(NCNEEH)
ADDRESS: 1110 W MAIN ST
DURHAM NC 27804
DURHAM
CONTACT: BILL LINDSEY

REV: 6/1/12
ID1: NCI-006708
ID2: 6708
STATUS: CLOSED OUT
PHONE: 919-682-9341

//NORR for GW NRP issued 5/2/05. -MRP// NRP recorded with Durham County Reg of Deeds 6/14/05, Book 4830, Page 407-413, RKD.

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST	
SEARCH ID: 61	DIST/DIR: 0.50 NE ELEVATION: 387 MAP ID: 32
NAME: TOPS 12 / BRAME SPECIALTY ADDRESS: 1016 W MAIN ST DURHAM NC 27701 CONTACT: BILL WICKER	REV: 6/1/12 ID1: NCI-003561 ID2: 3561 STATUS: CLOSED OUT PHONE:
<u>REGIONAL UST DATA</u>	
UST NUMBER:	RA-558
INCIDENT NUMBER:	3561
CD NUMBER:	169
REEL NUMBER:	174
REGIONAL CONTACT:	MRP
REGIONAL OFFICE:	RAL
DATE OCCURRED:	12/2/1987
<u>RESPONSIBLE COMPANY:</u>	
	TOPS PETROLEUM CORP. 1911 MERIDITH DR. - STE. 100 DURHAM ,NC , 27713-2264
SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	
PHASE REQUIRED:	
SITE PRIORITY:	70B
RISK:	H
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	
CORRECTIVE ACTION PLAN:	CAP IN ACCORDANCE WITH .0106[C]
RBCA:	
CLOSED REVIEW REQUESTED:	5/15/1998
CASE CLOSED:	8/31/1998
CONTAMINATION:	GROUNDWATER/BOTH
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN
LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	
CLEAN UP:	12/2/1987
CURRENT STATUS:	ARCHIVED
RBCA GROUNDWATER:	
POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE
CD NUMBER:	169
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	UST/SPILL.BrameSpecialtyCo.file started(7139)after 3561;contam.source fr.TOPS 12;files

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 61 **DIST/DIR:** 0.50 NE **ELEVATION:** 387 **MAP ID:** 32

NAME: TOPS 12 / BRAME SPECIALTY
ADDRESS: 1016 W MAIN ST
DURHAM NC 27701
DURHAM
CONTACT: BILL WICKER

REV: 6/1/12
ID1: NCI-003561
ID2: 3561
STATUS: CLOSED OUT
PHONE:

combined

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 62 **DIST/DIR:** 0.50 NE **ELEVATION:** 387 **MAP ID:** 32

NAME:	TRINITY PARK FAMILY FARE 432	REV:	6/1/12
ADDRESS:	1016 W MAIN ST	ID1:	NCI-033581
	DURHAM NC 27702	ID2:	33581
	DURHAM	STATUS:	CURRENT RECORD
CONTACT:	MARVIN BARNES	PHONE:	9193092925

REGIONAL UST DATA

UST NUMBER:	RA-6043
INCIDENT NUMBER:	33581
CD NUMBER:	0
REEL NUMBER:	0
REGIONAL CONTACT:	WER
REGIONAL OFFICE:	RAL
DATE OCCURRED:	9/10/2008

RESPONSIBLE COMPANY:

M. M. FOWLER, INC.
4220 NEAL ROAD
DURHAM, NC, 27705

SOURCE:	LEAK, UST
PETROLEUM TYPE:	PETROLEUM
COMMERCIAL/NONCOMMERCIAL:	COMMERCIAL
REGULATED:	REGULATED
REGULATORY REQUIREMENT:	
VIOLATION:	

PHASE REQUIRED:	1
SITE PRIORITY:	
RISK:	
RISK OF INCIDENT:	L
INTERMEDIATE CONDITION:	
LAND USE:	RES

CORRECTIVE ACTION PLAN:	
RBCA:	SOIL TO GROUNDWATER
CLOSED REVIEW REQUESTED:	
CASE CLOSED:	10/5/2009
CONTAMINATION:	GROUNDWATER/BOTH
SUPPLY WELLS:	0
MTBE IN WELL:	0
MTBE IN GROUNDWATER:	UNKNOWN

LEAK DISCOVERED:	0
LAND USE RESTRICTION FILED:	9/2/2009
CLEAN UP:	
CURRENT STATUS:	CURRENT RECORD

RBCA GROUNDWATER:	CLEANUPS TO ALTERNATE STANDARDS
POLLUTANT TYPE:	GASOLINE/DIESEL/KEROSENE
CD NUMBER:	0
RESPONSIBLE OWNER:	0
RESPONSIBLE OPERATOR:	0
RESPONSIBLE LANDOWNER:	0
COMMENTS:	10/08/2008 - Subject Site previous incident (Inc 3561 and 7139) both closed. Release discovered

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

LUST

SEARCH ID: 62 **DIST/DIR:** 0.50 NE **ELEVATION:** 387 **MAP ID:** 32

NAME: TRINITY PARK FAMILY FARE 432
ADDRESS: 1016 W MAIN ST
DURHAM NC 27702
DURHAM
CONTACT: MARVIN BARNES

REV: 6/1/12
ID1: NCI-033581
ID2: 33581
STATUS: CURRENT RECORD
PHONE: 9193092925

during the removal of three 10,000-gallon gasoline and one 2,000-gallon diesel UST. FP noted on groundwater in tank basin during removal. NORR sent for IAAR. WER//Should be received by December 10, 2008. WER

Environmental FirstSearch *Site Detail Report*

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

STATE

SEARCH ID: 4 **DIST/DIR:** 0.53 NE **ELEVATION:** 385 **MAP ID:** 33

NAME: BRIGHTLEAF SQUARE
ADDRESS: 800 WEST BLOCK MAIN ST
DURHAM NC
DURHAM
CONTACT:

REV: 6/8/12
ID1: NONCD0001382
ID2:
STATUS: ACTIVE
PHONE:

SITE INFORMATION

EPA ID: NONCD0001382 **INCIDENT ID:** 85465
REP DISCOVERY DATE: 24-JUL-95 **NOTICE DATE:**
NEXT DUE DATE: **NEXT ACTION:**
INCIDENT COMMENTS: CSA REPORT IN FILE.

DATE ADDED: 3/20/2008 **RESIDENCE ON SITE:** NO
DW WELL DISTANCE: NO INFO **SW INTAKE DISTANCE:** NO INFO

PROCESS CODE:

MEDIA CONTAMINATED

CONTAMINANT TYPE

CATEGORIES

SPL SCORE:		SPL:	NO
VOLUNTARY CLEANUP:	NO	REMEDIAL ACTION:	
EVALUATIONS PENDING:	YES	NFA:	NO
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA:	NO		
POLLUTANT ONLY SITE-OPEN:	0		
POLLUTANT ONLY SITE -NFA RESTRICTED:		0	

ORDERS, AGREEMENTS, AND SOLICITATIONS

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
 DURHAM NC 27701

JOB: 03112

STATE

SEARCH ID: 11 **DIST/DIR:** 0.54 SE **ELEVATION:** 347 **MAP ID:** 34

NAME:	USA RESERVE XVIII AIRBORNE CORPS	REV:	6/8/12
ADDRESS:	1228 CARROLL ST	ID1:	NC4210021891
	DURHAM NC	ID2:	
	DURHAM	STATUS:	NFA
CONTACT:		PHONE:	

SITE INFORMATION

DATE ADDED:	5/1/1989	RESIDENCE ON SITE:	NO
DW WELL DISTANCE:	NO INFO	SW INTAKE DISTANCE:	NO INFO

PROCESS CODE: MILITARY - MILITARY FACILITIES AND LANDS AND MILITARY EQUIPMENT MANUFACTURING FACILITIES

MEDIA CONTAMINATED CONTAMINANT TYPE

CATEGORIES

SPL SCORE:		SPL:	NO
VOLUNTARY CLEANUP:	NO	REMEDIAL ACTION:	
EVALUATIONS PENDING:	NO	NFA:	YES
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA:	NO		
POLLUTANT ONLY SITE-OPEN:	0		
POLLUTANT ONLY SITE -NFA RESTRICTED:	0		

ORDERS, AGREEMENTS, AND SOLICITATIONS

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

STATE

SEARCH ID: 9 **DIST/DIR:** 0.55 NE **ELEVATION:** 379 **MAP ID:** 35

NAME: EAKES CLEANERS INC
ADDRESS: 827 W MORGAN ST
DURHAM NC
DURHAM

REV: 10/13/09
ID1: NONCD0001653
ID2:
STATUS: ACTIVE
PHONE:

CONTACT:

SITE INFORMATION

DATE ADDED: 3/20/2008 **RESIDENCE ON SITE:** NO
DW WELL DISTANCE: NO INFO **SW INTAKE DISTANCE:** NO INFO

PROCESS CODE:

MEDIA CONTAMINATED

CONTAMINANT TYPE

CATEGORIES

SPL SCORE:		SPL:	NO
VOLUNTARY CLEANUP:	NO	REMEDIAL ACTION:	
EVALUATIONS PENDING:	YES	NFA:	NO
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA:	NO		
POLLUTANT ONLY SITE-OPEN:	0		
POLLUTANT ONLY SITE -NFA RESTRICTED:	0		

ORDERS, AGREEMENTS, AND SOLICITATIONS

Environmental FirstSearch **Site Detail Report**

Target Property: 705 KENT ST
 DURHAM NC 27701

JOB: 03112

STATE			
SEARCH ID: 8	DIST/DIR: 0.55 NE	ELEVATION: 379	MAP ID: 35
NAME: EAKES CLEANERS (FORMER) ADDRESS: 827 W MORGAN ST DURHAM NC DURHAM CONTACT:		REV: 6/8/12 ID1: NONCD0001192 ID2: STATUS: ACTIVE PHONE:	
<u>SITE INFORMATION</u>			
EPA ID: NONCD0001192 REP DISCOVERY DATE: 18-FEB-98 NEXT DUE DATE: INCIDENT COMMENTS: BROWNFIELDS PROJECT - LEAD IS WASTE MANAGEMENT - TRANSFERRED TO SUPERFUND SECTION 9/1/00		INCIDENT ID: 18463 NOTICE DATE: NEXT ACTION:	
DATE ADDED: 11/29/2007 DW WELL DISTANCE: > 1/4 MILE		RESIDENCE ON SITE: NO SW INTAKE DISTANCE: NO INFO	
PROCESS CODE: DRY CLEANING - DRY CLEANING			
<u>MEDIA CONTAMINATED</u> SOIL GROUNDWATER		<u>CONTAMINANT TYPE</u> ORGANICS ORGANICS	
<u>CATEGORIES</u>			
SPL SCORE: VOLUNTARY CLEANUP: NO EVALUATIONS PENDING: YES NFA W/COVENANT: NO SW SECTION: NO NPL SITE: NO TSD: NO BROWNFIELD: UST LEAD: NO NON HAZ SUB SITE EP: NON HAZ SUB SITE NFA: NO POLLUTANT ONLY SITE-OPEN: 0 POLLUTANT ONLY SITE -NFA RESTRICTED: 0		SPL: NO REMEDIAL ACTION: NFA: NO DWQ: NO NON NPL CERCLA: NO NON TSD HAZ WASTE: NO RADIATION PROTECTION: NO DUPLICATE: NO DSCA LEAD: NO NON HAZ SUB SITE VOL:	
<u>ORDERS, AGREEMENTS, AND SOLICITATIONS</u>			

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

STATE

SEARCH ID: 10 **DIST/DIR:** 0.61 NE **ELEVATION:** 396 **MAP ID:** 36

NAME: LIGGETT AND MYERS COMPANY
ADDRESS: 700 WEST MAIN/114 BUCHANON BLVD
DURHAM NC
DURHAM
CONTACT:

REV: 6/8/12
ID1: NCD097724009
ID2:
STATUS: NFA
PHONE:

SITE INFORMATION

DATE ADDED: 1/12/1988 **RESIDENCE ON SITE:** NO
DW WELL DISTANCE: NO INFO **SW INTAKE DISTANCE:** NO INFO

PROCESS CODE: OTHER - OTHER VARIOUS PROCESSES SUCH AS OTHER MANUFACTURING, SANITATION SERVICE COMPANIES, AND FIRE TRAINING GROUNDS; ALSO INCLUDES ALL SITES WHERE THE PROCESS CAUSING THE CONTAMINATION IS UNKNOWN

MEDIA CONTAMINATED
KNOWN/SUSPECTED

CONTAMINANT TYPE

CATEGORIES

SPL SCORE:	13	SPL:	NO
VOLUNTARY CLEANUP:	NO	REMEDIAL ACTION:	
EVALUATIONS PENDING:	NO	NFA:	YES
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA:	NO		
POLLUTANT ONLY SITE-OPEN:	0		
POLLUTANT ONLY SITE -NFA RESTRICTED:	0		

ORDERS, AGREEMENTS, AND SOLICITATIONS

**Environmental FirstSearch
Site Detail Report**

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

STATE

SEARCH ID: 7 **DIST/DIR:** 0.81 SE **ELEVATION:** 381 **MAP ID:** 37

NAME: DURHAM PUBLIC SERVICE CO PROP (FORMER)
ADDRESS: 309 BLACKWELL ST
DURHAM NC
DURHAM
CONTACT:

REV: 6/8/12
ID1: NONCD0002858
ID2:
STATUS: ACTIVE
PHONE:

SITE INFORMATION

DATE ADDED: 1/5/2009 **RESIDENCE ON SITE:** NO
DW WELL DISTANCE: NO INFO **SW INTAKE DISTANCE:** NO INFO

PROCESS CODE: UTILITIES - UTILITY SITES AND RIGHT-OF-WAYS, OLD COAL GASIFICATION SITES AND FLYASH DISPOSAL

MEDIA CONTAMINATED

SOIL
SOIL

CONTAMINANT TYPE

ORGANICS
METALS

CATEGORIES

SPL SCORE:		SPL:	NO
VOLUNTARY CLEANUP:	NO	REMEDIAL ACTION:	
EVALUATIONS PENDING:	YES	NFA:	NO
NFA W/COVENANT:	NO	DWQ:	NO
SW SECTION:	NO	NON NPL CERCLA:	NO
NPL SITE:	NO	NON TSD HAZ WASTE:	NO
TSD:	NO	RADIATION PROTECTION:	NO
BROWNFIELD:		DUPLICATE:	NO
UST LEAD:	NO	DSCA LEAD:	NO
NON HAZ SUB SITE EP:		NON HAZ SUB SITE VOL:	
NON HAZ SUB SITE NFA:	NO		
POLLUTANT ONLY SITE-OPEN:	0		
POLLUTANT ONLY SITE -NFA RESTRICTED:			0

ORDERS, AGREEMENTS, AND SOLICITATIONS

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). 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.

NFRAP - No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W - Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN - Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST - Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR - database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

Federal IC / EC: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

BUREAU OF INDIAN AFFAIRS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: NCDENR STATE INACTIVE HAZARDOUS SITES LIST - database of sites and Facilities that are being investigated due to reported releases of Hazardous substances. Included within this Inactive Hazardous Waste Sites Inventory database are the following classifications: Inactive Hazardous Waste Sites (IHS), No Further Action Sites (NFA), Duplicate Sites (DS), Inactive Hazardous Waste Sites Priority List Sites (SPL)

State Spills 90: NCDENR INCIDENT MANAGEMENT DATA (UST and Groundwater) - database of possible releases/spills of contaminants. The data includes media effected, material released, source and site

priority.

State/Tribal SWL: *NC DENR* ALL PERMITTED SOLID WASTE FACILITIES - database of C&D Landfill, Compost, House Hold Hazardous Waste landfill, Incinerator (Industrial) Landfill, Incinerator (Medical) Landfill, Industrial Landfill, Land Clearing and Inert Debris Landfill, Mixed Waste Processing Landfill, Municipal Solid Waste Landfill, Tire Treatment and Processing Landfill, and Transfer and Processing Stations.

State/Tribal LUST: *NC DENR* INCIDENT MANAGEMENT DATA (UST and Groundwater) - database of leaking underground storage tanks. This database is a subset of the Incident Management Data (UST and Groundwater) where the source is a leaking ust. This data is concerned with petroleum storage systems and includes facilities and/or locations that have reported the possible release of contaminants. This database also includes State Spill Sites.

REGIONAL UST DATABASE (SUBSET) - database of information obtained from the Regional Offices in which an incident has occurred. 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.

State/Tribal UST/AST: *NC DENR/EPA* REGISTERED TANKS and FACILITY DATABASE - database of underground storage tanks registered with the North Carolina Department of Environment and Natural Resources. Inclusion on this list indicates the presence of underground petroleum storage tanks and therefore the potential for environmental problems. It does not necessarily indicate existing problems.

TRIBAL LAND UNDERGROUND STORAGE TANKS - database of underground storage tanks that are reported to be on Native American lands.

REGIONAL UST DATABASE - database of 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.

State/Tribal IC: *NC DENR* STATE INACTIVE HAZARDOUS SITES LIST SUBSET - database of sites and Facilities that have land use restrictions and are being investigated due to reported releases of Hazardous substances. Included within this Inactive Hazardous Waste Sites Inventory database are the following classifications: Inactive Hazardous Waste Sites (IHS), No Further Action Sites (NFA), Duplicate Sites (DS), Inactive Hazardous Waste Sites Priority List Sites (SPL)

State/Tribal VCP: *NC DENR* STATE INACTIVE HAZARDOUS SITES LIST SUBSET- database of sites and Facilities that are being investigated due to reported releases of Hazardous substances and have a voluntary cleanup agreement. Included within this Inactive Hazardous Waste Sites Inventory database are the following classifications: Inactive Hazardous Waste Sites (IHS), No Further Action Sites (NFA), Duplicate Sites (DS), Inactive Hazardous Waste Sites Priority List Sites (SPL)

State/Tribal Brownfields: *NC DENR* BROWNFIELD PROJECTS INVENTORY - database of Active Eligible Sites, Projects Pending Eligibility, and Finalized Brownfields Agreements.

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Other: *NC DENR* North Carolina Dry-Cleaning Solvent Cleanup Act Program (DSCA) – Database of certified site list and project managers

DENR DRYCLEANING SITES LIST – Database of all sites identified by the department with possible dry-cleaning solvent contamination. List includes sites that have been certified into the DSCA Program.

State Other: *US DOJ* NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPAMA DEP/CT DEP Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency

Updated annually

Tribal Lands: DOI/BIA United States Department of the Interior

Updated annually

State/Tribal Sites: NCDENR North Carolina Department of Environment and Natural Resources, Division of Waste Management

Updated quarterly

State Spills 90: NCDENR North Carolina Department of Environment and Natural Resources, Division of Water Quality/Groundwater Section

Updated quarterly

State/Tribal SWL: NCDENR North Carolina Department of Environment and Natural Resources, Division of Waste Management

Updated annually

State/Tribal LUST: NCDENR North Carolina Department of Environment and Natural Resources, Division of Water Quality/Groundwater Section

Updated quarterly

State/Tribal UST/AST: NCDENR/EPA North Carolina Department of Environment and Natural Resources, Division of Waste Management

Updated quarterly

State/Tribal IC: NCDENR North Carolina Department of Environment and Natural Resources, Division of Waste Management

Updated quarterly

State/Tribal VCP: NCDENR North Carolina Department of Environment and Natural Resources, Division of Waste Management

Updated quarterly

State/Tribal Brownfields: NCDENR North Carolina Department of Environment and Natural Resources

Updated quarterly

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

State Other: NC DENR North Carolina Department of Environment and Natural Resources, Division of Waste Management

Updated quarterly

State Other: US DOJ U.S. Department of Justice

Updated when available

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 705 KENT ST
DURHAM NC 27701

JOB: 03112

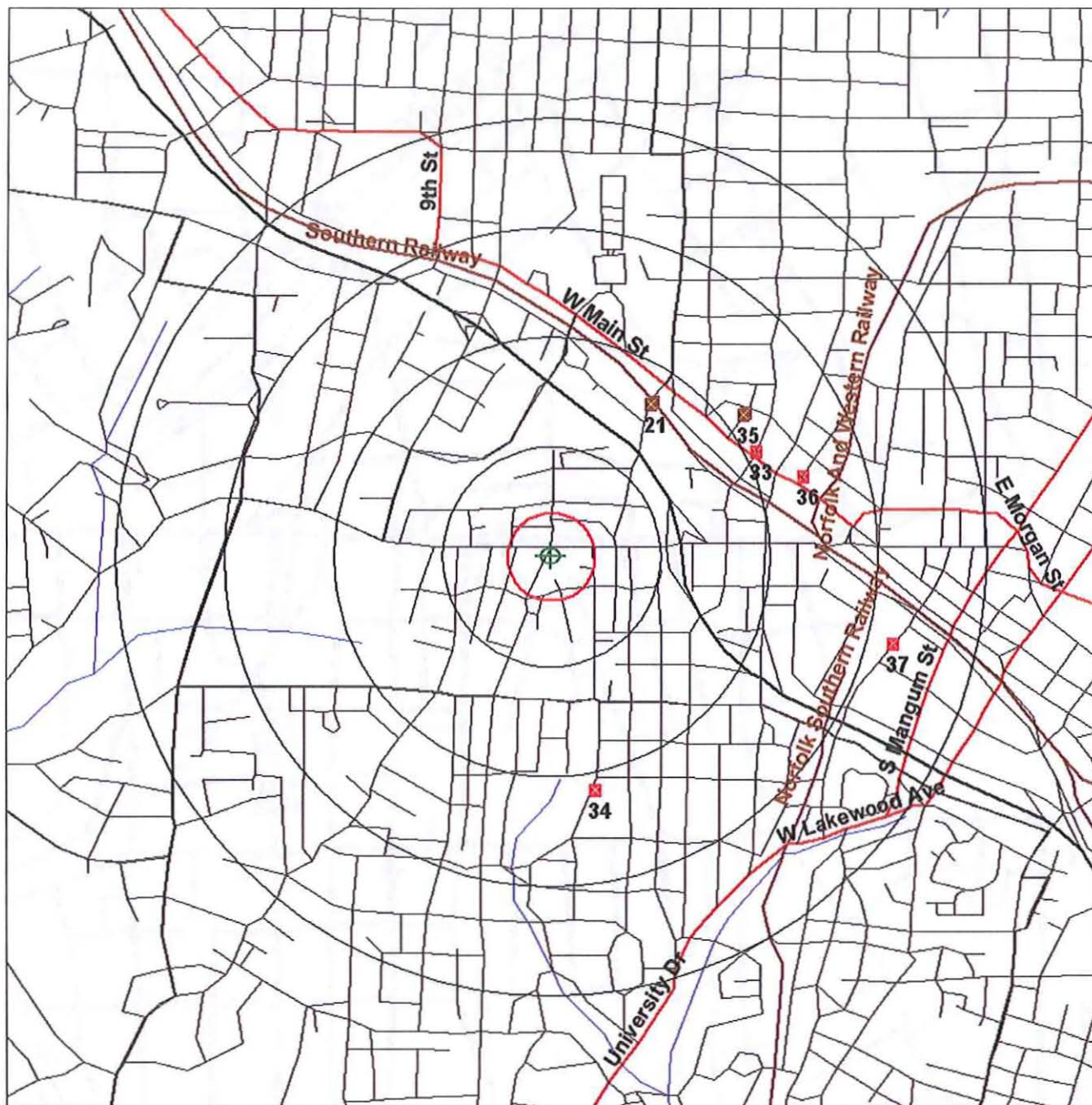
Street Name	Dist/Dir	Street Name	Dist/Dir
Arnette Ave	0.18 NE		
Brewster St	0.10 NW		
Burch Ave	0.13 NW		
Carroll Aly	0.08 SE		
Carroll St	0.10 SE		
Duke University Rd	0.20 NW		
Ely Ave	0.17 SW		
Estes St	0.14 NW		
Exum St	0.08 NW		
Gattis St	0.04 NE		
Gerard St	0.09 NW		
Jackson St	0.05 SE		
Kent St	0.02 NW		
Maplewood Ave	0.20 NW		
Rome Ave	0.23 NE		
S Buchanan Blvd	0.14 SE		
Shepherd St	0.25 NE		
W Chapel Hill St	0.04 NE		
Wilkerson Ave	0.22 NW		
Yancey Pl	0.20 SE		
Yancey St	0.18 SE		



Environmental FirstSearch

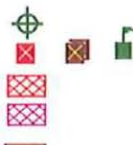
1 Mile Radius
ASTM Map: NPL, RCRACOR, STATE Sites

705 KENT ST, DURHAM NC 27701



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 35.996329 Longitude: -78.917333)
 Identified Site, Multiple Sites, Receptor
 NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
 Triballand.....
 Railroads
 Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





Environmental FirstSearch

.5 Mile Radius
ASTM Map: CERCLIS, RCRATSD, LUST, SWL

705 KENT ST, DURHAM NC 27701



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 35.996329 Longitude: -78.917333)

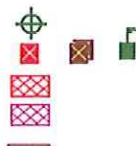
Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



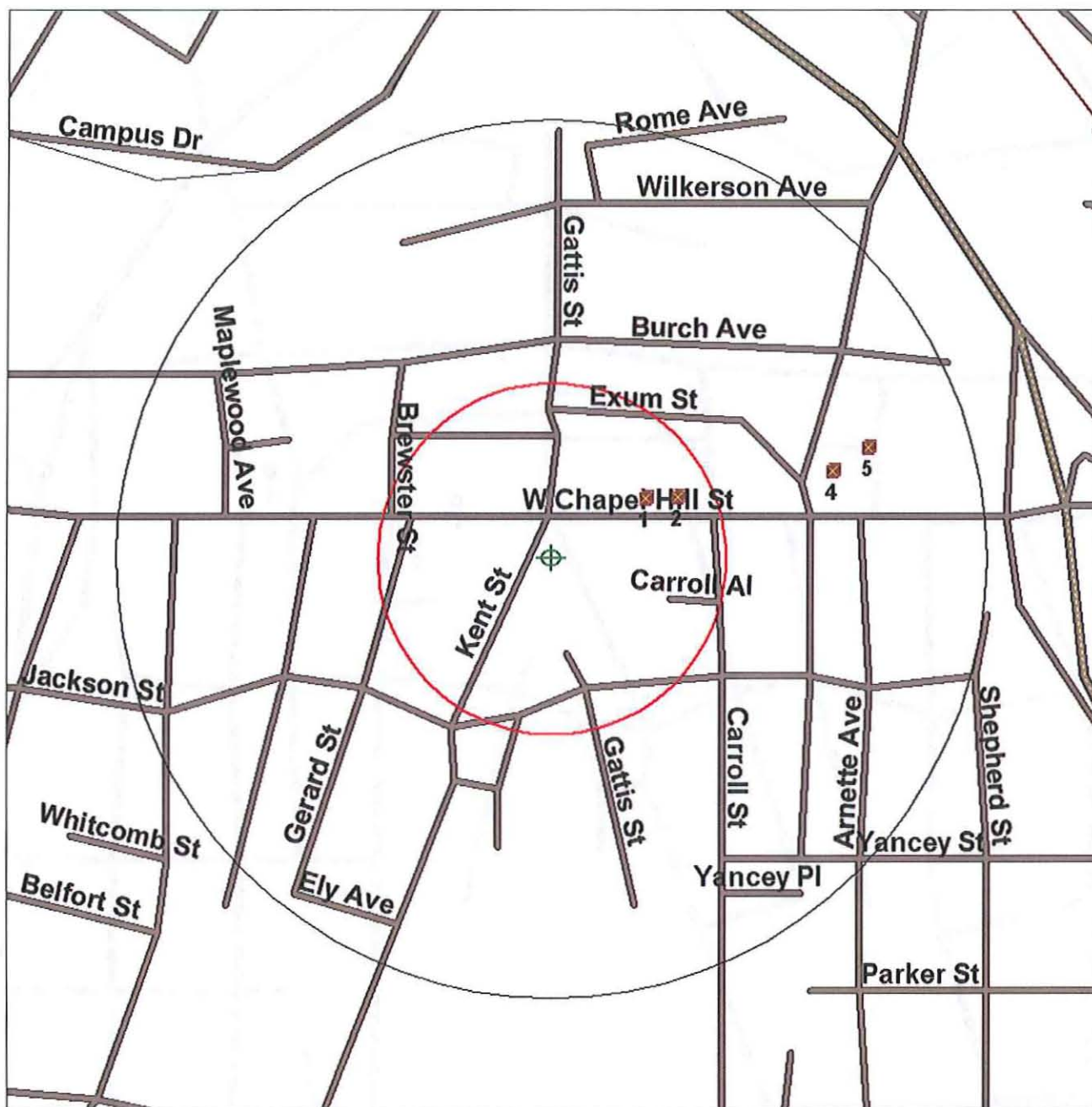


Environmental FirstSearch

.25 Mile Radius
ASTM Map: RCRA GEN, ERNS, UST



705 KENT ST, DURHAM NC 27701



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 35.996329 Longitude: -78.917333)

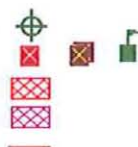
Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



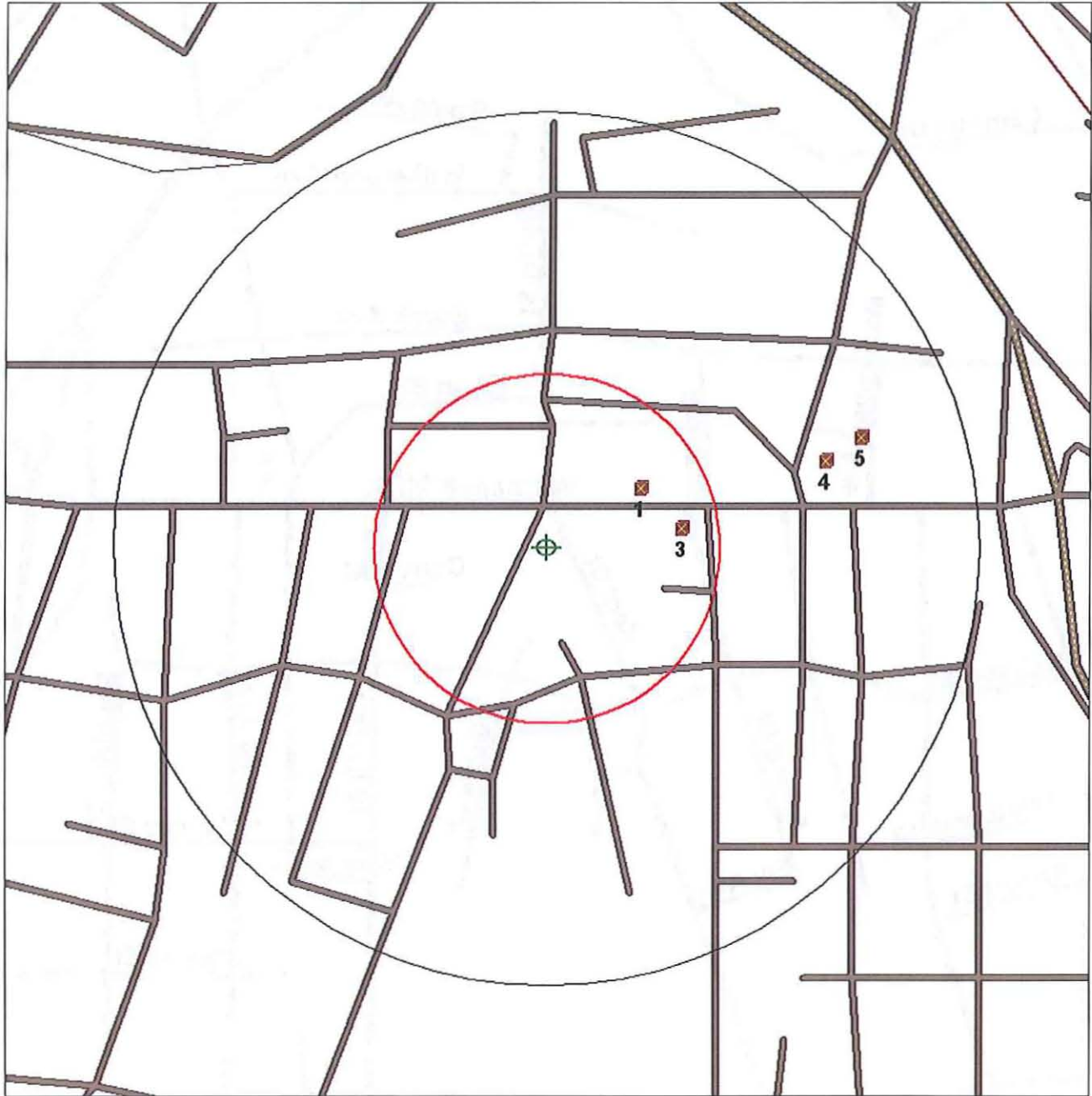


Environmental FirstSearch

.25 Mile Radius
Non-ASTM Map: Spills 90, Other



705 KENT ST, DURHAM NC 27701



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 35.996329 Longitude: -78.917333)

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

National Historic Sites and Landmark Sites

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft Radius



APPENDIX D

MAILED

APR 7 - 2011



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

April 7, 2011

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

M.M. Fowler, Inc.
Mr. Marvin Barnes
4220 Neal Road
Durham, NC 27705

Re: Notice of Regulatory Requirements
15A NCAC 2L .0407(c)
Risk-based Assessment and Corrective Action for
Petroleum Underground Storage Tanks

West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham
Durham County
Incident Number: 26241
Risk Classification: Intermediate
Ranking: 155D

Dear Mr. Barnes:


The subject incident has been determined by the Department, in response to North Carolina General Statute (NCGS) 143-215.94E(e4), to be of sufficiently high priority to allow funding by the State Trust Fund Program. Therefore, you are directed to proceed with assessment or remediation activities. Specifically, you are required to sample all the groundwater monitoring well associated with the site and prepare a Groundwater Monitoring Report within 60 days of receipt of this letter.

Effective October 1, 2004, the Department requires that all work following the submittal of the Limited Site Assessment Report (Title 15A NCAC 2L .0405) be preapproved if State Trust Fund reimbursement is anticipated. To comply with this requirement, a completed Preapproval/Claim Authorization Form, encompassing the required remedial activities, must be received in this office within 14 days of the date of this letter. 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.

Please note that performing assessment and cleanup work that is not required under 15A NCAC 2L .0400 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 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
Hydrogeologist II
Raleigh Regional Office

cc: Robert Brown, Durham County Health Department
James Dodson, P.G. – 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

Mooreville (MOR) – 610 East Center Avenue, Suite 301, Mooreville, 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, 400 West Market Street, Suite 300, Greensboro, NC 27401, (336) 641-3771

FTP: FUNDING resumed NOR0210.dot



emsenv.com

February 28, 2012

Mr. Wayne Randolph
NCDENR
Division of Waste Management - UST Section
1628 Mail Service Center
Raleigh, North Carolina 27699-1637



Reference: First Semi-Annual 2012 Pre-CAP Groundwater Monitoring Report
West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, Durham County, North Carolina
NCDENR UST Incident No: 26241 Site Rank: Intermediate 155D
Work Performed Under NCDENR TA Form 26241-3

Dear Mr. Randolph:

Please find attached a First Semi-Annual 2012 Pre-CAP Groundwater Monitoring Report prepared in response to your NORR correspondence dated September 26, 2011. Based upon the results of a February 7, 2012 groundwater sampling event it is suggested to continue with the performance of Semi-annual groundwater monitoring and sampling events along with monthly AFVR events to be performed on MW-3.

PSH was monitored in well MW-3 this period at a measurable thickness of 0.45-feet. This was the second detection of PSH onsite since the release was identified on February 25, 2003. The first detection occurred on July 6, 2011 at a thickness of 0.46-feet

Please review this report and provide return correspondence indicating an approved course of action to remediate PSH in MW-3.

If you have any questions regarding the information presented herein, please contact the undersigned at (919) 596-0470.

Sincerely,
EMS Environmental, Inc.


Scott Werley
Senior Project Manager

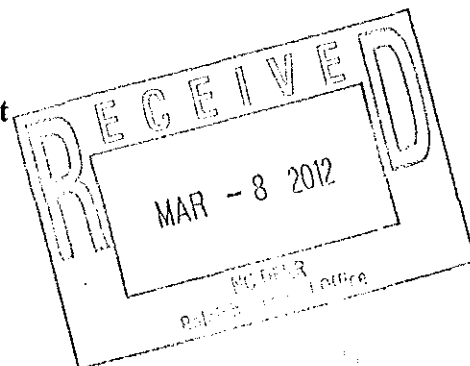
cc: 7358 File
M.M. Fowler, Inc.

M:\7358-westchapelhillst-bp\Reports\7358_1st Semi 2012-Restart Rpt.doc

**First Semi-Annual 2012
Pre-CAP Groundwater Monitoring Report**

**West Chapel Hill Street BP
EMS Project #7132**

February 28, 2012



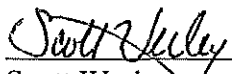
Site Name: West Chapel Hill Street BP
Location: 1118 West Chapel Hill Street, Durham, Durham County, North Carolina
NCDENR Incident No.: 26241
Site Rank: Intermediate 155D
Facility I.D. No.: 0-016393
Land Use Category: Commercial
UST Owner/Operator: M.M. Fowler, Inc. (UST owner/operator)
4220 Neal Road
Durham, North Carolina
(919) 309-2925

Environmental Consultant: EMS Environmental, Inc.,
117 South Hoover Rd
Durham, North Carolina 27703
(919) 596-0470

Date Release Discovered: February 25, 2003
Source of Release: Former UST system
Size and Contents of UST System (former): Three 5,000-Gallon Gasoline USTs.

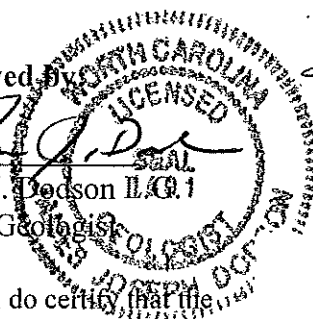
Latitude/Longitude: 35° 59' 48.63" North / 78° 55' 02.02" West

Prepared by:


Scott Werley
Senior Project Manager

Reviewed by:


James J. Dodson L.G. 1
Senior Geologist



I, James Dodson, a Licensed Geologist for EMS Environmental, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

EMS Environmental, Inc. is licensed to practice geology in North Carolina. The certification number of the corporation is C-141.



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Appendix B: NCDENR Well Permit and Well Construction (GW-1) Forms
Appendix C: Laboratory Groundwater Analytical Report with COC Documentation

**First Semi-Annual 2012
Pre-CAP Groundwater Monitoring Report**

1.0 INTRODUCTION

The West Chapel Hill Street BP Service Station currently operates as an automobile repair facility known as Tint Masters Auto Center (TMAC). No underground storage tanks (USTs) currently exist on the property and petroleum products are no longer being sold commercially. The site is located at 1118 West Chapel Hill Street at the intersection of West Chapel Hill Street and Gattis Street in Durham, Durham County, North Carolina. **Figure 1** is a portion of the United States Geological Survey (USGS) 7.5-minute Southwest Durham, NC Quadrangle Map showing the location of the site and potential receptor survey limits. **Figure 2** is a site plan map depicting monitoring well locations, former UST locations, utilities, and general site layout.

This report has been prepared under North Carolina Department of Environment and Natural Resources (NCDENR) Task Authorization number 26241-3 received with NCDENR approval via facsimile on November 4, 2011 (**Appendix A**).

The Task Authorization request was submitted to the NCDENR in response to Notice of Regulatory Requirements (NORR) correspondence dated September 26, 2011. The NORR indicated specifically that the installation of additional monitoring wells was required along with subsequent site groundwater sampling to delineate the extent of groundwater contamination. This report has been prepared in response to the September 26, 2011 dated NCDENR NORR correspondence and details the installation of new monitoring wells identified as MW-6 and MW-7 and the results of subsequent groundwater monitoring and sampling.

1.1 Site Property Ownership and Use

M.M. Fowler, Inc. owned the former gasoline underground storage tank (UST) and the former kerosene above-ground storage tank (AST) system at the site. M.M. Fowler, Inc. owns the site property and currently leases it to TMAC for their performance of repairs and upgrades to customer vehicles. Currently, one stand-alone structure exists on the site including the business's office, garage bays, bathrooms, and attached remnant canopy. A make shift car washing station also exists along the western property boundary near Gattis Street. The property is secured with gated chain link fencing that surrounds the site.

1.2 UST and AST Inventory Summary

Three 5,000-gallon capacity steel constructed gasoline USTs were removed for UST closure purposes on February 24 through March 5, 2003. One 2,000-gallon capacity steel constructed kerosene AST was removed for closure purposes on March 6, 2003. Two ASTs remain in use at the

facility and are located at the rear of the facility. The ASTs are steel constructed 550-gallon capacity tanks used for the storage of heating oil and used motor oil respectively. Petroleum products are no longer being sold at the facility.

1.3 Applicable Cleanup Levels

The West Chapel Hill Street BP site was designated as "Intermediate" risk due to the presence of Ethylene dibromide (EDB) detected above Gross Contamination Levels (GCLs) in monitoring well MW-3 during the Limited Site Assessment (LSA) Phase II activities performed on August 11, 2003. A final Risk, Rank, and Abatement score of Intermediate 155 D was assigned to the site.

Currently the site's applicable cleanup levels associated with site groundwater are the January 2010 published GCLs based upon its Intermediate risk ranking.

1.4 Monitoring Well Installations - MW-6 and MW-7

In response to NCDENR NORR correspondence dated September 26, 2011, two Type-II monitoring wells were installed this period. The wells were identified as MW-6 and MW-7 and were installed for horizontal delineation purposes offsite across West Chapel Hill Street to the south and southeast. Free product delineation for a July 6, 2011 measured thickness of PSH in MW-3 of 0.46 feet was the main goal of the additional installed monitoring points.

MW-6 has been located on property addressed as 1117 West Chapel Hill Street, and MW-7 has been located on property addressed as 1115 West Chapel Hill Street. Both of the properties maintain the same property owner identified as Self Help. Access was granted to the properties by Self Help through execution of an Access and Indemnity Agreement on December 2, 2011. Subsequent NCDENR well permitting was applied for and obtained on December 19, 2011 through Monitoring Well Construction Permit Number WM0500856. Access Agreement and NCDENR permitting documentation has been included in **Appendix B**.

On January 24, 2012, Ransier Environmental Drilling, Inc. (REDI) of Pinehurst, North Carolina completed monitoring wells MW-6 and MW-7 both to final depths of 25 feet below ground surface (BGS) in the locations shown on Figure 2. Each monitoring well, MW-6 and MW-7, was constructed utilizing 20 feet of 2-inch ID 0.010 inch slotted PVC screen with 5 feet of schedule 40 PVC riser pipe. Medium grained filter sand was added to the borehole and a bentonite pellet seal was added to the annulus above the sand. The remainder of the borehole was grouted with cement and finished with a boltdown manhole, locking expandable well cap, and lock.

Well installation details are included with the well completion records (GW-1 forms) located in Appendix B.

2.0 SUMMARY OF GROUNDWATER MONITORING AND ANALYTICAL RESULTS

2.1 Groundwater Flow Direction

A monitoring well construction summary has been included as **Table 1**. Depth to groundwater measurements were collected on February 7, 2012 and are summarized in **Table 2**. The inferred groundwater surface, as interpreted from the data, is shown on **Figure 3**. Based upon **Figure 3**, the shallow groundwater flow direction is oriented towards the southeast over a hydraulic gradient of approximately 0.032 feet/foot (MW-1 to MW-6).

2.2 Occurrence of Phase Separated Hydrocarbons (PSH)

PSH was measured at a thickness of 0.45 feet in monitoring well MW-3 on February 7, 2012, a decrease of 0.01 feet from the 0.46 foot thickness last measured on July 6, 2011 (**Table 2**). No other monitoring wells onsite were monitored to have any measurable thicknesses of PSH. The measured thickness of PSH in MW-3 on July 6, 2011 was the first detection of PSH at the facility since the release was identified on February 25, 2003. A down well oil only wick was installed in MW-3 by EMS personnel on the date of groundwater sampling this period performed on February 7, 2012. The wick remains down well at this time. This represents the first attempt to recover PSH from the site.

2.3 Groundwater Monitoring Well Sampling Procedures

Groundwater samples were collected from MW-1, MW-2, MW-4, MW-5D, MW-6, and MW-7 on February 7, 2012. MW-3 was monitored with a 0.45-foot measurable thickness of PSH on the date of sampling and was not sampled for laboratory analysis. Each sampled well was purged of three well volumes using disposable polyethylene bailers prior to sampling. The samples were collected within laboratory supplied/preserved sample containers, emplaced in an ice chilled cooler, and submitted for laboratory analysis by EPA Method 6200B, Massachusetts Department of Environmental Protection (MADEP) Extractable Petroleum Hydrocarbon (EPH) and Volatile Petroleum Hydrocarbons (VPH), and for lead using Extraction Method 3030c. Newly installed wells MW-6 and MW-7 were additionally sampled for analysis by EPA Method 504.1 (Low Level EDB).

2.4 Groundwater Monitoring Well Sampling Results

Analytical results from EPA Method 6200B, revealed detectable or estimated concentrations of target compounds Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), MTBE, Isopropylbenzene, 4-Isopropyltoluene, Naphthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene. Of the detectable targeted compounds, none were reported at concentrations in excess of the applicable GCL. Analytical results are summarized in **Table 3** and laboratory reports are included in **Appendix C**.

Analysis for Lead (Pb) by 3030c extraction revealed detections of Lead in monitoring wells MW-1 (177 ug/L) and MW-2 (105 ug/L). Both reported concentrations were below Lead's GCL of 15,000 ug/L. Lead analytical results have been summarized in Table 3 and laboratory reports are included in Appendix C.

MADEP VPH and EPH results revealed one or more detections of MADEP VPH and/or EPH aliphatic and aromatic hydrocarbon fractions in each sampled well. Results that indicated exceedances of the NCAC 2L groundwater standards, included C5-C8 Aliphatics at 8,100 ug/L in MW-1 above the 420 ug/L 2L standard. Additionally, the C9-C22 aromatic petroleum hydrocarbon fraction range was detected above its 210 ug/L NCAC 2L standard in monitoring well MW-1 at 9,020 ug/L. No other detected concentrations of any MADEP VPH or EPH hydrocarbon fraction ranges were reported in excess of the NCAC 2L groundwater standards. Analytical results for MADEP VPH and EPH are summarized in Table 4.

2.5 Size and Behavior of the Dissolved Phase Plume

The levels of dissolved phase BTEX and MTBE in sampled wells have decreased or remained generally stable since their last sampling event on July 6, 2011. MW-3 was monitored this period with a 0.45-foot measurable thickness of PSH down from 0.46-feet measured on July 6, 2011. PSH was not measured in any other monitoring well.

BTEX and MTBE isoconcentration maps have been prepared and included as **Figures 4 through 8** and illustrate the inferred compound specific petroleum hydrocarbon plume extent over the site and site vicinity in regards to the NCAC 2L groundwater standards. Review of Figures 4 through 8 reveal that horizontal delineation to the applicable GCL groundwater standards has been achieved for all compounds in all geographic directions.

Vertical delineation to applicable GCL and the NCAC 2L groundwater standards has been achieved to a depth of 60 feet below ground surface for all EPA Method 6200B, lead, and MADEP VPH and EPH compounds as shown in deep well MW-5D.

2.6 Proximity of Plume to Closest Receptors

No receptors were identified within 1,500 feet of the site during the Limited Site Assessment Phase I investigation performed in 2003.

3.0 CONCLUSIONS AND RECOMMENDATIONS

A groundwater monitoring and sampling event was conducted on February 7, 2012 following the installation of horizontal delineation wells identified as MW-6 and MW-7. Results of the sample event have been compared to the January 2010 published applicable GCLs for groundwater.

Of the detectable targeted compounds reported, none were reported with concentrations in excess of their corresponding GCL. One monitoring well however, MW-3, was measured with a PSH thickness of 0.45-feet. An oil only down well wick was installed in MW-3 upon the detection of PSH this period on February 7, 2012. The wick remains down well for future removal and disposal. The installed wick represents the first attempt to recover PSH at the site.

Horizontal delineation to the applicable GCL groundwater standards has been achieved for all compounds in all geographic directions. Figures 4 through 8 illustrate the inferred petroleum hydrocarbon plume with respect to the more stringent NCAC 2L groundwater standards, and illustrate that horizontal delineation to this standard has not been achieved to the northeast (MW-1) for the compounds Benzene, Ethylbenzene, Xylenes (total), and MTBE. Vertical delineation to the applicable GCL and the more stringent NCAC 2L groundwater standards has been achieved to a depth of 60 feet below ground surface for all EPA Method 6200B, lead, and MADEP VPH and EPH compounds as shown in deep well MW-5D.

Site risk reduction from Intermediate to Low may be possible if PSH in MW-3 can be abated, and if all other site monitoring wells maintain their current groundwater quality below the applicable GCLs.

Recommendations for the West Chapel Hill Street BP include continued semi-annual groundwater quality sampling and reporting. In conjunction with continued semi-annual sampling and reporting, it is recommended that monthly AFVR events be authorized to be performed on MW-3 to remove PSH and associated elevated dissolved phase hydrocarbons from the well. Final decisions however will be made by the NCDENR following review of this report.

TABLES



TABLE 1. MONITOR WELL CONSTRUCTION SUMMARY
M. M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, Durham County, North Carolina
EMS Project #7358

Well I.D. No.	Well Completion Date	Well Diameter (inches)	Total Well Depth (ft.)	TOC Elevation (feet amsl)	Screen Interval (B-TOC')
MW-1	6/2/2003	2"	25.00	377.18	15' - 25'
MW-2	8/4/2003	2"	25.00	376.62	5' - 25'
MW-3	8/4/2003	2"	25.00	378.06	5' - 25'
MW-4	8/4/2003	2"	25.00	379.23	5' - 25'
MW-5D	8/4-5/03	6" outer to 40'	60.00	376.94	55' - 60'
MW-6	1/24/2012	2"	25.00	378.94	5' - 25'
MW-7	1/24/2012	2"	25.00	380.30	5' - 25'

NOTES:

- 1.) "B-TOC'" denotes feet below top of casing.
- 2.) "amsl" denotes above mean sea level.



Table 2 : GROUNDWATER MONITORING And ELEVATION DATA
M.M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, Durham County, North Carolina
EMS Project No. 7358

Date	MW-1 Water Depth	MW-2 Water Depth	MW-3 Water Depth	MW-3 PSH Depth	MW-4 Water Depth	MW-5D Water Depth	MW-6 Water Depth	MW-7 Water Depth
6/20/2003	7.14	-	-	NM	-	-	-	-
8/11/2003	7.40	5.81	6.41	NM	6.97	23.99	-	-
1/30/2004	-	-	7.98	NM	-	-	-	-
7/6/2011	9.97	9.49	11.44	10.98	12.41	12.37	-	-
2/7/2012	10.46	10.29	12.39	11.94	13.29	12.65	16.57	16.99

TOC ELEV	MW-1 Water Elev	MW-2 Water Elev	MW-3 Water Elev	MW-3 PSH Thickness	MW-4 Water Elev	MW-5D Water Elev	MW-6 Water Elev	MW-7 Water Elev
	377.18	376.62	378.06	378.06	379.23	376.94	378.94	380.30
Date	Water Elev	Water Elev	Water Elev	PSH Thickness	Water Elev	Water Elev	Water Elev	Water Elev
6/20/2003	370.04	-	-	NM	-	-	-	-
8/11/2003	369.78	370.81	371.65	NM	372.26	352.95	-	-
1/30/2004	-	-	370.08	NM	-	-	-	-
7/6/2011	367.21	367.13	366.96	0.46	366.82	364.57	-	-
2/7/2012	366.72	366.33	366.00	0.45	365.94	364.29	362.37	363.31

- Notes: 1.) TOC elevations based from northwest corner of building with an assigned base elevation of 380.00 feet ngvd (Figure 1).
2.) " - " indicates that well was not installed and/or no data was collected for that date.
3.) "NM " indicates that phase separated hydrocarbons (PSH) were not monitored in the well.
4.) All measurements are reflected in Feet.
5.) Groundwater elevations have been corrected for the presence of PSH where applicable $\{(Groundwater\ Elevation + PSH\ Thickness) \times 0.74\}$.



Table 3. Groundwater Analytical Results Summary - Volatiles by 62008 and Lead by 3030C
M.M. Fowler, Inc., West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, Durham County, North Carolina
EWS Project No. 7333

Well ID Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Isopropyl Ethyl (ug/L)	Ethylhex dibromide (ug/L)	Lead (ug/L)	n-Butyl benzene (ug/L)	sec-Butyl benzene (ug/L)	Chloro benzene (ug/L)	Chloro form (ug/L)	o-Chloro toluene (ug/L)	1,2-Dichloro ethane (ug/L)	o-Dichloro benzene (ug/L)	Isopropyl benzene (ug/L)	4-Isopropyl toluene (ug/L)	p-Propyl toluene (ug/L)	Methyl chloride (ug/L)	Methylene chloride (ug/L)	Naphthalene (ug/L)	p-Propyl benzene (ug/L)	1,2,4-Tr methylene (ug/L)	1,3,5-Tr methylene (ug/L)	
MW-1 20-Jun-03	1,200	12,000	2,200	13,200	170	ND	ND	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11-Aug-03	1,300	19,000	2,200	11,400	190	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05-Jul-11	776	1,370	1,370	7,650	1,010	ND	ND	144	ND	9.1 J	ND	ND	ND	ND	ND	80.8	ND	6.3 J	ND	145 a	451	230	1,970	519	
07-Feb-12	710	190	1,900	8,600	1,100	ND	ND	177	ND	ND	ND	ND	ND	ND	ND	170	36	ND	ND	ND	800	470	3,500	1,100	
MW-2 20-Jun-03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11-Aug-03	1,200	1,000	230	680	1,100	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	3.9	ND	ND	0.53 J	3.4 J a	1.1	NA	0.30 J	ND	
06-Jul-11	ND	0.31 J	ND	ND	155	0.86 J	ND	ND	0.23 J	0.05 J	ND	ND	ND	ND	ND	2.4 J	ND	ND	ND	ND	ND	ND	ND	ND	
07-Feb-12	ND	ND	ND	ND	400	ND	ND	105	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-3 20-Jun-03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11-Aug-03	3,400	6,500	720	3,800	580	ND	56	ND	ND	724	ND	ND	203 J	ND	ND	1,240	ND	NA	NA	NA	25,600	4,950	82,300	13,100	
05-Jul-11	13,400	31,900	6,830	43,000	1,270	ND	262 J	70.3	2,310	ND	ND	ND	0.45 FEET PSR PRESENT IN MONITORING WELL	ND	ND	ND	ND	ND	ND	1,070 J a	ND	ND	ND	ND	
07-Feb-12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-4 20-Jun-03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11-Aug-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
06-Jul-11	6.6	0.59	1.7	1.64	5.3	ND	ND	ND	0.46 J	0.48 J	0.34 J	0.60	0.36 J	ND	0.34 J	2	ND	0.28 J	ND	ND	0.46 J	0.9	5.7	0.59	
07-Feb-12	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-5D 20-Jun-03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11-Aug-03	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
06-Jul-11	ND	ND	ND	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
07-Feb-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-6 07-Feb-12	ND	ND	ND	ND	0.54 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-7 07-Feb-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
NC GCL 3	5,000	260,000	84,500	85,500	20,000	70,000	50	15,000	6,900	8,500	50,000	70,000	400	70,000	20,000	25,000	NS	NS	NS	3,000	5,000	5,000	30,000	28,500	25,000
15A NCAC 2L	1	500	600	500	20	70	0.02	15	70	70	50	70	0.4	70	20	70	NS	NS	NS	3	5	6	70	400	400

NOTES:
1. "ND" = not detected above method detection limit stated on analytical report.
2. Bold font on sample result indicates exceedance of January 2010 published Gross Contamination Level (GCL) Standards for most current data only.
3. "NS" = No Standard Published
4. "a" = Not detected above method detection limit stated on analytical report.
5. "J" = Concentration followed by "J" indicates a suspected laboratory contaminant.
6. "a" = Concentration followed by "a" indicates an estimated value.
7. "J" = Concentration followed by "J" indicates a suspected laboratory contaminant.
8. MW-3 was sampled on July 6, 2011 with a PSR thickness of 0.46-feet present in the well.

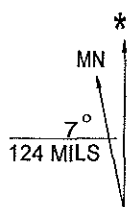


Table 4. Groundwater Analytical Results Summary - MADEP EPH and VPH
M.M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, Durham County, North Carolina
EMS Project No. 7358

Well ID	Sample Date	MADEP HYDROCARBON FRACTION RANGE (in ug/L)			
		ALIPHATICS	ALIPHATICS	ALIPHATICS	AROMATICS
		C5-C8 C5-C8 Ali (VPH)	C9-C18 [C9-C12 Aliph. (VPH) - C9-C10 Arom. (VPH)] + C9-C18 Aliph. (EPH)	C19-C36 C19-C36 Ali (EPH)	C9-C22 C9-C10 Arom. (VPH) + C11-C22 Arom. (EPH)
MW-1	20-Jun-03	12,000	6,200	ND	10,600
	11-Aug-03	NS	NS	NS	NS
	06-Jul-11	8,530	5,132	ND	15,703
	07-Feb-12	8,100	2,198	ND	9,020
MW-2	11-Aug-03	2,200	ND	ND	550
	06-Jul-11	206	11.4 J	ND	57.4 J
	07-Feb-12	145	- 0.6 J	ND	24
MW-3	11-Aug-03	11,000	2,200	ND	7,400
	06-Jul-11	72,100	94,000	676	32,600
	07-Feb-12	0.45 FEET PSH PRESENT IN MONITORING WELL			
MW-4	11-Aug-03	ND	ND	ND	ND
	06-Jul-11	66.1 J	- 0.1 J	ND	56.2 J
	07-Feb-12	11.5 J	4.0 J	ND	6.3 J
MW-5D	11-Aug-03	ND	ND	ND	ND
	06-Jul-11	ND	ND	ND	ND
	07-Feb-12	ND	ND	ND	ND
MW-6	07-Feb-12	ND	ND	ND	2.6 J
MW-7	07-Feb-12	9.0 J	ND	ND	ND
NCAC 2L STD		420	4,200	42,000	210

- NOTES:
- 1.) ND = Not detected above the laboratory detection limit stated on analytical report.
 - 2.) Bold Font indicates exceedance of NCAC 2L groundwater standard for most current data only (2/7/2012).
 - 3.) NS denotes well not sampled.
 - 4.) "J" indicates an estimated value.

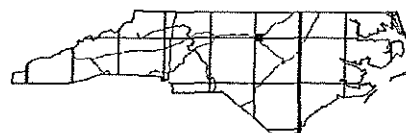
FIGURES



CONTOUR INTERVAL 10 FEET



500, 1,000, AND 1,500 FOOT RADII USED DURING RECEPTOR SURVEY.



PORTION OF THE SOUTHWEST DURHAM, NC USGS 7.5 MINUTE QUADRANGLE MAP



FIGURE 1:
SITE AND VICINITY TOPO MAP
1118 W. CHAPEL HILL STREET
DURHAM, NORTH CAROLINA

MODIFIED BY: SMW
DATE: 8-24-11
EMS PROJECT # 7358

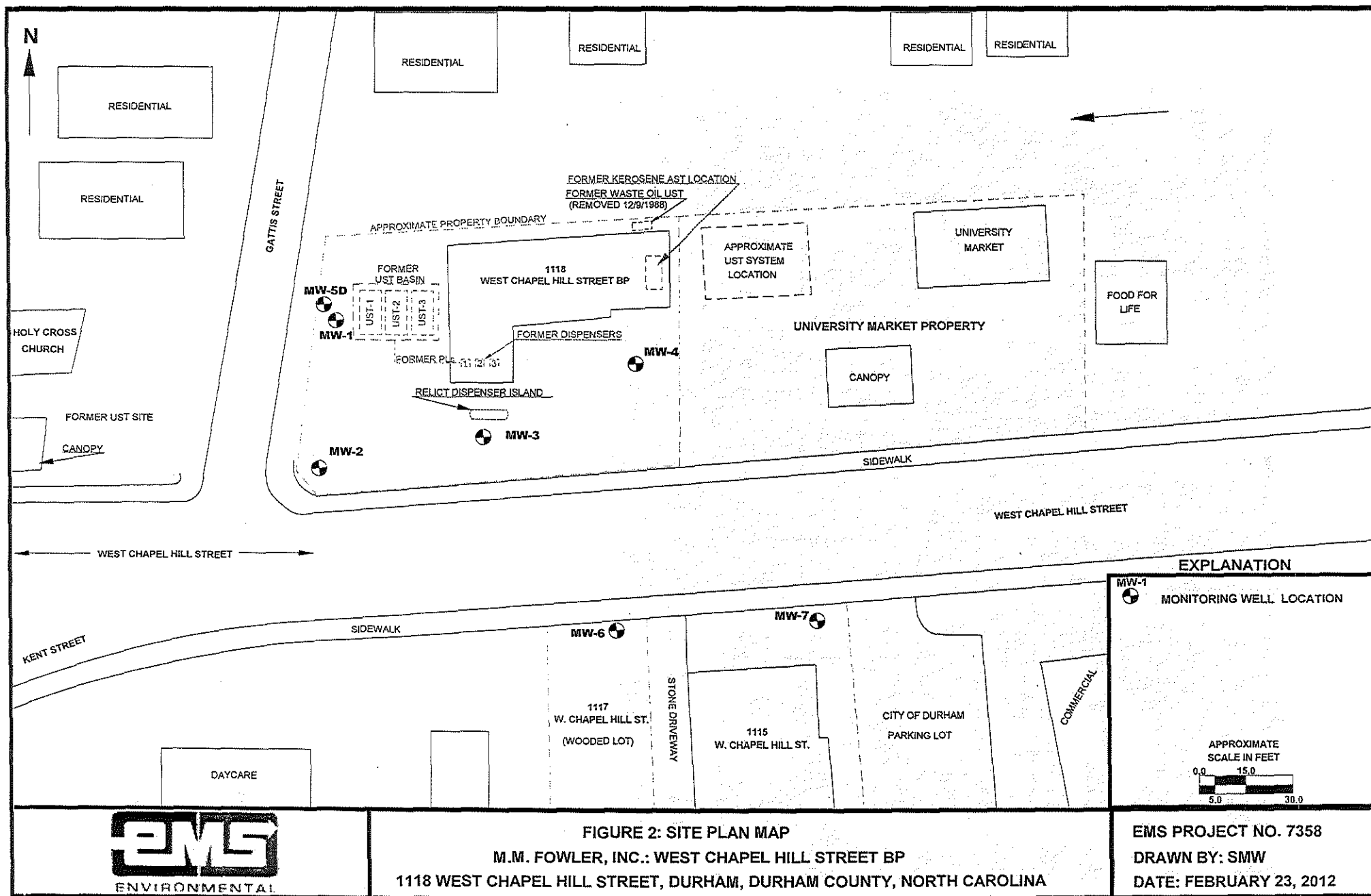
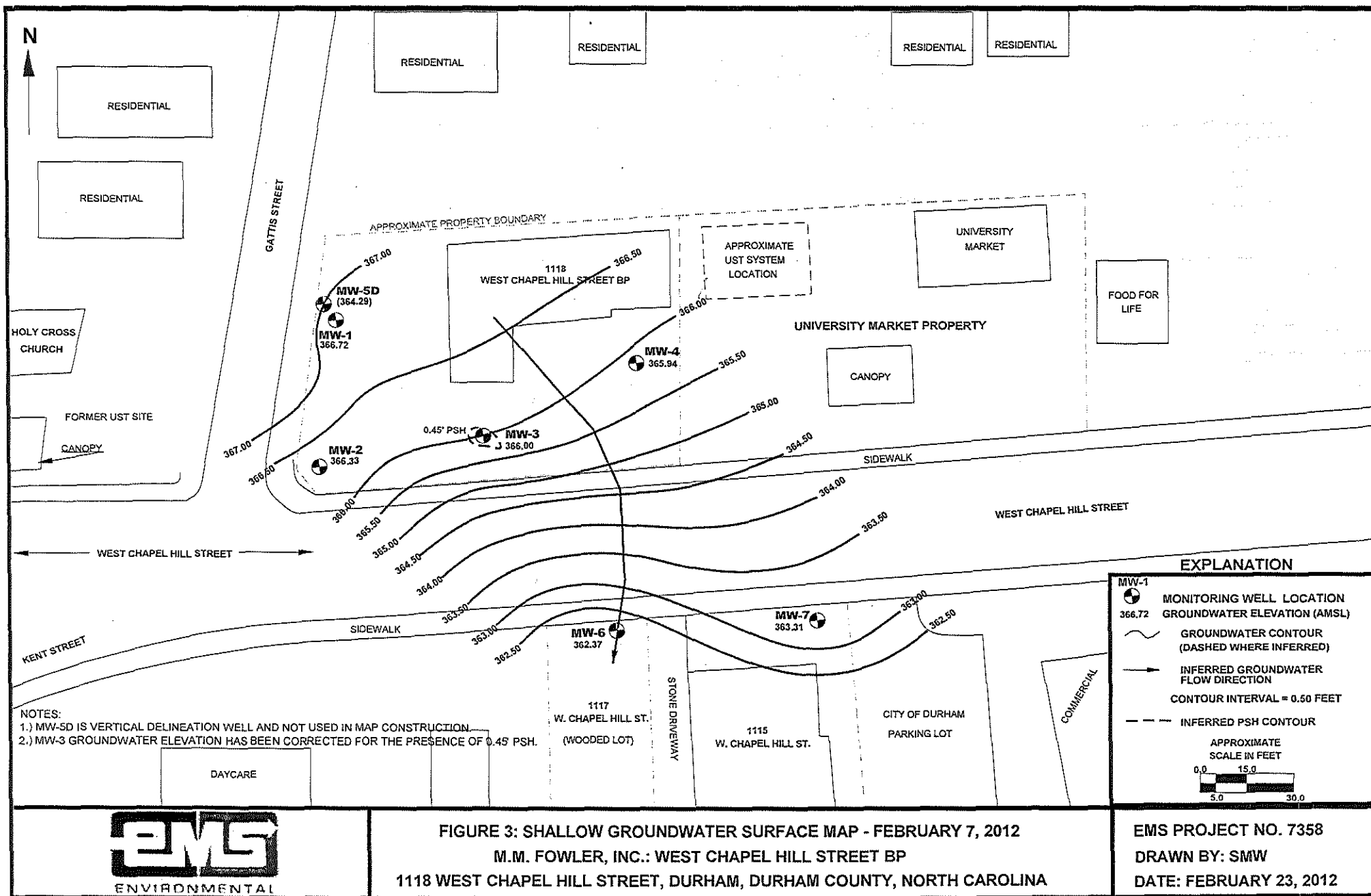
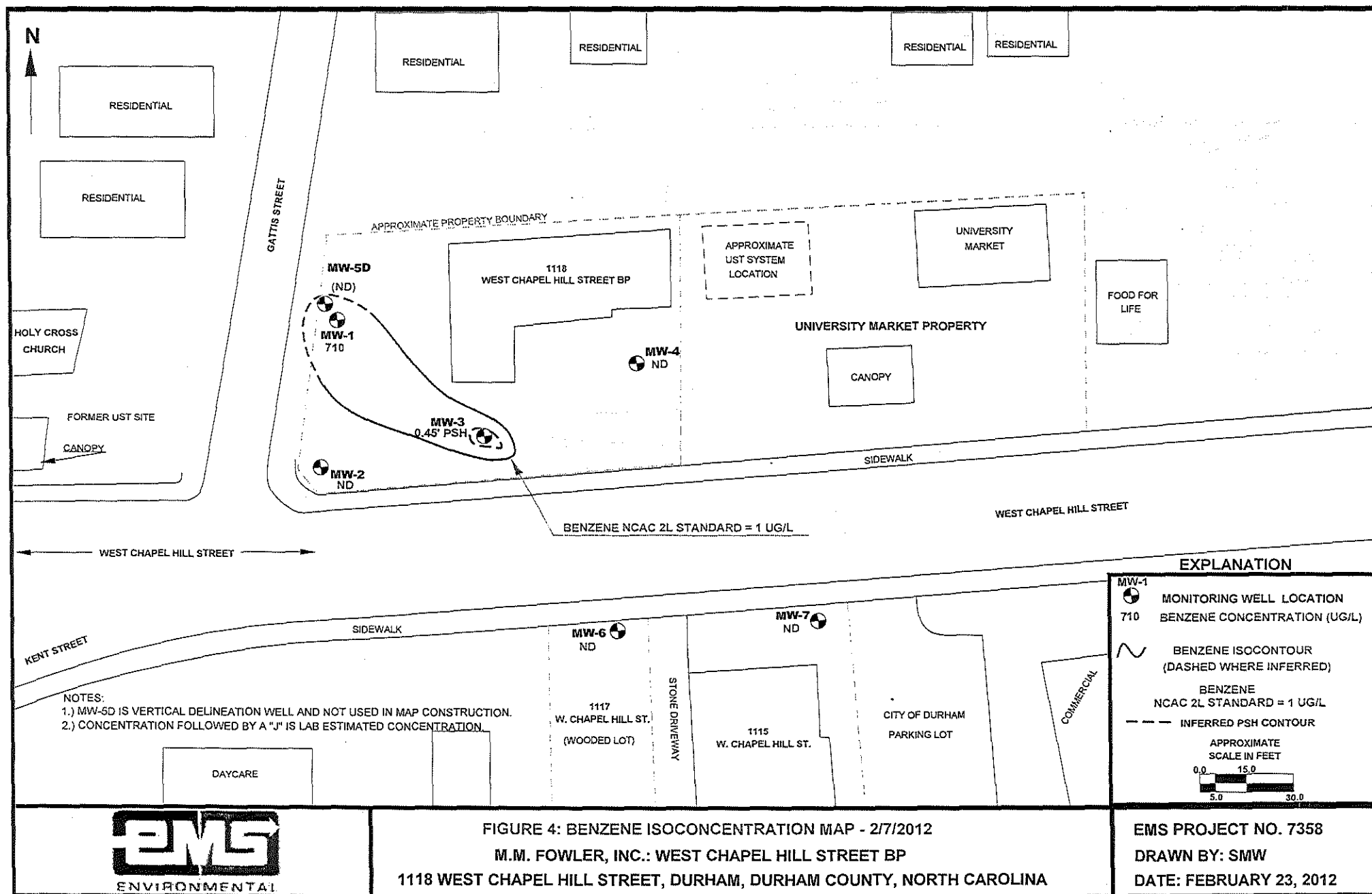
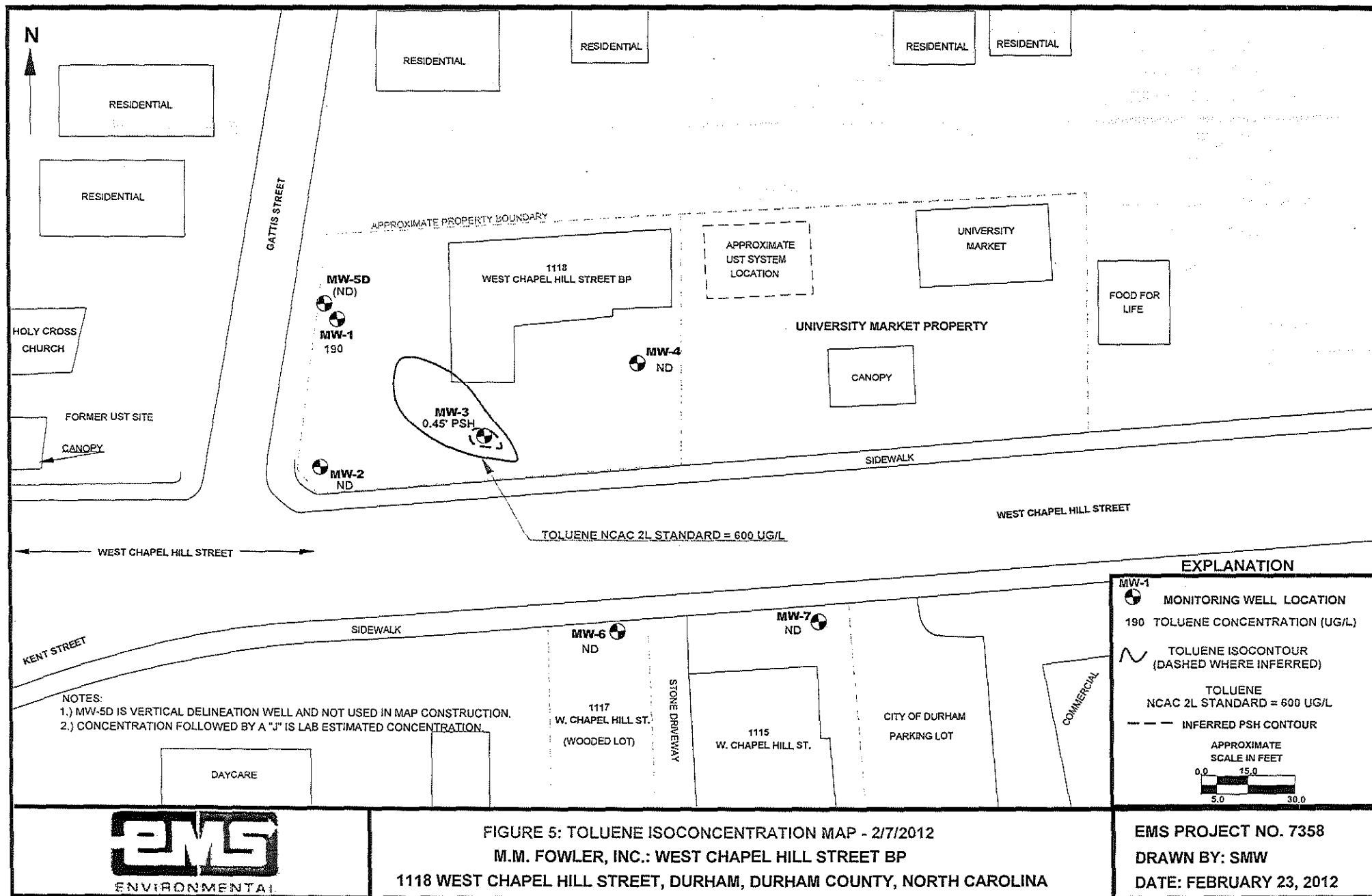


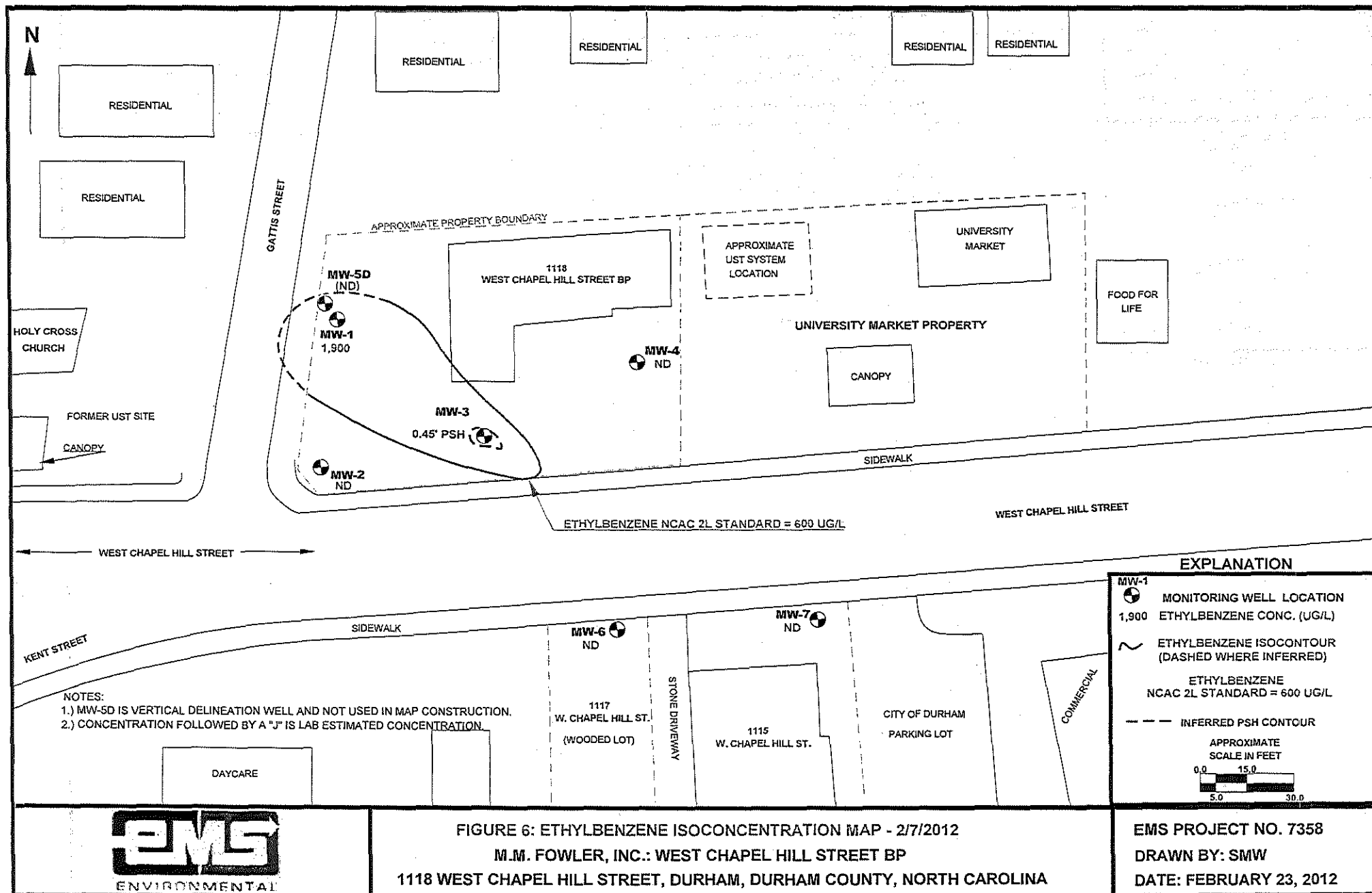
FIGURE 2: SITE PLAN MAP
M.M. FOWLER, INC.: WEST CHAPEL HILL STREET BP
1118 WEST CHAPEL HILL STREET, DURHAM, DURHAM COUNTY, NORTH CAROLINA

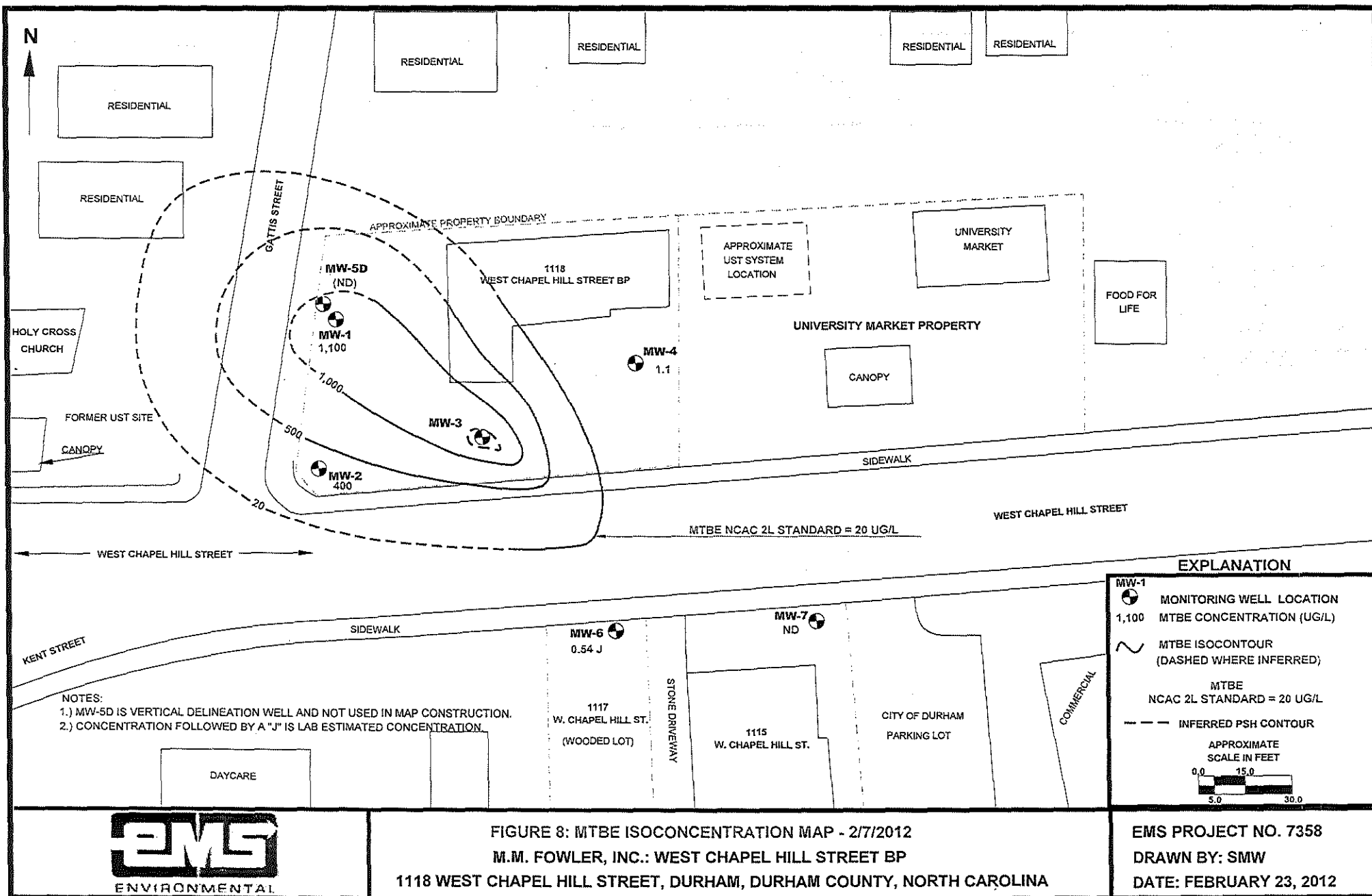
EMS PROJECT NO. 7358
DRAWN BY: SMW
DATE: FEBRUARY 23, 2012

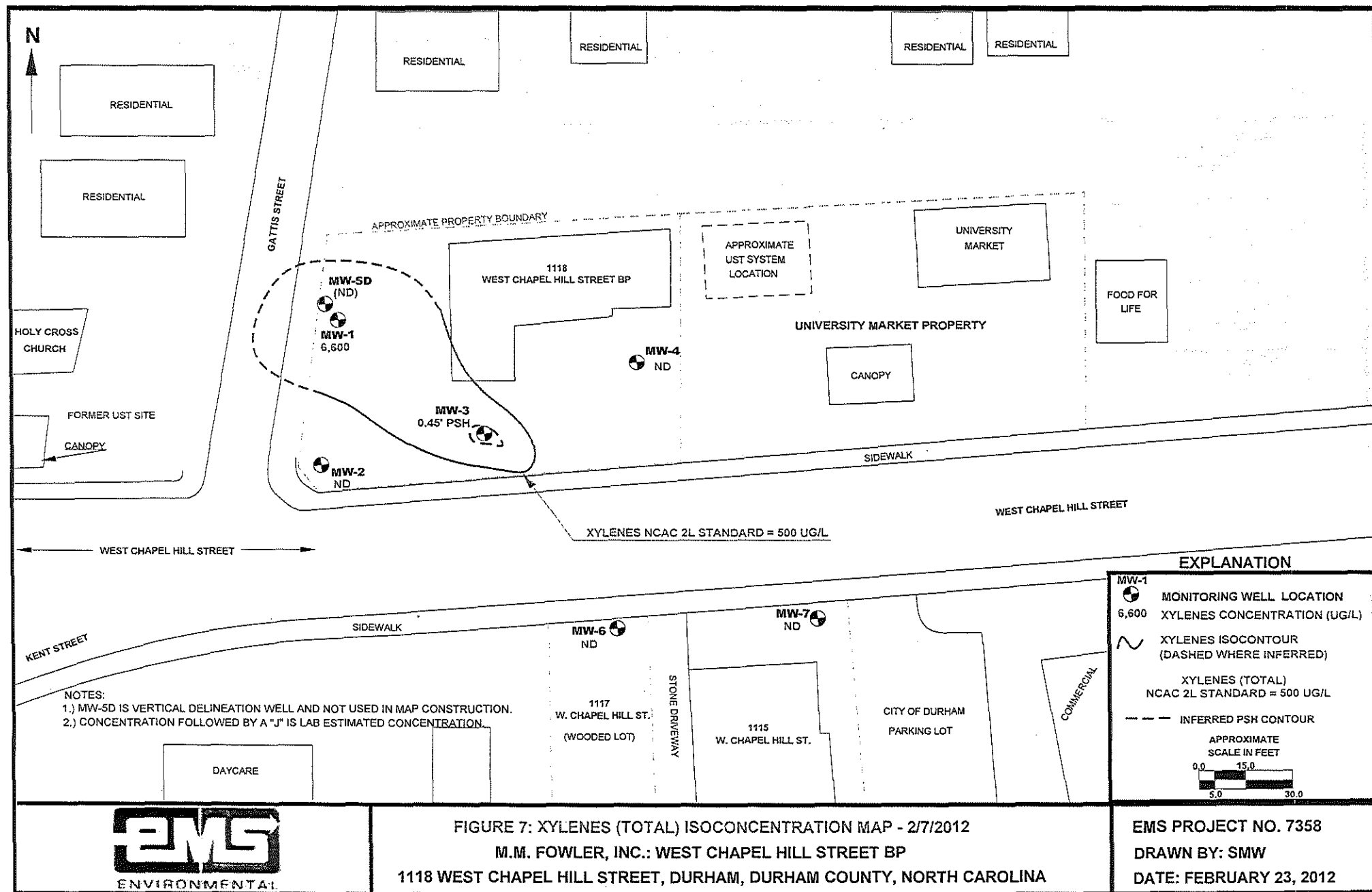










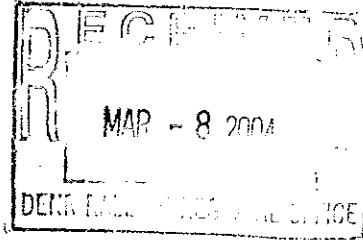



ENVIRONMENTAL INC.

March 3, 2004

Mr. Mark Powers
NCDENR-Division of Waste Management
Raleigh Regional Office
1628 Mail Service Center
Raleigh, North Carolina, 27699-1628

Re: West Chapel Hill Street BP
1118 West Chapel Hill Street
Durham, NC
Facility ID: 0-016393
Incident #: 26241
Risk/Land Use: Intermediate / Residential

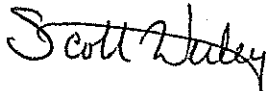


Dear Mr. Powers:

Attached is a Comprehensive Site Assessment (CSA) Soil Only Report prepared for M.M. Fowler, Inc. by EMS Environmental, Inc. for the above referenced site.

Please review the attached report and provide regulatory guidance to M.M. Fowler, Inc. concerning future assessment and/or remedial activities that they may be required to be performed. If possible, EMS would request that carbon copies made to us be performed.

Sincerely,
EMS Environmental, Inc.



Scott Werley
Project Manager

Cc: 7358 File, M.M. Fowler, Inc.

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COMPREHENSIVE SITE ASSESSMENT
Soil Only

West Chapel Hill Street BP Service Station
1118 West Chapel Hill Street
Durham, Durham County, North Carolina

Facility ID No. 0-016393
NCDENR Incident #: 26241
Latitude/Longitude: 35° 59' 48.63" North / 78° 55' 02.02" West

Site Priority Rank: Intermediate
Land Use: Residential

March 3, 2004
EMS Project No. 7358

Responsible Party/Property Owner:
M.M. Fowler Inc.
4220 Neal Road
Durham, NC 27701
(919) 309-2925

Consultant:
EMS Environmental Inc.
117 South Hoover Road, Durham, N.C. 27703
(919) 596-0470

Release Information:

Release Discovery Date: February 25, 2003
Estimated Quantity: Unknown
UST System Information: 3- 5,000 Gallon Gasoline
UST Contents: Gasoline

Prepared By: *Scott Werley*
Scott Werley
Project Manager

Reviewed By: *James J. Dodson*
James J. Dodson,
Senior Geologist

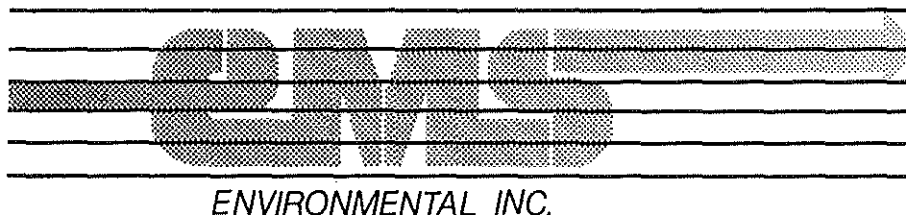
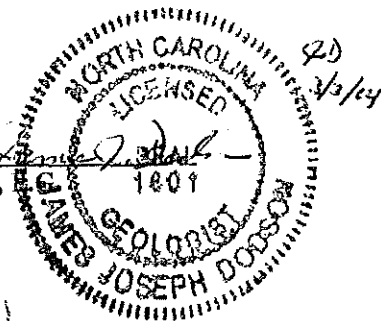
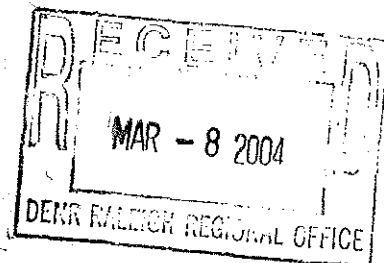


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EXECUTIVE SUMMARY

A Comprehensive Site Assessment (CSA) Soil Only has been prepared by EMS Environmental, Inc. (EMS) on behalf of M.M. Fowler, Inc. for an underground storage tank (UST) release detected at the West Chapel Hill Street BP Service Station on February 25, 2003. The release was detected during UST closure activities for three 5,000-gallon gasoline USTs owned/operated by M.M. Fowler, Inc. The West Chapel Hill Street BP is located at 1118 West Chapel Hill Street, Durham, Durham County, North Carolina.

Initial abatement activities included the evacuation of 150 gallons of residual petroleum/water mixture left in the three USTs prior to removal, the evacuation of 8,300 gallons of ponded petroleum hydrocarbon impacted water from the UST basin, and the excavation and disposal of 296.02 tons of petroleum impacted soil removed from the UST basin excavation. Previous investigative results were included in a Underground Storage Tank (UST) Closure Report (April 15, 2003) and a subsequent Limited Site Assessment (LSA) Phase I and II Report (September 26, 2003).

UST closure activities were initiated on February 24, 2003 and completed on March 5, 2003. Due to the presence of adsorbed phase petroleum hydrocarbons in excess of the Soil to Groundwater Maximum Soil Contaminant Concentrations (MSCCs) obtained from post-excavation and UST closure soil samples SW-South (10.5 feet BGS), SW-East (9.5 feet BGS), OE-UST-3 (15 feet BGS), D-1 (3.5 feet BGS), and D-3 (3.5 feet BGS), the North Carolina Department of Environment and Natural Resources (NCDENR)-Raleigh Regional Office (RRO) requested that Limited Site Assessment (LSA) Phase I activities be performed in correspondence dated April 29, 2003.

Potential receptor survey data collected on August 29, 2003 as part of the LSA Phase I investigation indicated that neither surface water within 500 feet of the source nor groundwater supply wells located within 1,500 feet of the source were identified. Zoning information resulted in a Residential land use classification.

Further LSA Phase I activities documented that groundwater quality (June 6, 2003) in the vicinity of the former UST basin (MW-1) had exceeded the ten times NCAC 2L groundwater standards for Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Aliphatics C5-C8, and Aromatics C9-C22. The exceedance of the ten times NCAC 2L groundwater standards in LSA Phase I monitoring well, MW-1, prompted the initiation of LSA Phase II activities.

LSA Phase II activities included the installation of additional monitoring wells to document the extent of petroleum hydrocarbon impacted groundwater. Groundwater quality data collected from LSA Phase II wells indicated that further delineation of the BTEX, MTBE, and EDB dissolved phase petroleum hydrocarbon plumes was necessary. Further, concentrations of EDB in Phase II well MW-3 were reported as exceeding the published Gross Contaminant Level (GCL) when sampled on August 11, 2003. Due to the exceedance of the GCL for EDB in MW-3 the site was assigned an Intermediate risk priority with a land use classification of Residential. Limited Site Assessment Phase I and II findings were documented in a report dated September 26, 2003.

NCDENR-RRO correspondence dated October 7, 2003 indicated that the LSA Phase I and II Report had been reviewed. The NCDENR requested in the correspondence that a Comprehensive Site Assessment (CSA) Soil and Groundwater Report be performed. However, further correspondence from the NCDENR dated October 27, 2003 indicated that Session Law 2003-352 had been passed and indicated that the performance of groundwater assessment or cleanup activities were no longer "directed work". Subsequent telephone correspondence with Mark Powers of the NCDENR-RRO indicated that due to the passing of Session Law 2003-352 a CSA Soil Only Report should be submitted. This CSA Soil Only Report has been prepared based on the above described correspondence.

CSA Soil Only activities consisted of the advancement of twelve soil borings (GP-1 through GP-12) to reassess and attempt to delineate the extent of adsorbed phase petroleum hydrocarbon impact in areas formerly documented as exceeding the Residential MSCCs. The soil borings were performed in areas located adjacent to former dispenser island and product line closure soil samples at depths of approximately 3.5 to 4.0 feet BGS.

Former post-excavation and UST closure samples, previously exceeding the Residential MSCCs at the time of UST closure activities, were not reassessed due to the groundwater elevations being recorded between 5 and 7 feet below top of well casing (BTOC) during LSA Phase I and II groundwater sampling activities. CSA Soil Only soil borings were advanced to a maximum depth of 5 feet BGS to remain above the soil/groundwater interface.

Soil quality data collected from CSA Soil Only soil borings GP-1 through GP-12 have shown that adsorbed phase petroleum hydrocarbon impact remains above the applicable Residential MSCC from 0 to 5 feet below ground surface around the former dispenser island areas. EMS Environmental recommends that a Corrective Action Plan be prepared to address soil cleanup alternatives at the facility.

1.0 SITE HISTORY

The West Chapel Hill Street BP Service Station currently operates as an automobile repair facility. No underground storage tanks (USTs) currently exist on the property and petroleum products are no longer being sold commercially. The site is located at 1118 West Chapel Hill Street at the intersection of West Chapel Hill Street and Gattis Street in Durham, Durham County, North Carolina. **Figure 1** is a portion of the United States Geological Survey (USGS) 7.5-minute Southwest Durham, NC Quadrangle Map showing the location of the site and the Limited Site Assessment (LSA) Phase I receptor survey limits. **Figure 2** is a site plan map depicting monitoring well locations, former UST locations, utilities, and general site layout.

The property is situated on a lot bounded by West Chapel Hill Street to the south, Gattis Street to the west, residential properties to the north, and the University Market convenience store (former gasoline station) to the east. Property across Gattis Street towards the west is occupied by the Holy Cross Church property (former gasoline station-multiple USTs remain un-assessed). Property across W. Chapel Hill Street to the south consists of a children's daycare facility known as All My Children Childcare Center.

Three 5,000-gallon capacity steel constructed gasoline USTs were removed for UST closure purposes on February 24 through March 5, 2003. One 2,000-gallon capacity steel constructed kerosene AST was removed for closure purposes on March 6, 2003. Two ASTs remain in use at the facility and are located at the rear of the facility. The ASTs are steel constructed 550-gallon capacity tanks used for the storage of heating oil and used motor oil respectively.

Closure activities for the above described UST system were performed on February 24 through March 5, 2003. The three 5,000-gallon gasoline USTs, one 2,000-gallon kerosene AST, all ancillary piping, and dispensers were removed. Soil samples collected for UST closure purposes were located and identified as shown on **Figure 3**, the soil sample location map.

A LSA Phase I and II was performed to assess the soil and groundwater in the vicinity of the tank basin and former product lines. Groundwater quality data collected from LSA Phase II wells indicated that further delineation of the BTEX, MTBE, and EDB dissolved phase petroleum hydrocarbon plumes was necessary. Further, concentrations of EDB in Phase II well MW-3 were reported as exceeding the published Gross Contaminant Level (GCL) when sampled on August 11, 2003. Due to the exceedance of the GCL for EDB in MW-3 the site was assigned an Intermediate risk priority with a land use classification of Residential. *Limited Site Assessment Phase I and II Report* findings were documented in a report dated September 26, 2003.

Following review of the September 26, 2003 dated LSA Phase I and II Report, the NCDENR issued correspondence dated October 7, 2003 which requested the performance of a Comprehensive Site Assessment (CSA) – Soil and Groundwater. NCDENR correspondence has been included in **Appendix A**.

Additional correspondence from the NCDENR dated October 27, 2003 indicated that Session Law 2003-352 (House Bill 897) had been passed and indicated that the performance of groundwater assessment or cleanup activities were no longer "directed work". Subsequent telephone correspondence with Mark Powers of the NCDENR-RRO indicated that due to the passing of Session Law 2003-352, a CSA Soil Only Report should be submitted. This CSA Soil Only Report has been prepared based on the above described correspondence.

1.1 UST/AST System Information

A total of four USTs and one AST have been closed at the facility. As documented in the NCDENR UST Section database, one 550-gallon used oil mixture UST, installed March 25, 1965 was removed for closure on December 9, 1988. Three 5,000-gallon capacity gasoline USTs, installed March 25, 1965 were removed during closure activities on March 3, 2003. The three 5,000-gallon USTs, closed in 2003, were located in one basin as shown on Figure 2. Closure documentation for the 2003 removed USTs and AST is located in **Appendix B**.

Two above ground storage tanks currently remain active at the facility. The ASTs are steel constructed 550-gallon capacity tanks used for the storage of heating oil and used motor oil. The former and current UST/AST inventory is summarized in **Table 1**.

1.2 UST System Ownership

All of the former USTs were owned and operated by M. M. Fowler, Inc. of 4220 Neal Road, Durham, NC. M.M. Fowler, Inc. also owns the currently used heating oil and used motor oil ASTs.

1.3 Abatement Activities

Abatement activities were performed during the UST closure in the vicinity of the three former 5,000-gallon USTs, and in the vicinity of the dispenser islands and product line as shown on Figure 3. Residual materials within the USTs were measured prior to removal. A total of 150 gallons of gasoline and sludge/water mixture were removed from the three USTs on February 26, 2003 by a vacuum truck. All of the material was transported by GARCO, Inc. to their Asheboro, NC facility for disposal. Liquid disposal manifests have been included in **Appendix C**.

GARCO, Inc. of Asheboro, NC was contracted to perform UST closure activities. Over-excavation of the UST basin was performed on the basis of a visual observation of impacted soils and volatile organic compound (VOC) hydrocarbon screening using a Photoionization detector (PID) calibrated to the manufacturer instructions on the date of the closure activities.

Over-excavation in the UST basin was performed laterally approximately 2.5 feet to the north and south, three feet to the east and west, and the entire basin was over-excavated vertically to a depth of approximately 15 feet BGS. The final excavation limits for the UST basin measured approximately 30 feet long by 21 feet wide by 15 feet deep. Following removal of the product lines, over-excavation was performed an additional 1.5 feet to a depth of four feet BGS. Product line excavation limits were measured at 40 feet long by 3.5 feet wide by four feet deep. Soil in the vicinity of the dispensers were excavated to a depth of 3.5 which involved approximately one to 1.5 feet of over-excavation. The final excavation limits for the dispenser island area were measured at 20 feet long by five feet wide by 3.5 feet deep.

Temporary on-site storage of excavated materials from the UST basin, dispenser island, and product line excavations were placed on approximately 10-mil thick plastic sheeting, and then covered and bermed with 10-mil plastic. A total of 296.02 tons of petroleum impacted soil was removed from the dispenser island, product line, and UST basin excavation areas for transportation to GARCO, Inc.'s facility in Asheboro, NC for disposal. Soil disposal and transportation manifests have been included in **Appendix C**.

1.4 Previous Investigations

1.4.1 Underground Storage Tank Closure Report – April 15, 2003

UST closure activities were initiated on February 24, 2003 and completed on March 6, 2003. The following sections detail soil sampling activities that were involved with the closure of the three 5,000-gallon USTs. All soil sample locations are shown on Figure 3.

5,000 Gallon Unleaded Gasoline UST Basin Closure Samples

During UST closure activities, soil samples were collected to document the quality of soils directly beneath the USTs and along the sidewalls of the UST basin excavation. On March 4, 2003 soil samples were collected from the sidewalls of the UST basin excavation and identified as SW-North, SW-South, SW-East, and SW-West, in relation to their geographical direction from the USTs. Soil sample locations are illustrated on Figure 3. North, south, and west sidewall samples were collected at approximately 10.5 feet BGS, while SW-East was collected from approximately 9.5 feet BGS.

All sidewall soil samples were collected for laboratory analyses by EPA Method 8260 and 8270, and Massachusetts Department of Environmental Protection (MADEP) Volatile Petroleum Hydrocarbons (VPH) and Extractable Petroleum Hydrocarbons (EPH). The soil samples were then placed within an ice-chilled cooler and transported by EMS personnel to Environmental Conservation Laboratories (ENCO), a North Carolina certified laboratory, located in Cary, NC. A copy of the laboratory analytical report with chain-of-custody (COC) documentation is included in **Appendix D**.

1.) EPA 8260 with MTBE and IPE Soil Analytical Results

Soil sample results for EPA Method 8260 are summarized on the attached **Table 2**. Soil samples SW-South and SW-East both exhibited multiple compounds in exceedance of the Soil to Groundwater Maximum Soil Contaminant Concentrations (MSCCs). No other soil closure samples exhibited concentrations of EPA Method 8260 targeted compounds in excess of the published Soil to Groundwater MSCCs.

2.) EPA 8270 Soil Analytical Results

Soil sample results for EPA Method 8270 are summarized on the attached **Table 3**. Soil samples SW-South and SW-East both exhibited multiple compounds in exceedance of the Soil to Groundwater MSCCs. No other closure soil samples exhibited concentrations of EPA Method 8270 targeted compounds in excess of the published Soil to Groundwater MSCCs.

3.) MADEP VPH and EPH Soil Analytical Results

MADEP VPH and EPH analytical soil results are summarized in the attached **Table 4**. Based upon review of **Table 4**, aromatic petroleum hydrocarbon fraction C9-C22 (VPH +EPH) concentrations exceeded the Soil to Groundwater MSCC of 34 mg/Kg in soil samples SW-South (537 mg/Kg) and SW-East (2,300 mg/Kg). Further, SW-South (250 mg/Kg) and SW-East (940 mg/Kg) were reported as exceeding the Soil to Groundwater MSCC of 72 mg/Kg when analyzed for aliphatic petroleum hydrocarbon range C5-C8 (VPH only). No other hydrocarbon fraction ranges were reported in excess of the published Soil to Groundwater MSCCs for UST closure soil samples.

Over-Excavation – UST Basin Closure Samples and Soil Quality

UST Closure overexcavation soil samples OE-UST-2 and OE-UST-3 (March 5, 2003) were collected below their corresponding UST after ponded water/petroleum directly underneath the USTs was evacuated. A closure soil sample could not be collected from underneath UST-1 as the ponded water/petroleum could not be completely evacuated. It was also observed that groundwater entered the excavation at approximately 10 to 10.5 feet BGS. Prior to placing the soil samples in laboratory supplied/preserved containers, they were collected in resealable plastic baggies from the bucket of the trackhoe excavator and field screened with a photoionization detector (PID) calibrated to manufacturer instructions. The soil samples were collected for laboratory analysis after field screening showed that volatile organic vapors were below 100 ppm and overexcavation was halted. Soil samples OE-UST-2 and OE-UST-3 were collected from approximately 15 feet BGS and were submitted for analyses by EPA Methods 8260 and 8270, and MADEP VPH and EPH. The soil samples were then placed within an ice-chilled cooler and transported by EMS personnel to ENCO, located in Cary, NC.

1.) EPA 8260 with MTBE and IPE Soil Analytical Results

Soil sample results for EPA Method 8260 are summarized on the attached Table 2. Soil samples OE-UST-2 and OE-UST-3 did not reveal any EPA Method 8260 target compounds in exceedance of the Soil to Groundwater MSCCs.

2.) EPA 8270 Soil Analytical Results

Soil sample results for EPA Method 8270 are summarized on the attached Table 3. Soil samples OE-UST-2 and OE-UST-3 did not reveal any EPA Method 8270 target compounds in exceedance of the Soil to Groundwater MSCCs.

3.) MADEP VPH and EPH Soil Analytical Results

MADEP VPH and EPH analytical soil results are summarized in the attached Table 4. Based upon review of Table 4, aromatic petroleum hydrocarbon fraction C9-C22 (VPH + EPH) concentrations exceeded the Soil to Groundwater MSCC of 34 mg/Kg in soil sample OE-UST-3 (132.4 mg/Kg). No other hydrocarbon fraction ranges were reported in excess of the published Soil to Groundwater MSCCs for OE-UST-2 or OE-UST-3. Complete UST Closure analytical laboratory reports with COC documentation are included in Appendix D. Figure 3 illustrates the sample locations.

Dispenser Island and Product Line Soil Samples

Two dispenser island soil samples (D-1 and D-3) were collected from approximately 3.5 feet BGS at the locations depicted on Figure 3. The soil samples were collected from below the center of the dispensers D-1 and D-3 in resealable plastic baggies and field screened with a PID. PID readings indicated volatile organic vapors at concentrations of 172 ppm and 462 ppm respectively. Although the concentrations exceeded 100 ppm, the excavation was discontinued due to water entering the excavation at approximately 3.5 feet BGS. Soil samples D-1 and D-3 were then placed in laboratory supplied/preserved containers and submitted for analysis by EPA Methods 8260 and 8270, and MADEP VPH and EPH. No soil sampling was performed underneath dispenser D-2 during UST closure activities due to the inability to remove the dispenser island. The removal of dispenser island (D-2) could have caused a weakening of the adjacent canopy support beams and the integrity of the canopy itself. However, all product lines and electrical wiring supplying D-2 were removed during UST closure activities.

Three product line soil samples were collected from approximately four feet BGS at the locations depicted on Figure 3 and identified as PL-1, PL-2, and PL-3. Product line soil samples were collected from every 20 feet of continuous product line and at all major joints. Product line soil samples were collected in resealable plastic baggies and field screened with a PID. PID concentrations indicated that at four feet BGS all volatile organic vapor concentrations were at or below 100 ppm. Soil samples PL-1, PL-2, and PL-3 were then collected in laboratory supplied/preserved containers and submitted for analysis by EPA Methods 8260 and 8270, and MADEP VPH and EPH.

1.) EPA 8260 with MTBE and IPE Soil Analytical Results

Soil sample results for EPA Method 8260 are summarized on the attached Table 2. Soil samples D-1 and D-3 both exhibited multiple compounds in exceedance of the applicable Soil to Groundwater Maximum Soil Contaminant Concentrations (MSCCs). Complete UST Closure analytical laboratory reports with COC documentation are included in Appendix D and summarized in Table 2. Figure 3 illustrates the sample locations.

2.) EPA 8270 Soil Analytical Results

Soil sample results for EPA Method 8270 are summarized on the attached Table 3. Soil samples D-1 and D-3 both exhibited multiple compounds in exceedance of the applicable Soil to Groundwater MSCCs when analyzed by EPA Method 8270.

3.) MADEP VPH and EPH Soil Analytical Results

MADEP VPH and EPH analytical soil results are summarized in the attached Table 4. Based upon review of Table 4, aromatic petroleum hydrocarbon fraction C9-C22 (VPH and EPH) concentrations exceeded the Soil to Groundwater MSCC of 34 mg/Kg in soil samples D-1 (47.6 mg/Kg) and D-3 (490 mg/Kg). No other dispenser island or product line hydrocarbon fraction ranges were reported in excess of the published Soil to Groundwater MSCCs. Complete UST Closure analytical laboratory reports with COC documentation are included in Appendix D. Figure 3 illustrates the soil sample locations.

Stockpile

One stockpile disposal sample was collected on February 25, 2003 following the removal of the overburden soils which had exhibited elevated PID concentrations and dark green and purple petroleum hydrocarbon staining adjacent to all three UST's fill ports. The sample was submitted for analyses by EPA 5030 and 3550.

1.) Total Petroleum Hydrocarbon EPA 5030 (gasoline range) and EPA 3550 (diesel range) Soil Results

Based upon review of the stockpile disposal analytical results analyzed by EPA 5030 and 3550, stockpiled soils were hauled off-site for disposal. When analyzed by EPA Method 5030 (DRO), concentrations were reported at 560 mg/Kg which exceeded the January 2, 1998 reportable soil concentration of 40 mg/kg for diesel range petroleum hydrocarbons. When analyzed by EPA Method 3550 (GRO), concentrations were reported at 250 mg/Kg which exceeded the January 2, 1998 reportable soil concentration of 10 mg/Kg for gasoline range organics. EPA Method 5030 and 3550 analytical results are summarized in Table 5.

1.4.2 LSA Phase I and II Report – September 26, 2003

Limited Site Assessment Phase I Activities

A Limited Site Assessment (LSA) – Phase I investigation was initiated in June 2003. As part of the LSA Phase I investigation, a potential receptor survey was completed and one Type-II monitoring well was installed to assess groundwater quality in the vicinity of the highest soil adsorbed concentrations observed during UST closure activities.

As part of the potential receptor survey performed on August 29, 2003 a door to door search of all residences and business establishments within a 1,500 foot radius of the site was performed. Potential receptor survey results indicated that neither surface water within 500 feet of the source nor groundwater supply wells within 1,500 feet of the source were identified. Table 6 is a summary of adjacent property information. Appendix E includes potential receptor survey and zoning information.

LSA Phase I activities also consisted of the installation of one Type II monitoring well (MW-1) on June 2, 2003. MW-1 was constructed utilizing 10 feet of 2-inch ID schedule 40 PVC 0.010 slotted well screen from 25' BGS to 15' BGS, and 15 feet of 2-inch ID schedule 40 PVC casing from 15 feet BGS to approximately 0.25 feet BGS. MW-1 was then completed with sand from 25 feet BGS to 13 feet BGS, bentonite from 13 feet BGS to 11 feet BGS, and grout from 11 feet BGS to 0.25 feet BGS. The well was placed within a circular concrete pad with a bolt down Pemco and a locking well cap. Monitoring well installation notes are shown on the installation logs and the well construction records (GW-1 Forms) included in **Appendix F**.

LSA Soil Quality – MW-1 Installation – June 2, 2003

Four soil samples collected during the installation of monitoring well MW-1 were collected June 2, 2003 and consisted of MW-1 (0-5 feet), MW-1 (5-10 feet), MW-1 (10-15 feet), and MW-1 (15-20 feet). Soil quality results from the boring of MW-1 are summarized below.

1.) EPA Method 5030 and 3550 – MW-1 Soil (0-5 feet), (10-15 feet), and (15-20 feet)

EPA Method 3550 analytical laboratory analyses for soil sample MW-1 (0-5 feet) reported diesel range organic (DRO) concentrations of TPH at 24 mg/Kg, 6.1 mg/Kg for MW-1 (10-15 feet), and 6.3 mg/Kg for MW-1 (15-20 feet). None of the detected DRO TPH concentration were reported above the NCDENR Action Level of 40 mg/Kg when analyzed by EPA Method 3550.

EPA Method 5030 analytical laboratory analyses for soil sample MW-1 (0-5 feet), (10-15 feet), and (15-20 feet) revealed all concentrations as not detected above the analytical laboratory method detection limits when analyzed for gasoline range organic (GRO) TPH concentrations. No GRO concentrations were detected from the boring of MW-1 and therefore all fell below the NCDENR Action Level of 10 mg/Kg for gasoline range organics. EPA Method 5030 and 3550 soil analytical results are summarized in Table 5. Complete analytical laboratory reports with chain-of-custody documentation from the LSA Phase I and II investigation are included in **Appendix G**.

2.) EPA Methods 8260 and 8270 – MW-1 Soil (5-10 feet)

Analyses by EPA Method 8260 (Table 2) for soil sample MW-1 (5-10 feet) revealed detectable concentrations of multiple EPA Method 8260 targeted compounds. However, only Benzene (0.38 mg/Kg) was reported as exceeding the Soil to Groundwater Maximum Soil Contaminant Concentration (MSCC) of 0.0056 mg/Kg. No other EPA 8260 targeted compounds were reported above the Soil to Groundwater MSCC by the analytical laboratory. EPA Method 8260 soil analytical results are summarized in Table 2. Complete analytical laboratory reports with chain-of-custody documentation from the LSA Phase I and II investigation are included in **Appendix G**.

Analysis by EPA Method 8270 (Table 3) revealed detectable concentrations of 2-Methylnaphthalene at 8.9 mg/Kg, Naphthalene at 3.8 mg/Kg, and Bis (2-ethylhexyl) phthalate at 7.9 mg/Kg. These concentrations were all reported as exceeding the Soil to Groundwater MSCCs of 3.0 mg/Kg, 0.58 mg/Kg, and 6.67 mg/Kg respectively. 1-Methylnaphthalene was also detected at a concentration of 4.8 mg/Kg, however there is no published Soil to Groundwater MSCC for 1-Methylnaphthalene. No other EPA 8270 targeted compounds were reported above method detection limits by the analytical laboratory. Complete analytical laboratory reports with chain-of-custody documentation from the LSA Phase I and II investigation are included in **Appendix G**.

3.) MADEP EPH Only – MW-1 Soil (5-10 feet)

Analysis by MADEP EPH did not reveal any detectable concentrations of aliphatic or aromatic hydrocarbon fraction ranges. MADEP VPH data was not collected because the analysis was unable to be performed due to limited sample volume. MADEP EPH and VPH soil analytical results summaries have been included in Table 4. Complete analytical laboratory reports with chain-of-custody documentation from the LSA Phase I and II investigation are included in **Appendix G**.

LSA Phase I Groundwater Quality – June 20, 2003

A groundwater-monitoring/sampling event was completed on June 20, 2003 from MW-1. Groundwater samples from MW-1 were collected for analysis by EPA Methods 601 and 602 modified to include MTBE, IPE, and Xylenes, EPA Method 504 (EDB), lead by extraction method 3030c, and MADEP EPH and VPH. EPA Method 625 with 10 tentatively identified compounds was not sampled due to insufficient water supply. Prior to collecting groundwater samples the depth to water was measured with an oil/water interface probe (IFP) at a depth of 7.14 feet below the top of casing.

Results from the June 20, 2003 sampling of groundwater from MW-1 indicated that the concentration of BTEX compounds exceeded ten times the NCAC 2L groundwater standard. Further, analysis by MADEP VPH and EPH revealed aliphatic hydrocarbon range C5-C8 concentrations as exceeding the 10 times NCAC 2L groundwater standard of 4,200 ug/L in MW-1 (12,000 ug/L), and concentrations of aromatic petroleum hydrocarbon fraction range C9-C22 exceeding the 10 times NCAC 2L standard of 2,100 ug/L in MW-1 (10,600 ug/L) on June 20, 2003. Based on these results, additional Phase II activities were initiated at the facility to further define shallow groundwater quality.

Limited Site Assessment Phase II Activities

LSA Phase II activities included the installation of three additional Type-II monitoring wells (MW-2 through MW-4) and one Type-III vertical delineation well, MW-5D. MW-2 through MW-4 were constructed utilizing 20 feet of 2-inch ID schedule 40 PVC 0.010 slotted well screen from 25 feet BGS to five feet BGS, and five feet of 2-inch ID schedule 40 PVC from five feet BGS to approximately 0.25 feet BGS. The wells were then completed with sand from 25 feet BGS to three feet BGS, bentonite from three feet BGS to one foot BGS, and grout from one foot BGS to 0.25 feet BGS. The wells were placed within a circular concrete pad with a bolt down Pemco and a locking well cap. Monitoring well installation notes are shown on the installation logs and the well construction records (GW-1 Forms) included in Appendix F.

Vertical delineation well, MW-5D, was installed in the location shown on Figure 2. The outer casing was advanced to a depth of 40 feet BGS on August 4, 2003. The outer casing is constructed of 40 feet of six-inch diameter PVC and was cemented in place using the tremie pipe method. The inner casing of MW-5D was drilled by air rotary techniques and was set on August 5, 2003. The inner monitoring well casing was constructed of five feet of two-inch ID 0.010 inch slotted PVC screen with 55 feet of schedule 40 PVC riser pipe for a total well depth of 60 feet BGS. The construction of MW-5D consisted of medium grained filter sand that was added to two feet above the screened interval and a two foot thick bentonite pellet seal that was added to the annulus above the sand. The remainder of the borehole was pipe grouted with Portland Cement with 10% bentonite to the ground surface and finished within a concrete pad, a locking well cap, and a bolt down Pemco.

Note: A composite soil sample (DISPOSAL) collected from the cuttings of borings for MW-2 through MW-5D on August 5, 2003 was analyzed by EPA Method 5030 and 3550 and revealed concentrations of 580 mg/Kg for DRO and 3,000 mg/Kg for GRO. Based on these analytical soil results the cuttings were collected in 55 gallon drums for disposal at a reclamation facility.

Following the installation of Phase II monitoring wells MW-2 through MW-5D on August 4 and 5, 2003, groundwater samples were collected on August 11, 2003. The monitoring wells were purged of three well volumes prior to sample collection using new nylon line and single use disposable polyethylene bailer. The groundwater samples were collected after 95% recovery of the pre-development depth to water was measured in the wells. Groundwater samples were poured into laboratory supplied/preserved sample containers, placed in an ice-chilled cooler and delivered to ENCO Laboratories located in Cary, North Carolina. Groundwater samples collected from MW-2 through MW-5D were submitted for analyses by EPA Methods 601 and 602 modified to include MTBE, IPE, and Xylenes, EPA Method 504 (EDB), EPA Method 625 with 10 TICs, lead by extraction method 3030c, and MADEP EPH and VPH. Groundwater from MW-1 was only collected for analysis by EPA Method 601 and 602 modified during LSA Phase II activities.

Depth to water measurements collected during LSA Phase I and II activities are included in Table 8. Depth to water measurements were subtracted from the surveyed top-of-casing (TOC) elevations to determine shallow groundwater elevation and inferred flow direction. Monitoring well construction summaries have been included in Table 9.

LSA Phase II Groundwater Quality – August 11, 2003

The following sections detail the groundwater quality results obtained from the August 11, 2003 groundwater sampling and monitoring event. The results have been compared to the NCAC 2L groundwater standards for horizontal and vertical delineation purposes.

1.) EPA Method 601

Groundwater collected from monitoring wells MW-1 through MW-5D was reported as having no concentrations above analytical laboratory method detection limits when analyzed by EPA Method 601. Groundwater analytical results summaries are included in Table 7, and complete analytical laboratory reports with Chain-of-Custody (COC) documentation are included in Appendix G.

2.) EPA Method 602 with MTBE and IPE

Laboratory analysis by EPA Method 602 including MTBE and IPE revealed detectable concentrations of BTEX and MTBE compounds in all wells with the exception of MW-4 and MW-5D (Toluene only). Benzene was detected at concentrations exceeding the NCAC 2L groundwater standard of 1 ug/L in MW-1 (1,300 ug/L), MW-2 (1,300 ug/L), and MW-3 (3,400 ug/L). Toluene was detected at concentrations exceeding the NCAC 2L standard of 1,000 ug/L in MW-1 (19,000) and MW-3 (6,500 ug/L). Ethylbenzene was detected at concentrations exceeding the NCAC 2L standard of 29 ug/L in MW-1 (2,200 ug/L), MW-2 (230 ug/L), and MW-3 (720 ug/L). Xylenes were detected at concentrations exceeding the NCAC 2L standard of 530 ug/L in MW-1 (11,400 ug/L), MW-2 (680 ug/L), and MW-3 (3,800 ug/L). MTBE was detected at concentrations exceeding the NCAC 2L standard of 200 ug/L in MW-2 (1,100 ug/L) and MW-3 (580 ug/L). IPE was not detected in any well when analyzed by EPA Method 602 modified. No other EPA Method 602 compounds were reported as exceeding the NCAC 2L groundwater standard. MW-5D did not reveal any EPA Method 602 analyzed compounds above the laboratory method detection limits with the exception of Toluene (1.8 ug/L).

Groundwater analytical results summaries are included in Table 7, and complete analytical laboratory reports with COC documentation are included in Appendix G. BTEX, MTBE, and EDB isoconcentration maps have been included as Figure 4 through Figure 9.

3.) EPA Method 625 with 10 largest tentatively identified compounds (MW-2 through MW-5D)

Analysis by EPA Method 625 with ten largest tentatively identified compounds (TICs) revealed detectable concentrations of 1-Methylnaphthalene in MW-2 (10 ug/L). There are no published groundwater standards for 1-Methylnaphthalene. Further, detectable concentrations of 2-Methylnaphthalene and Naphthalene were reported to be present in MW-2 and MW-3. 2-Methylnaphthalene was reported as having a concentration of 19 ug/L in MW-2 and 200 ug/L in MW-3 which exceeded the NCAC 2L standard of 28 ug/L (MW-3). Naphthalene was reported as having a concentration of 50 ug/L in MW-2 and 640 ug/L in MW-3, both of which exceed the NCAC 2L groundwater standard of 21 ug/L. Groundwater analytical results summaries are included in Table 7, and complete analytical laboratory reports with COC documentation are included in Appendix G.

4.) MADEP EPH and VPH (MW-2 through MW-5D)

Analysis by MADEP VPH and EPH revealed aliphatic hydrocarbon range C5-C8 concentrations as exceeding the NCAC 2L groundwater standard of 420 ug/L in MW-2 (2,200 ug/L), and MW-3 (11,000 ug/L). Further, concentrations of aliphatic petroleum hydrocarbon fraction range C9-C18 were reported at 2,200 ug/L in MW-3 on August 1, 2003. Concentrations of aromatic hydrocarbon fraction range C9-C22 were also revealed as exceeding the NCAC 2L groundwater standard (210 ug/L) in MW-2 (550 ug/L), and MW-3 (7,400 ug/L). Groundwater analytical results summaries are included in Table 7, and complete analytical laboratory reports with COC documentation are included in Appendix G.

5.) Lead by extraction 3030c

Analysis for lead by the 3030c extraction method revealed no detectable concentrations in monitoring well MW-1 through MW-5D when sampled on August 11, 2003. Groundwater analytical results summaries are included in Table 7, and complete analytical laboratory reports with COC documentation are included in Appendix G.

6.) EPA Method 504 (MW-2 through MW-5D)

EPA Method 504 analyses for EDB revealed one detectable concentration of 56 ug/L in MW-3. This concentration exceeded the NCAC 2L standard of 0.0004 ug/L and the published GCL of 50 ug/L. No other detectable concentrations of EDB were reported by the analytical laboratory in any site monitoring wells. Groundwater analytical results summaries are included in Table 7, and complete analytical laboratory reports with COC documentation are included in Appendix G.

LSA Phase II Conclusions

Due to groundwater quality results collected from MW-3 for EDB being reported as exceeding the published GCL of 50 ug/L, the site was assigned an Intermediate risk priority with a Residential land use classification.

NCDENR-RRO correspondence dated October 7, 2003 indicated that the LSA Phase I and II Report had been reviewed. The NCDENR requested in the correspondence that a Comprehensive Site Assessment (CSA) Soil and Groundwater Report be performed. However, further correspondence from the NCDENR dated October 27, 2003 indicated that Session Law 2003-352 had been passed and indicated that the performance of groundwater assessment or cleanup activities were no longer "directed work". Subsequent telephone correspondence with Mark Powers of the NCDENR-RRO indicated that due to the passing of Session Law 2003-352 a CSA Soil Only Report should be submitted.

2.0 RECEPTOR INFORMATION

A potential receptor survey was performed on August 29, 2003. A door to door search of all residences and business establishments within 1,500 feet of the site was performed in support of the receptor survey. In the event a property owner was unavailable on the date the receptor survey was performed, neighbors were questioned for knowledge about water well information and a flyer was left at the property directing the owner to contact EMS with information pertaining to water supply wells. A copy of the flyers used for the purposes of the receptor survey is included in Appendix E.

No potable or non-potable wells were identified within the search radius of the site as a result of the receptor survey. Information on adjacent property owners is summarized in Table 6. Adjacent property ownership, contact information, and zoning were researched through the City of Durham.

2.1 Water Supply Wells

No potable or non-potable water supply wells were located within the 1,500 foot search radius of the site during the receptor survey.

2.2 Public Water Supplies

The site vicinity is served by municipal water supplied by the City of Durham, North Carolina. Water mains were observed in the right-of-way for all streets involved in the receptor survey. All residences and businesses within the 1,500 foot receptor survey were identified as having water meters leading to their properties.

2.3 Surface Water

Surface water was not identified within 500 feet of the site. The nearest surface water body has been identified as a tributary of Sandy Creek and is located approximately 1,400 feet northwest of the site.

2.4 Wellhead protection Areas

Information on planned or approved wellhead protection areas (WHPAs) was researched throughout the North Carolina State's online database (www.deh.enr.state.nc.us/pws/wellhead/update/wellhead_protection_program.htm). There were no planned or approved WHPAs listed to be located within Durham County.

2.5 Subsurface Structures

Subsurface utilities at the site are shown on Figure 2 and include the following:

- Storm sewers
- Water/Sanitary Sewer lines

2.6 Land Use

The zoning of the site vicinity is a variety of commercial and residential categories including General Commercial (GC), Neighborhood Commercial (NC), R-3, R-5, and RM-20. The site itself is zoned GC-General Commercial which is established to provide for a variety of activities common to major roadways (<http://www.ci.durham.nc.us/departments/planning/zoneord/section4/4d3.html>). Durham County zoning descriptions are included in Appendix E, and a portion of the Durham County Zoning Parcel #0821 has been included as Figure 10.

2.7 Property Owners and Occupants

Adjacent property owners and occupants are tabulated in Table 6. Additional zoning information and adjacent property information is included in Appendix E and Figure 10. The site is located on property owned by M.M. Fowler, Inc. and is currently an automobile repair facility.

3.0 REGIONAL GEOLOGY AND HYDROGEOLOGY

3.1 Regional Geology

The site is located in the Durham Triassic Basin, a lithologic subdivision of the Piedmont Province. The lithology of the Durham Basin consists of consolidated reddish to brownish sand, siltstone, and conglomerate fluvial deposits of Triassic age. The geology is mapped as the Triassic Basin-Newark Supergroup-Chatham Group Undivided.

Diabase sills, dikes and stocks of early Jurassic age intrude these deposits in many locations. Dike exposures at ground level typically range from 1 to 25 km in length and are tens of meters in width (Burt, 1978). The lithology, which underlies the site, is mapped as red siltstone with interbedded sandstone. The sandstone is pinkish-gray to light olive gray, fine to medium grained, micaceous, feldspathic with biotite as a distinctive mineral (Hoffman and Gallager, 1989).

3.2 Regional Hydrogeology

The hydrogeologic system of the Piedmont consists of a variably thick soil layer that overlies a transition zone of weathered and fractured bedrock, and the underlying fractured crystalline bedrock. Groundwater stored within the saturated soil and transition zones is supplied to the underlying bedrock via fractures and other structural features. Fractures and structural features in the bedrock zone, topography, relict features of the bedrock profile in the overlying soil and weathered zones control groundwater movement. The groundwater system derives water from precipitation (Harned, 1988). Groundwater is discharged to surface water bodies and potable wells.

3.3 Regional Topography

The site is located at 35° 59' 48.63" North / 78° 55' 02.02" West on the USGS 7.5 minute series Durham Southwest, NC Quadrangle. The region is dominated by rolling topography with moderate gradients directed toward surface water drainage features. Site area elevations range from approximately 380 to 390 feet national geodetic vertical datum (ngvd) as depicted in Figure 1. Surface water runoff appears to flow to the west.

4.0 SITE GEOLOGY AND HYDROGEOLOGY

4.1 Site Geology

Site geology has been characterized through observations in the excavation of the UST Basin and the soil boring logs for monitoring wells MW-1 through MW-5D. Based upon the observations, the site geology consists of an upper unit of tan to brown fine grained sandy clay with areas of orange clay mottled with gray clay to a depth of approximately 10 feet BGS. Underlying the upper unit are reddish brown very fine grained sandy clays mottled with red clay to approximately 20 feet BGS. Tan and gray saturated sands and mud slurries were encountered from approximately 20 to 25 feet BGS. Orange/brown silty clays were encountered from 25 feet to the boring terminus of 60 feet BGS in MW-5D. Bedrock was not encountered or observed to a depth of 60 feet BGS in vertical delineation well MW-5D. Monitoring well boring logs and construction summaries (GW-1 Forms) are included in Appendix F. Table 9 is a monitoring well construction summary for all current site monitoring wells.

Geologic cross-section maps intersecting at approximately 90 degree angles through the adsorbed phase source area have been included as **Figures 11 and 12**. A transect location map showing identifying areas of the geologic cross-sections has been included as **Figure 13**.

4.2 Site Hydrogeology

Surface water appears to flow overland to the west based upon site surficial topography. Groundwater was observed to be entering the UST excavation during UST closure activities at a depth of approximately 10.5 feet BGS. Surface water was not identified within 500 feet of the site. The nearest surface water body has been identified as a tributary of Sandy Creek and is located approximately 1,400 feet northwest of the site.

Groundwater monitoring data collected during LSA Phase I and II activities is located in Table 8. Depth to water elevation data indicates that the shallow water table ranges from 5.81 feet BTOC (MW-2) to 7.40 feet BTOC in MW-1. Vertical delineation well, MW-5D, revealed groundwater at 23.99 feet BTOC. Water in the UST excavation at 3.5 feet BGS was clearly ponded based upon these observations.

A shallow groundwater gradient map constructed from depth to water measurements collected on August 11, 2003 is included as **Figure 14**. Review of Figure 14 shows the inferred local groundwater flow is to the northwest over a hydraulic gradient of 0.026 ft/ft from MW-4 to MW-1.

5.0 CSA SOIL ONLY SITE INVESTIGATION AND RESULTS

5.1 January 30, 2004 Soil Boring Advancement – GP-1 through GP-12

Based on the UST closure soil sample results in excess of the Residential MSCCs, additional soil delineation was required. The area requiring delineation centered on closure samples PL-1, D-1, and D-3. Further, as part of the CSA Soil Only soil quality investigation a second former dispenser island area was assessed immediately to the south of March 2003 closed dispenser island area. EMS contracted Ransier Environmental Drilling, Inc. of Pinhurst, NC to install twelve soil borings identified as GP-1 through GP-12 on January 30, 2004. GP-1 through GP-12 were all advanced to five feet BGS to ensure that only soils above the soil/groundwater interface and smear zone were collected. Groundwater in adjacent monitoring well MW-3 was gauged at 7.98 feet BTOC prior to advancement of the soil borings and had historically been gauged at levels as high as 6.41 feet BTOC.

Soil samples (GP-1 through GP-12) from 0 to 5 feet BGS were collected for analyses by EPA Methods 8260 and 8270 and MADEP EPH and VPH. Soil was collected in laboratory supplied/preserved sample containers and placed in an ice chilled cooler for transportation to the analytical laboratory.

5.2 January 30, 2004 Soil Quality Results

The following sections detail the results of the January 30, 2004 CSA Soil Only investigation.

EPA Method 8260

EPA Method 8260 analytical laboratory results indicated that concentrations of Naphthalene at 120 mg/Kg were detected in soil sample GP-3 (0-5') which exceeded the Residential MSCC of 63 mg/Kg. No other EPA Method 8260 targeted compounds were reported as exceeding the July 1, 2001 published Residential MSCCs in GP-1 through GP-12. The compounds p-Isopropyltoluene, Acetone, 2-Butanone, and Chlorobenzene were detected in multiple soil boring samples, however, these compounds do not have published Residential MSCCs and the reported concentrations were minor. EPA Method 8260 analytical results summaries have been included in Table 2 and complete laboratory analytical reports with Chain of Custody (COC) documentation has been included in **Appendix H**.

EPA Method 8270

EPA Method 8270 analytical results indicated a concentration of Benzo (a) pyrene at 0.68 mg/Kg in soil boring sample GP-1 which exceeded the applicable Residential MSCC of 0.088 mg/Kg. No other EPA Method 8270 targeted compounds were reported as exceeding the July 1, 2001 published Residential MSCCs in GP-1 through GP-12. Detection of the compound 1-Methylnaphthalene was detected in soil boring sample GP-3 at a concentration of 21 mg/Kg. However, 1-Methylnaphthalene does not have published Residential MSCCs. EPA Method 8270 analytical results summaries have been included in Table 3 and complete laboratory analytical reports with COC documentation has been included in Appendix H.

MADEP EPH and VPH

Soil analytical laboratory reports for MADEP EPH and VPH analyses indicated that no detectable concentrations were reported above the applicable July 1, 2001 published Residential MSSCs. MADEP EPH and VPH analytical results summaries have been included in Table 4. CSA analytical laboratory reports with chain of custody documentation have been included in Appendix H.

6.0 SOURCE AREA AND RISK CHARACTERIZATION

6.1 Impacted Soil Source

The source of soil adsorbed phase petroleum hydrocarbons at the site is directly related to the release of petroleum products from the former UST system removed in February 25, 2003. Areas evaluated as part of this CSA Soil Only consisted of the upper 5 feet of soils only, due to groundwater elevations recorded as high as 6.41 feet BTOC in MW-3 which was adjacent to the investigated area. By only assessing the upper five feet of soils, it was ensured that only soils above the soil/groundwater interface were being analyzed.

A former dispenser island area not existing at the time of UST closure was identified just south of the February/March 2003 closed dispenser island area during LSA Phase II monitoring well installation. This former dispenser island area was also assessed during CSA Soil Only investigation activities due to highly impacted soils observed in the soil boring cuttings for MW-3 during LSA Phase II activities. However, soil borings performed around this former dispenser island area (GP-5, GP-6, and GP-8 through GP-11) effectively delineated adsorbed phase petroleum hydrocarbons in all geographical directions.

It appears that the remaining impacted soil source is concentrated just south, east, and west of the February/March 2003 closed dispenser island as shown in analytical results collected from GP-1, GP-2, GP-3, and GP-4.

6.2 Exposure Routes/Risk Characteristics

Exposure routes are those pathways by which petroleum hydrocarbons may lead to environmental and health threats. These pathways include dermal exposure, inhalation, and ingestion. The potential for exposure to these pathways is not considered to be likely.

Dermal exposure from liquid and dissolved phase hydrocarbons would be from direct contact with the soil or groundwater. Dermal exposure is only likely to occur through intrusive activity such as construction or environmental activity conducted to evaluate the groundwater/soil conditions.

Inhalation from atmospheric volatilization is not a potential exposure pathway at the facility. Asphalt and concrete paving cap all petroleum-impacted soils at the facility. Therefore, inhalation exposure was not considered for this site.

Ingestion of groundwater by the residential population is considered to be an exposure pathway since all residences and businesses in immediate area are serviced by water supply wells.

7.0 DISCUSSION

During LSA Phase I and II potential receptor survey activities, performed on August 29, 2003, neither surface water within 500 feet of the source area, nor groundwater supply wells located within the 1,500 foot search radius were identified. However, a single compound, Ethylene Dibromide (EDB), was reported at a concentration of 56 ug/L in MW-3 (August 11, 2003) which exceeded the published Gross Contaminant Levels (GCLs) of 50 ug/L for EDB. Due to this, the NCDENR has assigned a site priority ranking of Intermediate. The NCDENR also assigned a land use classification as Residential. Based upon the Intermediate Risk and Residential Land Use classifications the applicable soil clean-up levels are the Residential MSCCs at this site, and the applicable groundwater cleanup levels are the GCLs.

Soil

Soil borings GP-1 through GP-12 have effectively reassessed and delineated former UST closure soil samples PL-3, D-1, and D-3, to the Residential MSCC at a depth of 5 feet BGS. Soils remaining with concentrations of adsorbed phase petroleum hydrocarbon concentrations above the applicable Residential MSCCs were observed in soil borings GP-1 (Benzo (a) pyrene) and GP-3 (Naphthalene). The source of the highest concentrations of petroleum hydrocarbon impacted soil appears to be located in the vicinity of soil boring sample GP-3.

Concentrations of targeted compounds, without applicable published Residential MSCCs, were also detected in soil boring samples GP-2, GP-3, GP-4, and GP-7 from 0 to 5 feet BGS and consisted of the following:

GP-2 (0 to 5 feet BGS) – p-Isopropyltoluene.

GP-3 (0 to 5 feet BGS) – p-Isopropyltoluene and 1-methylnaphthalene.

GP-4 (0 to 5 feet BGS) – p-Isopropyltoluene.

GP-7 (0 to 5 feet BGS) – p-Isopropyltoluene and Chlorobenzene.

It is recommended that soil cleanup be performed to remove the remaining impacted soils in these areas that may be contributing to ongoing groundwater impact and concentrations of EDB above GCLs in MW-3. Figure 15 illustrates the extent of Residential MSCC exceedances for Naphthalene, Benzo (a) pyrene, and p-Isopropyltoluene (single commonly detected compound in GP-2, GP-3, GP-4, and GP-7), and the areas where soil remediation may be necessary to a depth of approximately 5 feet BGS. Vertical delineation of soils was not achieved to a depth of 5 feet BGS. However, due to local groundwater elevations it is not feasible to characterize soils any deeper than 5 feet BGS without approaching and/or breaching the soil/groundwater interface.

Groundwater

Due to the amendments passed in Session Law 2003-352 (House Bill 897) that took effect on November 30, 2003, the site's Intermediate risk classification, and lack of measurable PSH in site monitoring wells, no groundwater assessment activities are currently required at the site.

8.0 CONCLUSIONS AND RECOMMENDATIONS

It appears that soils impacted with petroleum hydrocarbons are present in the vadose zone from 0 to 5 feet BGS in the vicinity of soil samples GP-1 and GP-3. Other compounds for which published Residential MSCC standards do not exist, also remain in the vicinity of soil samples GP-2, GP-4, and GP-7. It is recommended that further soil work be performed to remove soils remaining above the applicable Residential MSCCs that may be contributing to ongoing groundwater impact.

Removal of soils remaining above the applicable Residential MSCCs (0 to 5 feet BGS) in the vicinity of the site's former dispenser island areas, may reduce the dissolved phase concentrations of EDB in monitoring well MW-3 to below the applicable GCL. Based on the possible reduction of dissolved phase petroleum hydrocarbon concentrations in MW-3, due to soil remediation, it may be possible to re-classify the site's Intermediate risk assignment to Low.

At this time, due to the passing of Session Law 2003-352, EMS Environmental, Inc. recommends that M.M. Fowler, Inc. perform a Corrective Action Plan to address soil remedial alternatives in a timely manner.

TABLES

Table 1. UST and AST Site Inventory Summary
M.M. Fowler, Inc.: West Chapel Hill Street BP Service Station
1118 West Chapel Hill Street
EMS Project No. 7358

UST ID	Date UST Installed	Removal Date	Release Discovery	Tank Composition	Size (gal)	UST Contents
UST-1	25-Mar-65	03-Mar-03	YES	steel/internal lined	5,000	Gasoline
UST-2	25-Mar-65	03-Mar-03	YES	steel/internal lined	5,000	Gasoline
UST-3	25-Mar-65	03-Mar-03	YES	steel/internal lined	5,000	Gasoline
UST-4	25-Mar-65	09-Dec-88	NO	Steel	550	Used oil mixture
Kerosene AST	unknown	06-Mar-03	NO	Steel	2,000	Kerosene
UMO AST	unknown	not removed	NO	Steel	550	Used Motor oil
HO AST	unknown	not removed	NO	Steel	550	Heating oil

Table 2. EPA Method 8260 Soil Analytical Results Summary -
M.M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project No. 7358

I. EPA 8260 Analytical Results -

	Max Contaminant Soil Concentration Residential (mg/Kg)	Max Contaminant Soil Concentration Soil to Groundwater (mg/Kg)	ALL UNITS IN mg/Kg											
			SW-North 10.5 feet 3/4/03	SW-South 10.5 feet 3/4/03	SW-East 9.5 feet 3/4/03	SW-West 10.5 feet 3/4/03	OE-UST-2 15 feet 3/5/03	OE-UST-3 15 feet 3/5/03	PL-1 4 feet 3/5/03	PL-2 4 feet 3/4/03	PL-3 4 feet 3/4/03	D-1 3.5 feet 3/5/03	D-3 3.5 feet 3/5/03	MW-1 5-10' 6/2/03
EPA 8260														
Selected Compounds														
Benzene	22	0.0056	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38
Toluene	3200	7	ND	18	24	ND	ND	ND	ND	0.0049	0.0056	ND	0.69	0.083
Ethylbenzene	1560	0.24	ND	21	40	ND	0.0027	ND	0.0028	0.012	0.015	0.57	3.7	0.052
Xylenes (mixed)	32000	5	ND	135	265	ND	0.013	ND	0.0111	0.06	0.074	0.92	20.3	0.129
Methyl-tert-Butyl ether	156	0.92	0.001	ND	ND	0.13	0.16	0.052	0.039	ND	ND	ND	ND	0.35
Naphthalene	63	0.58	0.0017	14	35	ND	0.0063	0.0018	0.0032	0.0065	0.026	1.2	9.2	0.096
1,2,4-trimethylbenzene	782	8	0.001	75	230	0.19	0.01	0.002	0.0082	0.058	0.093	0.7	40	0.072
1,3,5-trimethylbenzene	782	7	ND	22	68	ND	0.0022	ND	0.0019	0.014	0.026	0.22	10	0.0089
1,2,3-trichlorobenzene	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	156	2	ND	12	34	ND	ND	ND	ND	0.0086	0.012	0.54	5	0.0083
s-butylbenzene	156	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-isopropyltoluene	no standard	no standard	ND	3.2	8.2	ND	ND	ND	ND	ND	0.0033	ND	1.7	ND
n-butylbenzene	156	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1564	2	ND	2.8	7.1	ND	ND	ND	ND	0.0019	0.0033	ND	1.2	0.003
1,2-Dichloroethane	7	0.0018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1564	3	ND	ND	ND	ND	0.04	ND	ND	ND	ND	ND	ND	0.17
Methylene Chloride	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	no standard	no standard	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND
2-Butanone	9385	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063

EPA 8260 Notes:

- 1.) ND denotes not detected at method detection limit stated on analytical report.
- 2.) Bold font on sample result indicates exceedence of Residential MSCCs.

I. EPA 8260 Analytical Results -

EPA 8260 Selected Compounds	Max Contaminant Soil Concentration	Max Contaminant Soil Concentration	ALL UNITS IN mg/Kg											
	Residential	Soil to Groundwater	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12
	(mg/Kg)	(mg/Kg)	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'
			1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04
Benzene	22	0.0056	0.0091	0.032	ND	ND	0.015	ND	0.62	0.054	0.032	0.036	0.035	ND
Toluene	3200	7	0.089	0.17	180	0.99	0.12	0.17	12	0.18	0.12	0.12	0.11	0.16
Ethylbenzene	1560	0.24	0.033	0.059	120	2	0.041	ND	12	0.054	0.038	0.04	0.034	ND
Xylenes (mixed)	32000	5	0.143	0.294	630	10	0.199	0.31	57	0.243	0.18	0.179	0.168	0.34
Methyl-tert-Butyl ether	156	0.92	ND	0.088	ND	0.099	0.074	ND	ND	0.055	0.0072	0.006	0.0019	0.55
Naphthalene	63	0.58	0.013	0.12	120	2.6	0.06	0.21	14	0.049	0.029	0.032	0.03	ND
1,2,4-trimethylbenzene	782	8	0.049	0.1	370	8.8	0.054	0.2	31	0.067	0.048	0.043	0.048	0.18
1,3,5-trimethylbenzene	782	7	0.014	0.026	91	2	0.015	ND	9.8	0.019	0.009	0.0081	0.011	ND
1,2,3-trichlorobenzene	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-propylbenzene	156	2	0.013	ND	92	1.6	0.012	ND	9.4	0.014	0.0092	0.0095	0.0092	ND
s-butylbenzene	156	3	0.0022	0.0027	17	0.29	ND	ND	1.6	0.0017	ND	ND	ND	ND
p-isopropyltoluene	no standard	no standard	ND	0.0015	8.6	0.18	ND	ND	0.86	ND	ND	ND	ND	ND
n-butylbenzene	156	4	0.0047	0.011	44	0.9	0.002	ND	5	0.0026	ND	ND	ND	ND
Isopropylbenzene	1564	2	0.0045	0.007	27	0.54	0.004	ND	2.6	0.0054	0.0035	0.004	0.0032	ND
1,2-Dichloroethane	7	0.0018	ND	0.022	ND	ND	ND	ND	ND	ND	0.0039	0.0023	0.0082	ND
Acetone	1564	3	ND	0.022	ND	ND	0.022	ND	ND	0.099	ND	0.028	0.042	ND
Methylene Chloride	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	9385	0.7	ND	ND	ND	ND	ND	ND	ND	0.022	ND	ND	0.021	ND
Dibromochloromethane	7	0.002	ND	ND	ND	ND	ND	ND	0.12	ND	ND	ND	ND	ND
Chlorobenzene	no standard	no standard	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND	ND

EPA 8260 Notes:

- 1.) ND denotes not detected at method detection limit stated on analytical report.
- 2.) Bold font on sample result indicates exceedence of Residential MSCCs.

Table 3. EPA Method 8270 Soil Analytical Results Summary -
M.M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project No. 7358

I. EPA 8270 Analytical Results -

	Max Contaminant Soil Concentration	Max Contaminant Soil Concentration	ALL UNITS IN mg/Kg											
	Residential (mg/Kg)	Soil to Groundwater (mg/Kg)	SW-North 10.5 feet	SW-South 10.5 feet	SW-East 9.5 feet	SW-West 10.5 feet	OE-UST-2 15 feet	OE-UST-3 15 feet	PL-1 4 feet	PL-2 4 feet	PL-3 4 feet	D-1 3.5 feet	D-3 3.5 feet	MW-1 5-10'
EPA 8270			3/4/03	3/4/03	3/4/03	3/4/03	3/5/03	3/5/03	3/5/03	3/4/03	3/4/03	3/5/03	3/5/03	6/2/03
Selected Compounds														
2-Methylnaphthalene	63	3	ND	11	18	ND	ND	ND	ND	ND	ND	ND	9.7	8.9
1-Methylnaphthalene	no standard	no standard	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.5	4.8
Naphthalene	63	0.58	ND	6.8	9.6	ND	ND	ND	ND	ND	ND	ND	ND	3.8
Anthracene	4600	995	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	0.92	ND
Benzo (a) anthracene	0.88	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	1.3	ND
Benzo (b) fluoranthene	0.88	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	1	ND
Benzo (g,h,i) perylene	469	6720	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.1	ND	ND
Benzo (a) pyrene	0.088	0.091	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.7	0.95	ND
Chrysene	88	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	1.1	ND
Fluoranthene	620	276	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	3.1	ND
Fluorene	620	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.87	ND
Indeno (1,2,3-cd) pyrene	0.88	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.9	ND	ND
Phenanthrene	469	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	3.8	ND
Pyrene	469	286	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	2	ND
Bis (2-ethylhexyl) phthalate	46	6.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.9

EPA 8270 Notes:

- 1.) ND denotes not detected at method detection limit stated on analytical report.
- 2.) Bold font on sample result indicates exceedence of Residential MSCCs.

I. EPA 8270 Analytical Results -

	Max Contaminant	Max Contaminant	ALL UNITS IN mg/Kg											
	Soil Concentration	Soil Concentration												
	Residential	Soil to Groundwater	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12
	(mg/Kg)	(mg/Kg)	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'	0-5'
EPA 8270			1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04	1/30/04
Selected Compounds														
2-Methylnaphthalene	63	3	ND	ND	38	ND	ND	ND	0.41	ND	ND	ND	ND	0.5
1-Methylnaphthalene	no standard	no standard	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	63	0.58	ND	ND	40	ND	ND	ND	0.79	ND	ND	ND	ND	ND
Anthracene	4600	995	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (a) anthracene	0.88	0.34	0.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (b) fluoranthene	0.88	1	0.8	ND	ND	ND	ND	ND	0.49	ND	ND	ND	ND	ND
Benzo (k) fluoranthene	9	12	0.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	469	6720	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (a) pyrene	0.088	0.091	0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	38	0.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	620	276	0.96	ND	ND	ND	ND	ND	ND	0.58	ND	ND	ND	ND
Fluorene	620	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.88	3	0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	469	60	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND	ND
Pyrene	469	286	0.9	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND	ND
Bis (2-ethylhexyl) phthalate	46	6.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

EPA 8270 Notes:

- 1.) ND denotes not detected at method detection limit stated on analytical report.
- 2.) Bold font on sample result indicates exceedence of Residential MSCCs.

Table 4. MADEP VPH and EPH Soil Analytical Results Summary
M.M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project No. 7358

I. MADEP VPH and EPH - UST Closure Activities

Sum of Analytical Hydrocarbon Fractions		Max Soil Conc. Residential (mg/Kg)	Max Soil Conc. Soil to GW (mg/Kg)	SW-North 10.5 feet	SW-South 10.5 feet	Sample Results in mg/Kg		OE-UST-2 15 feet	OE-UST-3 15 feet
				3/4/03	3/4/03	3/4/03	3/4/03	3/5/03	3/5/03
AROMATICS									
Petroleum C9-C22	C9-C10 Arom. (VPH) + C11-C22 Arom. (EPH)	469	34	ND	537	2,300	4.8	ND	132.4
ALIPHATICS									
Petroleum C5-C8	C5-C8 AIL (VPH)	939	72	ND	250	940	ND	ND	ND
Petroleum C9-C18	C9-C12 AIL (VPH) + C9-C18 AIL (EPH)	9,386	3255	ND	110	590	ND	ND	180
Petroleum C19-C36	C19-C36 AIL (EPH)	93,860	Immobile	ND	ND	ND	ND	ND	71

Sum of Analytical Hydrocarbon Fractions		Max Soil Conc. Residential (mg/Kg)	Max Soil Conc. Soil to GW (mg/Kg)	Sample Results in mg/Kg					EPH Only
				PL-1 4 feet	PL-2 4 feet	PL-3 4 feet	D-1 3.5 feet	D-3 3.5 feet	MW-1 5-10'
				3/5/03	3/4/03	3/4/03	3/5/03	3/5/03	6/2/03
Petroleum C9-C22	C9-C10 Arom. (VPH) + C11-C22 Arom. (EPH)	469	34	3.9	6.9	ND	47.8	490	ND
ALIPHATICS									
Petroleum C5-C8	C5-C8 AIL (VPH)	939	72	ND	5.1	ND	7.2	32	NS
Petroleum C9-C18	C9-C12 AIL (VPH) + C9-C18 AIL (EPH)	9,386	3255	ND	2.8	ND	ND	130	ND
Petroleum C19-C36	C19-C36 AIL (EPH)	93,860	Immobile	ND	ND	ND	59	ND	ND

NOTES:

- 1.) NS = no sample collected for that parameter
- 2.) "ND" = not detected at method detection limit stated on analytical report.
- 3.) Bold font on sample result indicates exceedence of Residential MSCCs.

Table 4. MADEP VPH and EPH Soil Analytical Results Summary
M.M. Fowler, Inc.: West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project No. 7358

I. MADEP VPH and EPH - CSA Soil Only Investigation

Sum of Analytical Hydrocarbon Fractions		Max Soil Conc. Residential (mg/Kg)	Max Soil Conc. Soil to GW (mg/Kg)	Sample Results in mg/Kg					
				GP-1 0 to 5 feet 1/31/04	GP-2 0 to 5 feet 1/31/04	GP-3 0 to 5 feet 1/31/04	GP-4 0 to 5 feet 1/31/04	GP-5 0 to 5 feet 1/31/04	GP-6 0 to 5 feet 1/31/04
AROMATICS									
Petroleum C9-C22	C9-C10 Arom. (VPH) + C11-C22 Arom. (EPH)	469	34	ND	ND	248	ND	ND	ND
ALIPHATICS									
Petroleum C5-C8	C5-C8 All. (VPH)	939	72	ND	ND	ND	ND	ND	ND
Petroleum C9-C18	C9-C12 All. (VPH) + C9-C18 All. (EPH)	9,385	3255	ND	ND	34	ND	ND	ND
Petroleum C19-C36	C19-C36 All. (EPH)	93,860	Immobile	ND	ND	ND	ND	ND	ND

Sum of Analytical Hydrocarbon Fractions		Max Soil Conc. Residential (mg/Kg)	Max Soil Conc. Soil to GW (mg/Kg)	Sample Results in mg/Kg					
				GP-7 0 to 5 feet 1/31/04	GP-8 0 to 5 feet 1/31/04	GP-9 0 to 5 feet 1/31/04	GP-10 0 to 5 feet 1/31/04	GP-11 0 to 5 feet 1/31/04	GP-12 0 to 5 feet 1/31/04
AROMATICS									
Petroleum C9-C22	C9-C10 Arom. (VPH) + C11-C22 Arom. (EPH)	469	34	55	ND	ND	ND	ND	ND
ALIPHATICS									
Petroleum C5-C8	C5-C8 All. (VPH)	939	72	7.8	ND	ND	ND	ND	ND
Petroleum C9-C18	C9-C12 All. (VPH) + C9-C18 All. (EPH)	9,386	3255	83.1	ND	ND	ND	ND	ND
Petroleum C19-C36	C19-C36 All. (EPH)	93,860	Immobile	ND	35	ND	ND	ND	ND

NOTES:

- 1.) NS = no sample collected for that parameter
- 2.) "ND" = not detected at method detection limit stated on analytical report.
- 3.) Bold font on sample result indicates exceedence of Residential MSCCs.

Table 5. EPA 5030 and 3550 Soil Analytical Results Summary
M.M. Fowler, Inc., West Chapel Hill Street BP
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project No. 7358

Sample ID	Sample Depth	Sample Type	Sample Date	Photoionization detector readings Conc. in ppm	GRO EPA 5030 Conc. in mg/Kg	DRO EPA 3550 Conc. in mg/Kg
Disposal Overburden	N/A - Comp.	Disposal - UST Closure	2/25/03	-	250	560
MW-1 0-5'	0-5 ft.	MW-1 Soil Boring	6/2/03	14.8	ND	24
MW-1 5-10'	5-10 ft.	MW-1 Soil Boring	6/2/03	117	NS	NS
MW-1 10-15'	10-15 ft.	MW-1 Soil Boring	6/2/03	8.2	ND	6.1
MW-1 15-20'	15-20 ft.	MW-1 Soil Boring	6/2/03	22.7	ND	6.3
Disposal	N/A - Comp.	LSA Drum Disposal	8/5/03	-	3,000	580
NCDENR Action Level					10	40

Notes:

- 1.) ND means not detected at the detection limit stated on the analytical report.
- 2.) Bold font indicates an exceedance of the NCDENR published Action Limits.
- 3.) Comp. denotes composite sample.

**Table 6. Summary of Tax Record Information for Adjacent Properties
West Chapel Hill Street BP, M.M. Fowler, Inc.
EMS Project No.: 7358**

	Tax Plat Number	Property Address	Owner of Record and Mailing Address	Direction from site
	0821-06-47-5709	1118 W. Chapel Hill Street Durham, NC 27701	M.M. Fowler, Inc. 4220 Neal Road Durham, NC 27705	Site
1	0821-06-47-4640	1121 W. Chapel Hill Street Durham, NC 27701	Rahmaan, Archie P.O. Box 1771 Durham, NC 27702-1771	Southwest
2	0821-06-47-4691	1119 W. Chapel Hill Street Durham, NC 27701	Rahmaan, Archie P.O. Box 1771 Durham, NC 27702-1771	South
3	0821-06-47-5556	1117 W. Chapel Hill Street Durham, NC 27701	Burnett, Brantley P.O. Box 1359 Roxboro, NC 27573	South / Southeast
4	0821-06-47-6865	1110 W. Chapel Hill Street Durham, NC 27701	Yosef-Saif University Market, LLC. 3811 Cottenwood Drive Durham, NC 27705	East / Northeast
5	0821-06-47-5952	825 Exum Street Durham, NC 27701	Durham Communtiy Land Trustees, Inc. 1208 W. Chapel Hill Street Durham, NC 27701	North
6	0821-06-47-4972	827 Exum Street Durham, NC 27701	West End Limited Partnership 1105 W. Chapel Hill Street Durham, NC 27701	North
7	0821-06-47-3840	1200 West Chapel Hill Street Durham, NC 27701	Apt. B 1721 Rosetta Drive Durham, NC 27701	West

Table 7. Groundwater Analytical Results Summary - LSA Phase I and II
West Chapel Hill Gas BP
1118 West Chapel Hill Street, Durham, Durham County, North Carolina
NCDENR Incident No. Pending
EMS Project No. 7358

A. MADEP EPH and VPH

		NCAC 2L		Ten x NCAC 2L		LSA Phase I		LSA Phase II			
Analytical		Interim Standard		Interim Standard		MW-1	MW-1	MW-2	MW-3	MW-4	MW-SD
Hydrocarbon Fractions		(ug/L)		(ug/L)		6/20/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03
ALIPHATICS					GCL	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Petroleum C5-C8	C5-C8 All (VPH)	420		4,200	NS	12,000	NM	2,200	11,000	ND	ND
Petroleum C9-C18	C9-C12 Aliph. (VPH) + C9-C18 Aliph. (EPH)	4,200		42,000	NS	6,200	NM	ND	2,200	ND	ND
Petroleum C19-C36	C19-C36 All (EPH)	42,000		420,000	NS	ND	NM	ND	ND	ND	ND
AROMATICS											
C9-C22	C9-C10 Arom. (VPH) + C11-C22 Arom. (EPH)	210		2,100	NS	10,600	NM	550	7,400	ND	ND

B. EPA 601 and 602 Modified

	NCAC 15A 2L	Ten x NCAC 15A 2L		MW-1	MW-1	MW-2	MW-3	MW-4	MW-5D
	Standard	Standard	GCL	6/20/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03
Detected Compounds	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1.) EPA 602 Compounds									
Benzene	1	10	5,000	1,200	1,300	1,300	3,400	ND	ND
Toulene	1,000	10,000	257,500	12,000	19,000	1,000	6,500	ND	1.8
Ethylbenzene	29	290	29,000	2,200	2,200	230	720	ND	ND
Xylenes (total)	530	5,300	87,500	13,200	11,400	680	3,800	ND	ND
Methyl-Tertiary-Butyl-Ether	200	2,000	200,000	170	190	1,100	580	ND	ND
Isopropyl Ether	70	700	70,000	ND	ND	ND	ND	ND	ND
	NCAC 15A 2L	Ten x NCAC 15A 2L		MW-1	MW-1	MW-2	MW-3	MW-4	MW-5D
	Standard	Standard	GCL	6/20/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03
Detected Compounds	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
2.) EPA 601 Compounds and EPA 504 (EDB)									
1,2-Dibromoethane (EDB)	0.0004	0.004	50	ND	ND	ND	56	ND	ND
1,2-Dichloroethane (ethylene dichloride)	0.38	3.8	380	ND	ND	ND	ND	ND	ND
Chloroform	0.00019	0.0019	190	ND	ND	ND	ND	ND	ND

NO OTHER COMPOUNDS DETECTED BY EPA 601 ANALYSIS

		Ten Times		MW-1		MW-2		MW-3		MW-4		MW-SD	
Detected Compounds		Interim Standard		6/20/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03
		(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
C. EPA 625													
Bis (2-chloroisopropyl) ether		NS	NS	NS	NM	NM	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene		NS	NS	NS	NM	NM	10	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		28	280	12,500	NM	NM	19	200	ND	ND	ND	ND	ND
Naphthalene		21	210	15,500	NM	NM	50	640	ND	ND	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)		3	30	3,000	NM	NM	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate		NS	NS	NS	NM	NM	ND	ND	ND	ND	ND	ND	ND

NO OTHER COMPOUNDS DETECTED BY EPA 625 ANALYSIS

		Ten Times		MW-1		MW-2		MW-3		MW-4		MW-SD	
Detected Compounds		NCAC 15A 2L		6/20/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03
		Standard		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
D. EPA 3030C (Lead) Analysis													
Lead		15	150	15,000	29	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

- 1.) "ND" = not detected at method detection limit stated on analytical report.
- 2.) Bold font on sample result indicates exceedence of Gross Contamination Level (GCL) Standards.
- 3.) "NS" = No Standard Published
- 4.) EPA Method 625 not sampled on 6/20/03 due to Insufficient well volume.

Table 8 : GROUNDWATER MONITORING DATA

**M.M. Fowler, Inc.: West Chapel Hill Street BP Service Station
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project No. 7358**

	MW-1 Water Depth	MW-1 PSH Depth	MW-2 Water Depth	MW-3 Water Depth	MW-4 Water Depth	MW-5D Water Depth
Date						
6/20/03	7.14	-	-	-	-	-
8/11/03	7.40	-	5.81	6.41	6.97	23.99
1/30/04	-	-	-	7.98	-	-
TOC ELEV	MW-1 377.18	MW-1 377.18	MW-2 376.62	MW-3 378.06	MW-4 379.23	MW-5D 376.94
	Water Elev	PSH Elev	Water Elev	Water Elev	Water Elev	Water Elev
Date						
6/20/03	370.04	ND	-	-	-	-
8/11/03	369.78	ND	370.81	371.65	372.26	352.95
1/30/04	-	-	-	370.08	-	-

Notes: 1.) TOC elevations based from northwest corner of building with an assigned base elevation of 380.00 feet ngvd (Figure 1).

2.) ND denotes not detected.

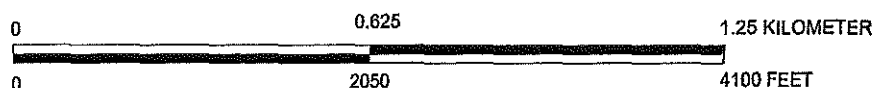
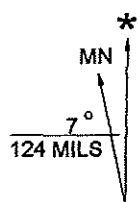
3.) " - " indicates that well was not installed and/or no data was collected for that date.

TABLE 9. MONITOR WELL CONSTRUCTION SUMMARY
M. M. Fowler, Inc.: West Chapel Hill Street BP Service Station
1118 West Chapel Hill Street, Durham, North Carolina
EMS Project #7358

Well I.D. No.	Well Completion Date	Well Diameter (inches)	Total Well Depth (ft.)	TOC Elevation (feet)	Screen Interval (B-TOC')
MW-1	6/2/03	2"	25.00	377.18	15' - 25'
MW-2	8/4/03	2"	25.00	376.62	5' - 25'
MW-3	8/4/03	2"	25.00	378.06	5' - 25'
MW-4	8/4/03	2"	25.00	379.23	5' - 25'
MW-5D	8/4-5/03	6" outer to 40'	60.00	376.94	55' - 60'

NOTES: 1.) "B-TOC'" denotes feet below top of casing.

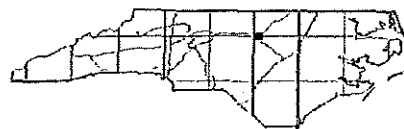
FIGURES



1:24,000 SCALE
CONTOUR INTERVAL 10 FEET



500, 1,000, AND 1,500 FOOT RADII USED DURING RECEPTOR SURVEY.

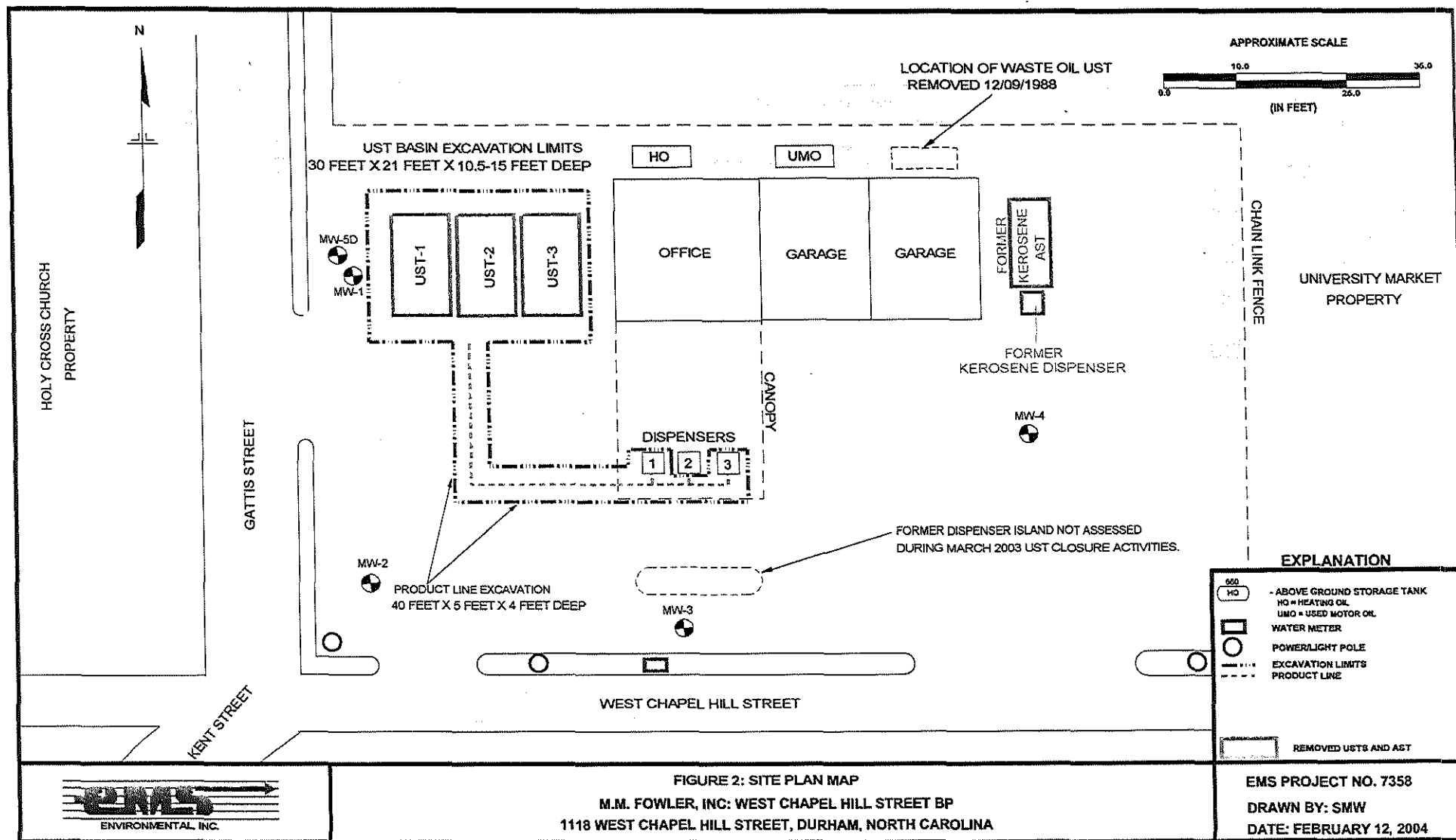


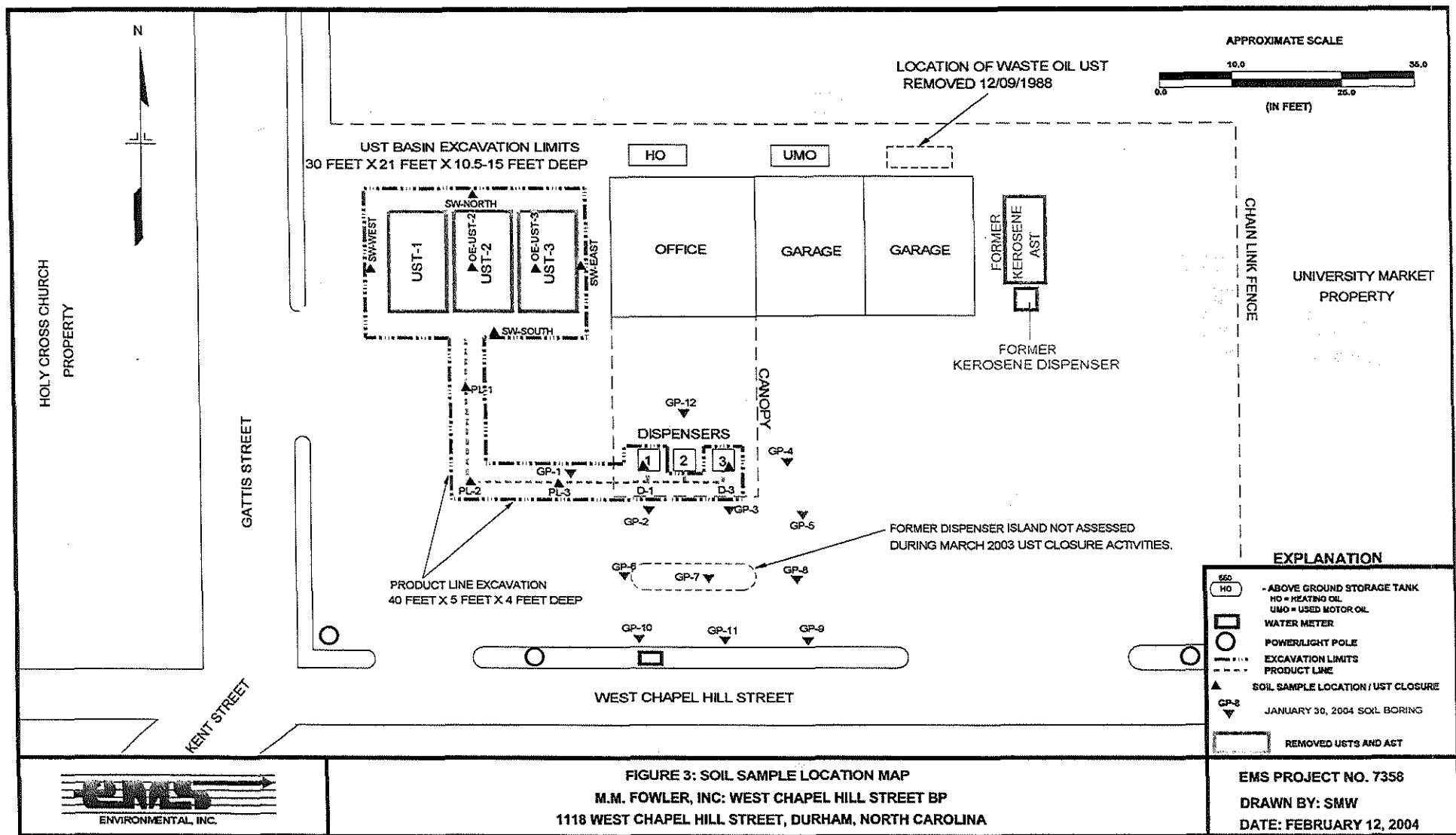
PORTION OF THE SOUTHWEST DURHAM, NC USGS 7.5 MINUTE QUADRANGLE MAP

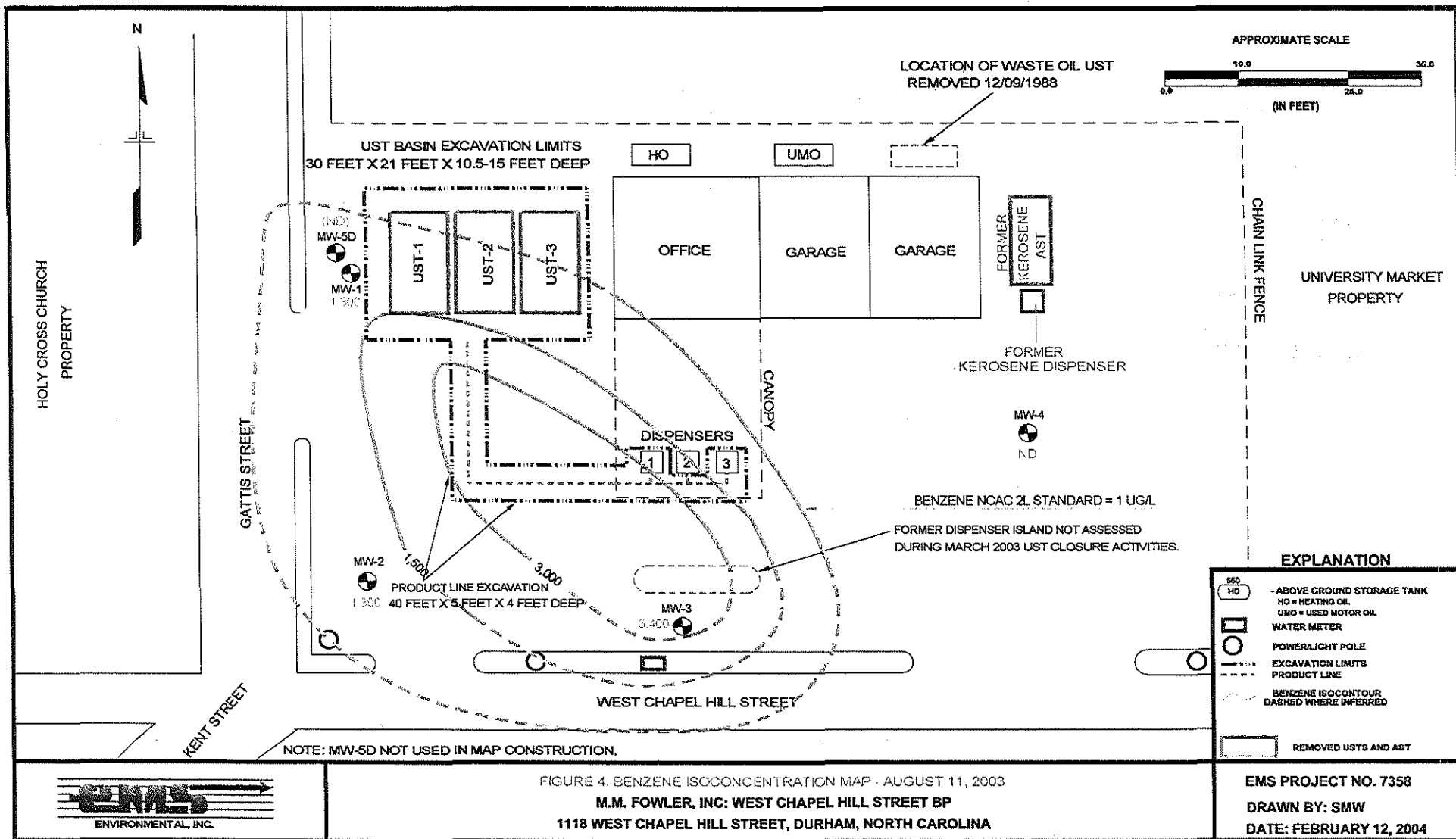


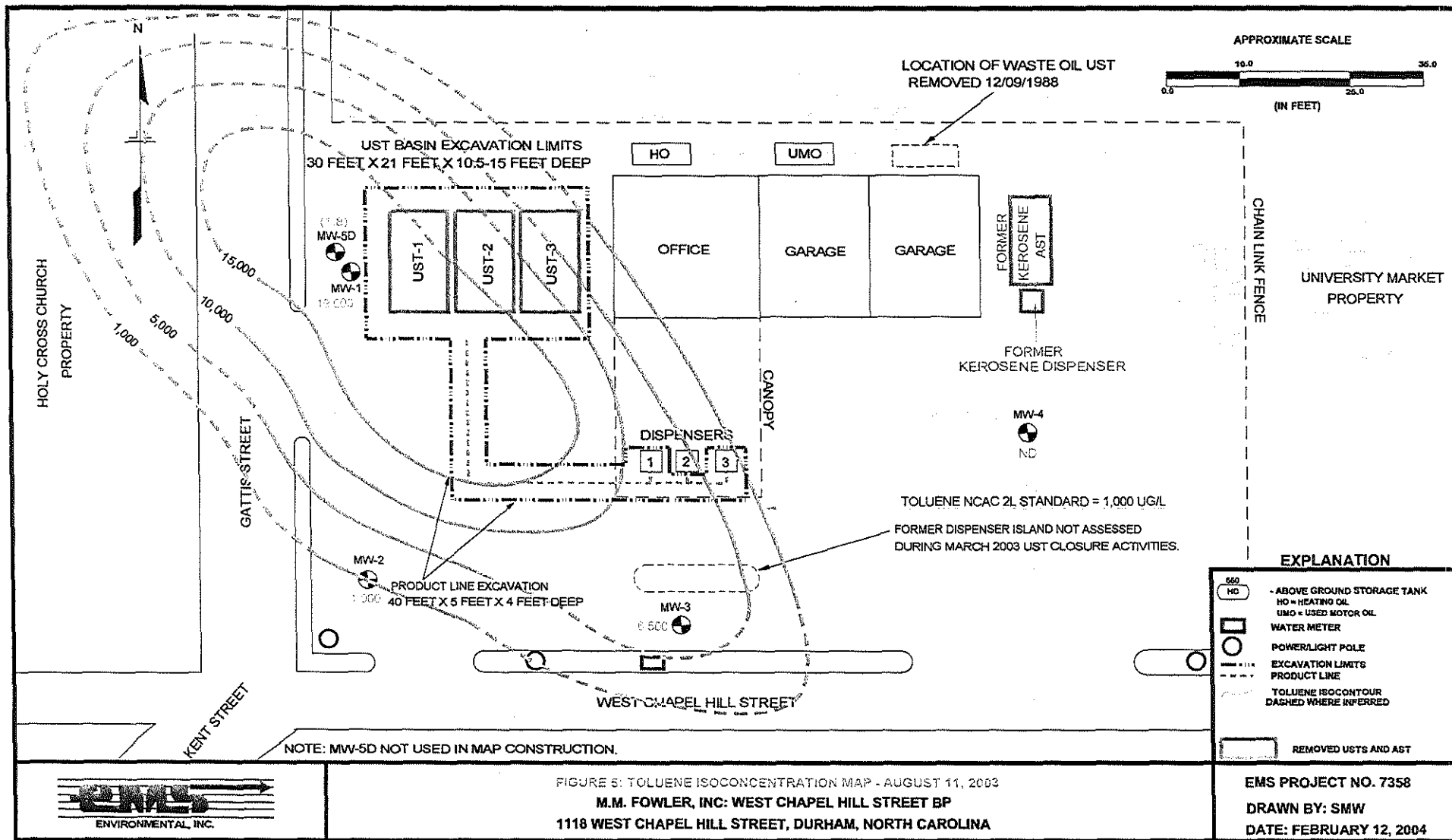
FIGURE 1:
SITE AND VICINITY TOPO MAP
1118 W. CHAPEL HILL STREET
DURHAM, NORTH CAROLINA

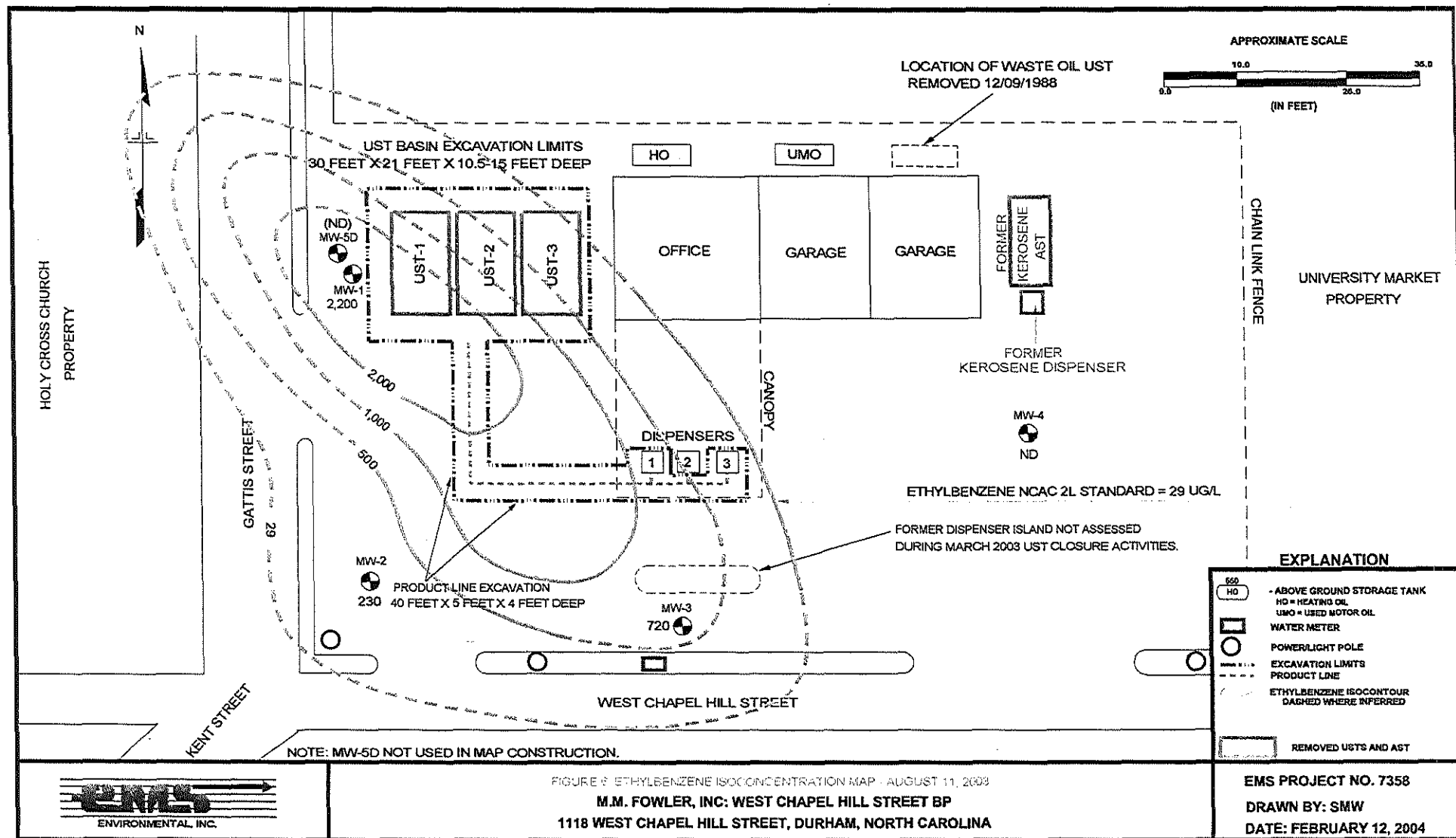
MODIFIED BY: SMW
DATE: 9-15-03
EMS PROJECT # 7358

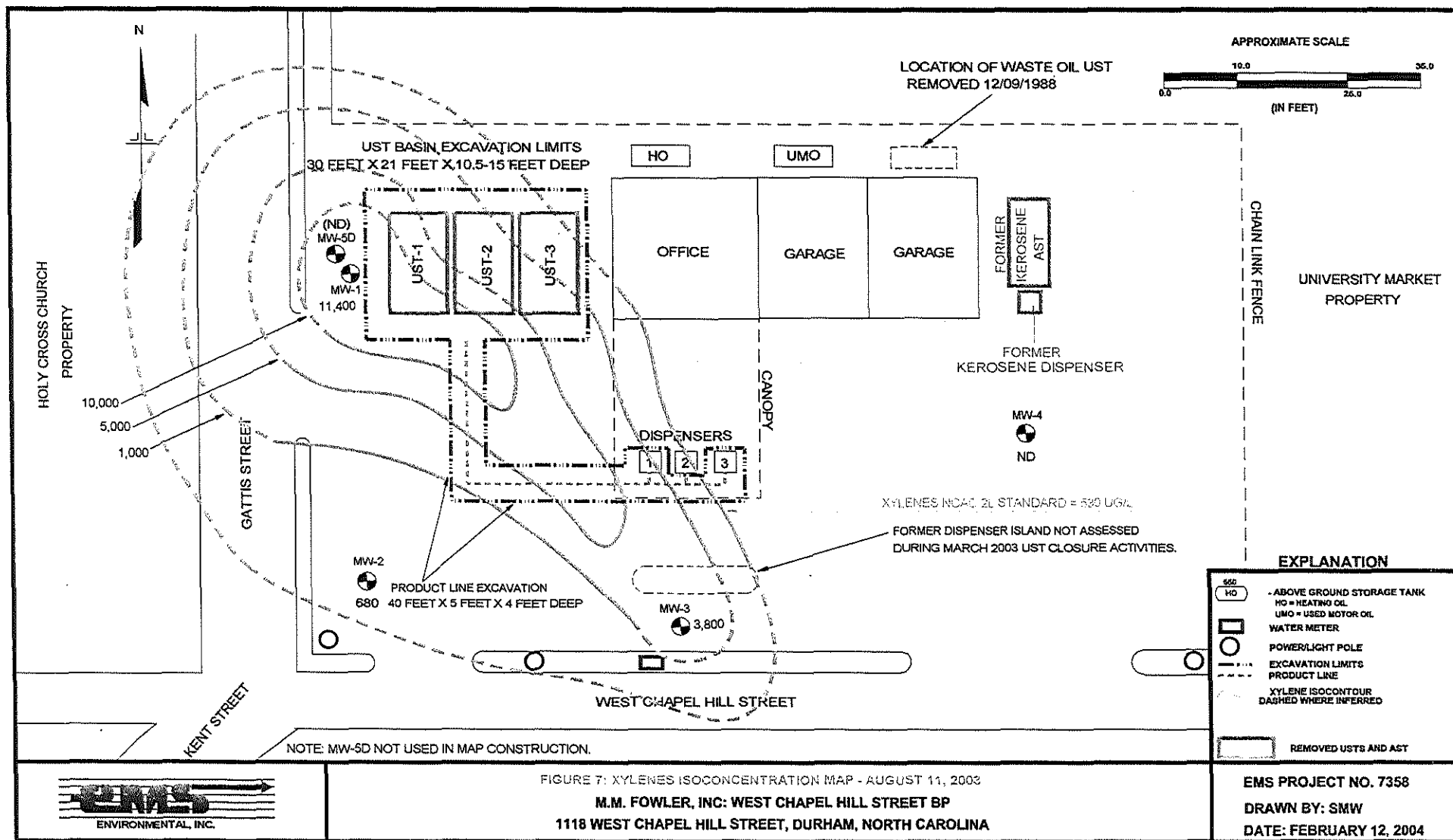


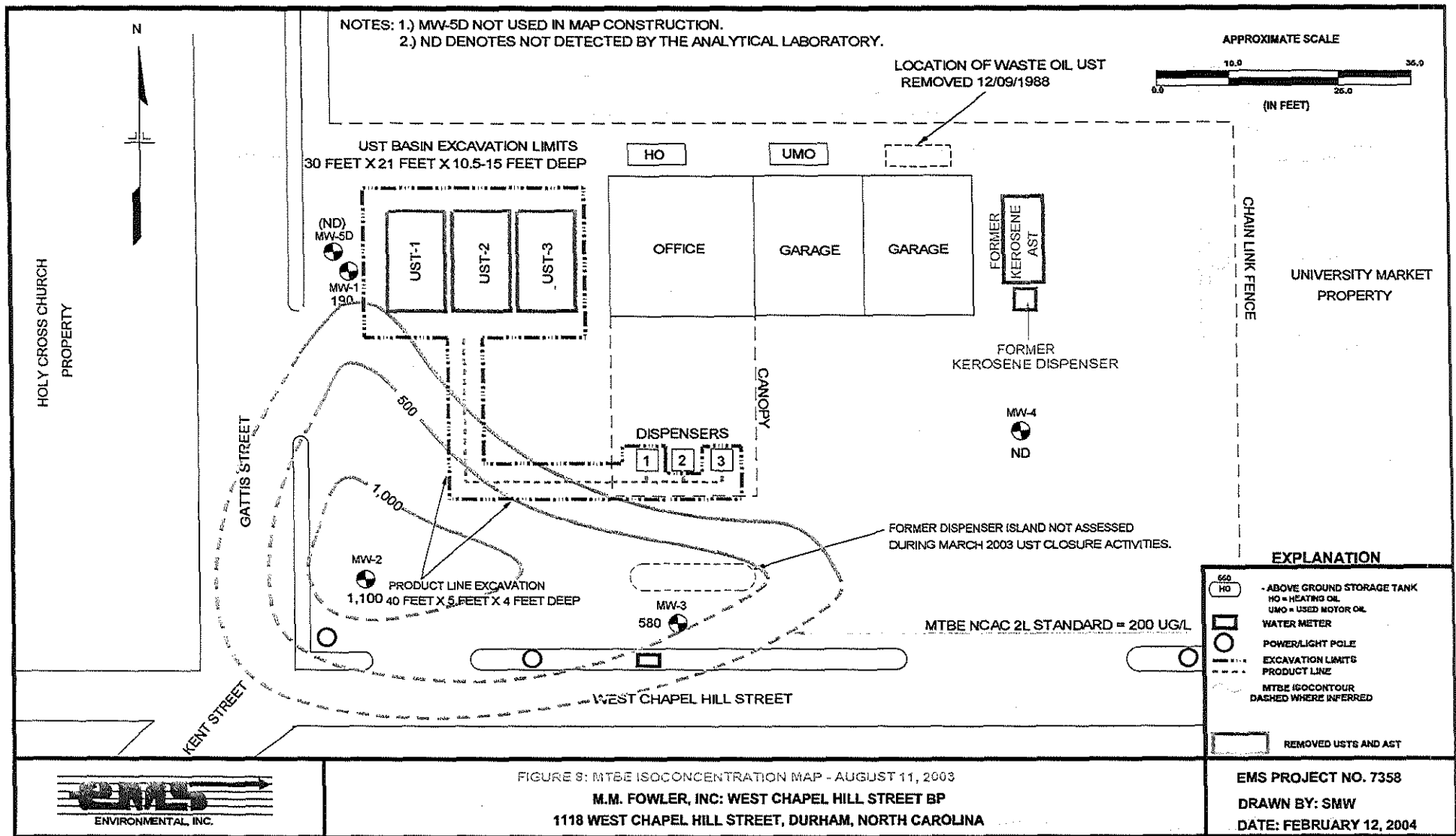


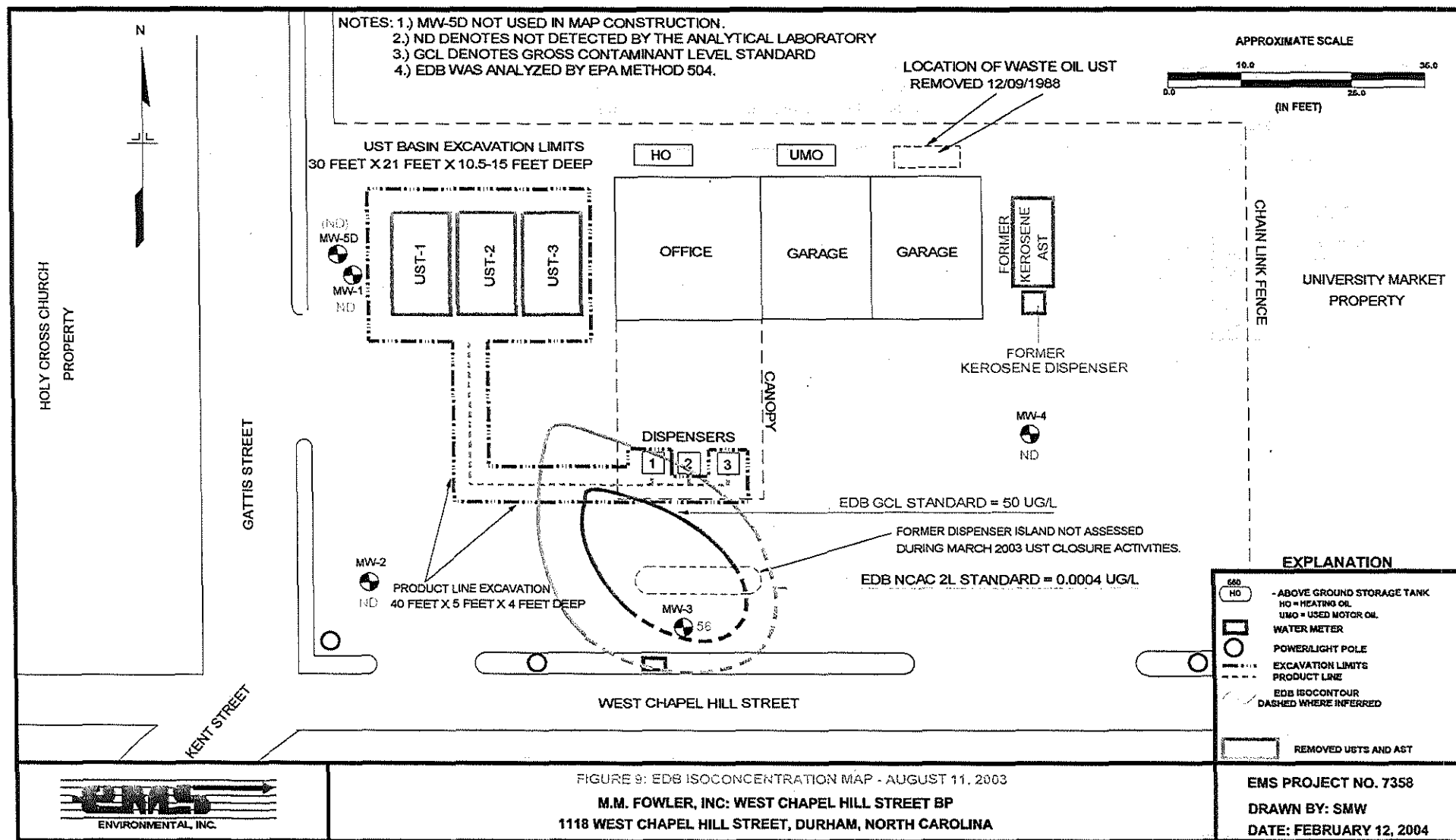


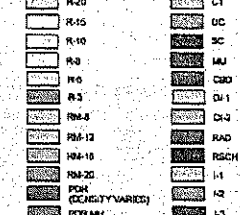




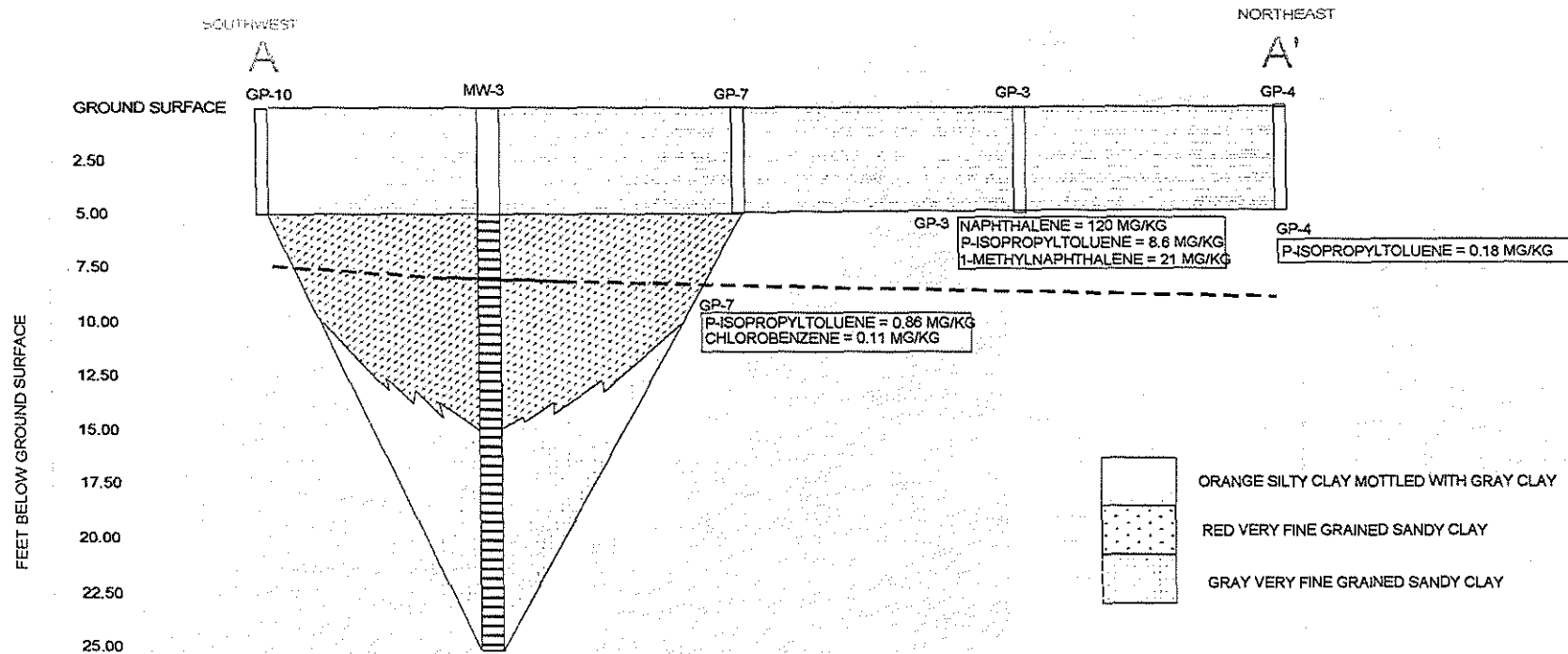




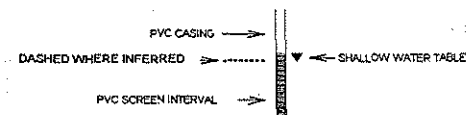




500, 1,000, AND 1,500 FOOT RADII -
RECEPTOR SURVEY LIMITS



MONITORING WELL DETAIL EXPLANATION

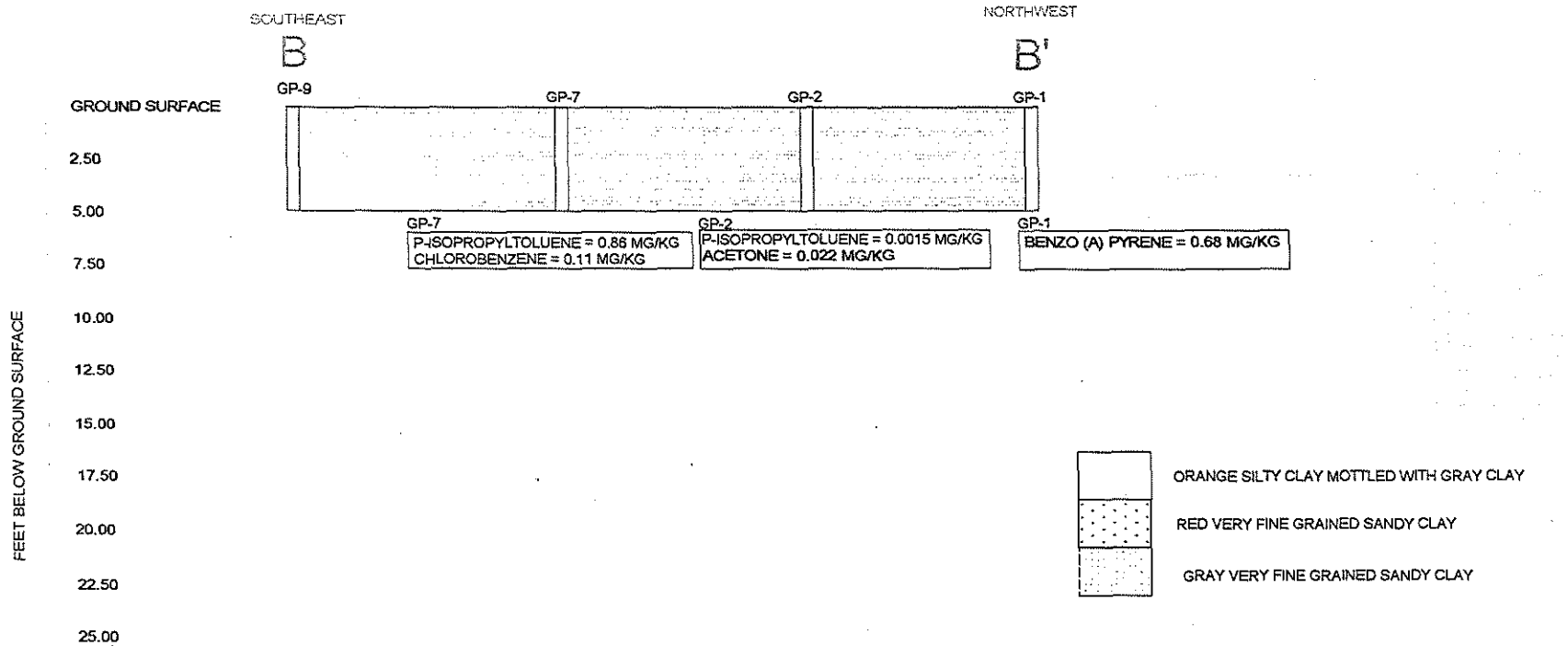


NOTES: SOIL ANALYTICAL RESULTS COLLECTED FROM EPA METHODS 8260/8270 AND MADEP EPH AND VPH.
 ONLY SOIL CONCENTRATIONS EXCEEDING THE APPLICABLE RESIDENTIAL MSCCS ARE SHOWN.
 HORIZONTAL SCALE CORRESPONDS TO VERTICAL SCALE.
 GROUNDWATER ELEVATION DATA COLLECTED JANUARY 30, 2004.

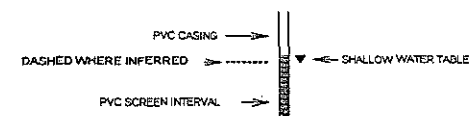


FIGURE 11: GEOLOGIC CROSS-SECTION MAP - A TO A'
 WEST CHAPEL HILL STREET BP SERVICE STATION
 1118 WEST CHAPEL HILL STREET, DURHAM, NC

DRAWN BY: SMW
 DATE: 2/12/04
 EMS PROJECT NO. 7358



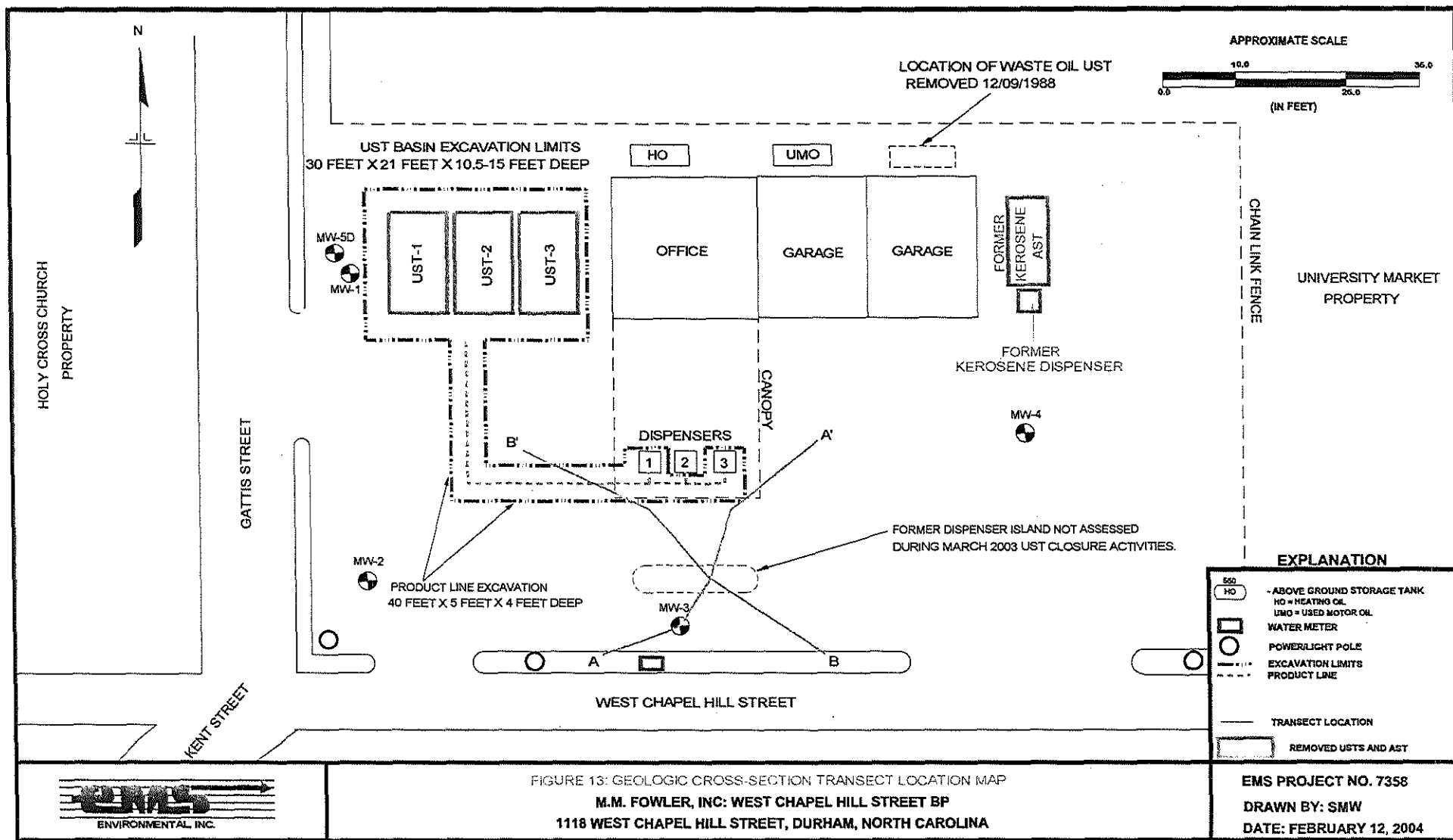
MONITORING WELL DETAIL EXPLANATION

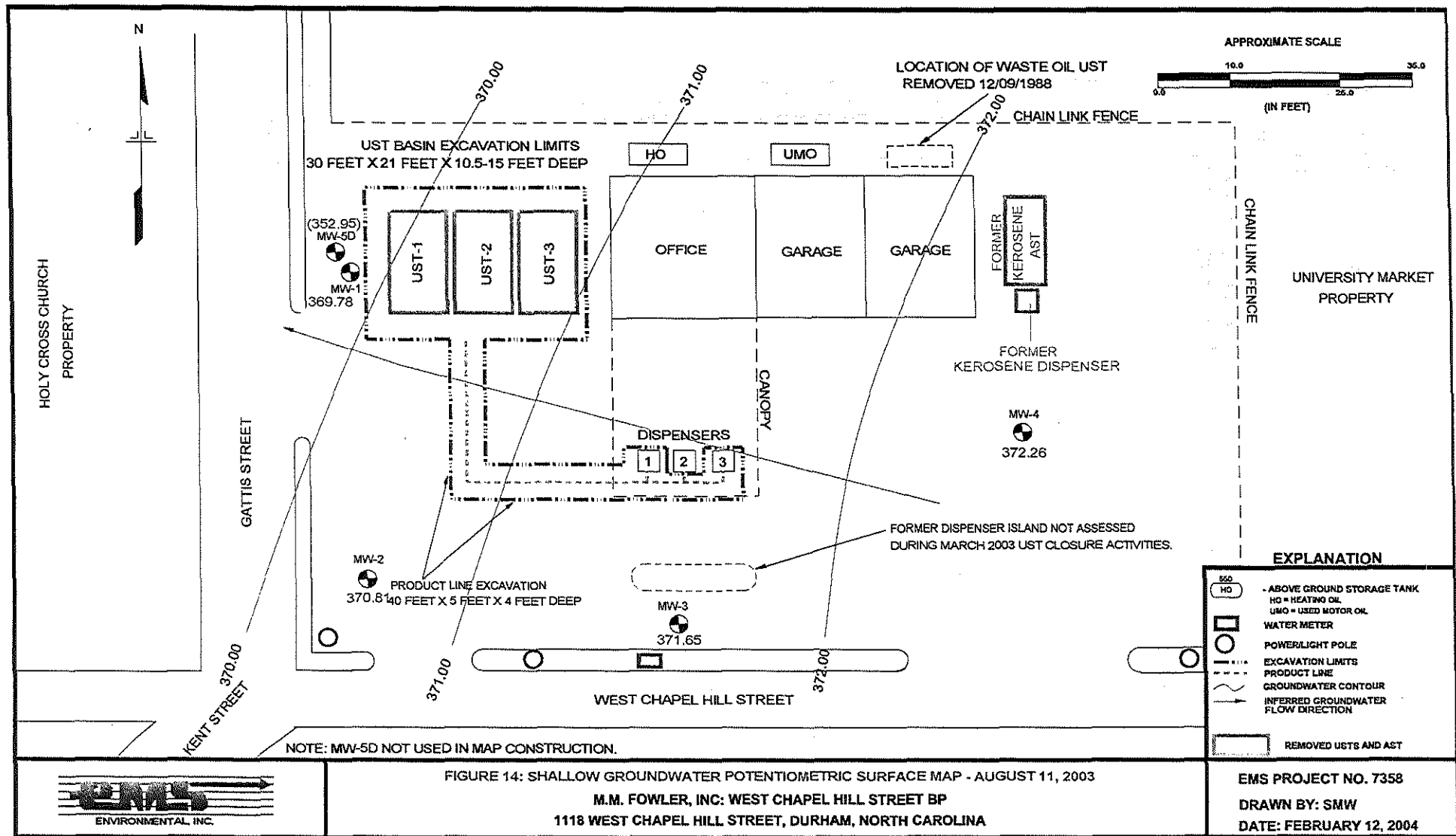


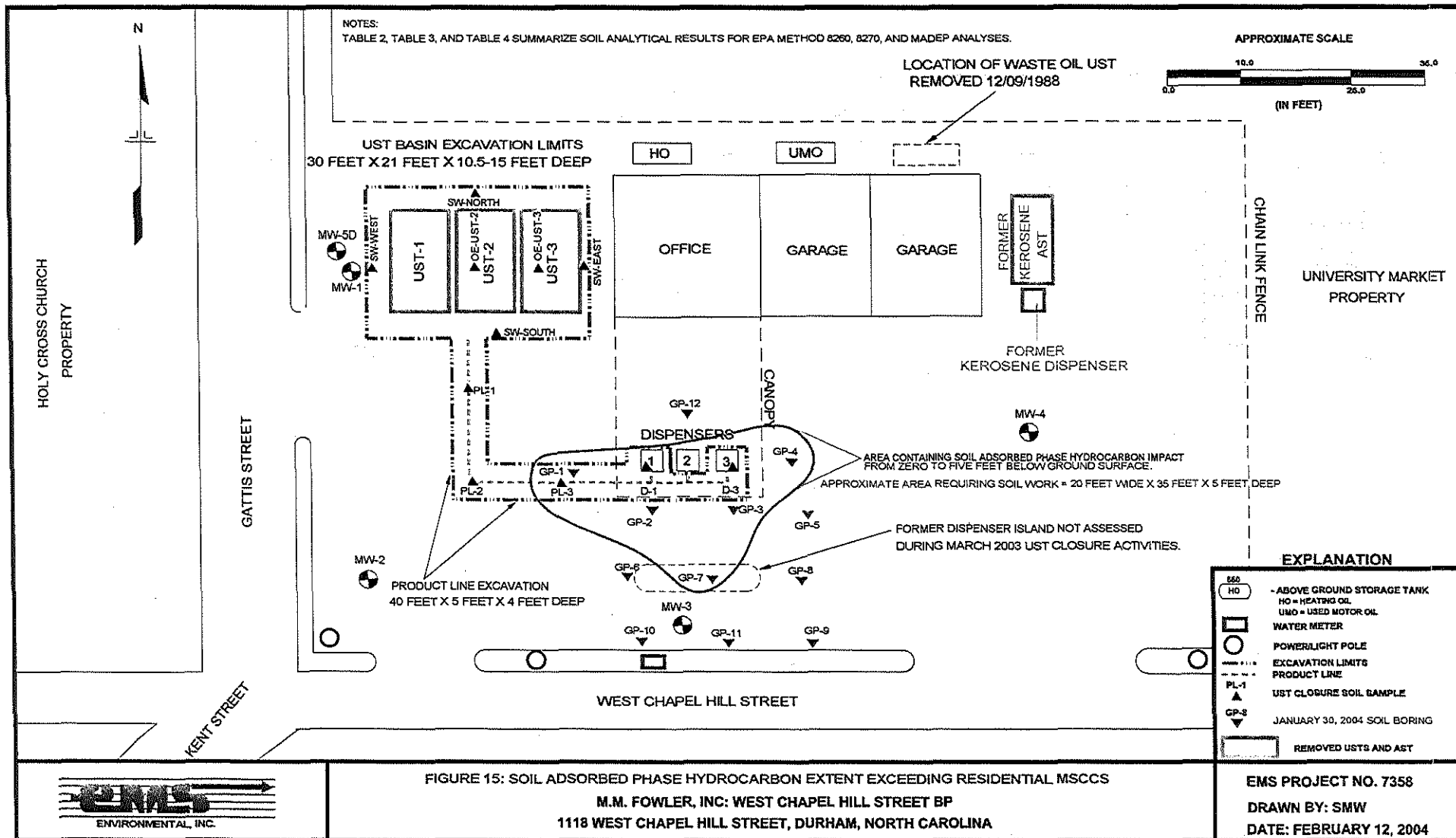
NOTES: SOIL ANALYTICAL RESULTS COLLECTED FROM EPA METHODS 8260/8270 AND MADEP EPH AND VPH.
 ONLY SOIL CONCENTRATIONS EXCEEDING THE APPLICABLE RESIDENTIAL MSCCS ARE SHOWN.
 HORIZONTAL SCALE CORRESPONDS TO VERTICAL SCALE
 GROUNDWATER ELEVATION DATA COLLECTED JANUARY 30, 2004.

FIGURE 12: GEOLOGIC CROSS-SECTION MAP - B TO B'
 WEST CHAPEL HILL STREET BP SERVICE STATION
 1118 WEST CHAPEL HILL STREET, DURHAM, NC

DRAWN BY: SMW
 DATE: 2/12/04
 EMS PROJECT NO. 7358







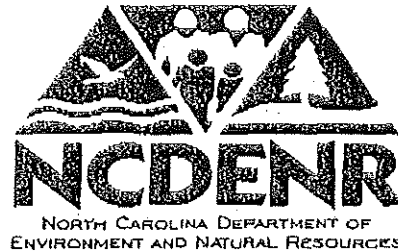
APPENDIX A:

NC DENR CORRESPONDENCE

1358 0011

State of North Carolina
Department of Environment
and Natural Resources
Raleigh Regional Office

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director



DIVISION OF WASTE MANAGEMENT
UNDERGROUND STORAGE TANK (UST) SECTION
April 29, 2003

Mr. Marvin Barnes
M.M. Fowler, Inc.
4220 Neal Road
Durham, NC 27705

RE: Notice of Regulatory Requirements
15A NCAC 2L .0115(c)
RISK-BASED ASSESSMENT AND CORRECTIVE ACTION FOR
PETROLEUM UNDERGROUND STORAGE TANKS

West Chapel Hill St. BP
Facility # 0-016393
1118 West Chapel Hill St.
Durham, NC
Durham County
Incident # 26241

Dear Mr. Barnes:

Information received by this office on April 17, 2003 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 of this UST 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.cnr.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

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 not appropriate 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.
- 5) Please note that before you sell 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). 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>.

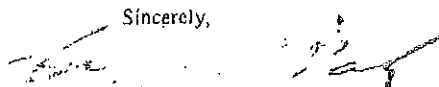
If you believe that any of the information requested above has already been submitted, please notify John F. Maloy of the date, title, and content of the documents that contain the information.

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.

Sincerely,


John F. Maloy
UST Section

cc: Raleigh Regional Office
Durham County Health Department

MONITORING WELL INSTALLATION LOG

MONITORING WELL ID: MW-1

INSTALL DATE: JUNE 2, 2003

EMS PROJECT #: 7358

INSTALLED BY: REDI

LOCATION: 1118 WEST CHAPEL HILL ST.

DRILLER CERT. #: 2501

DURHAM, NORTH CAROLINA

DRILLING METHOD: HOLLOW STEM AUGER

BORING LOG

TYPE II MONITORING WELL

DEPTH
(FT.)

DESCRIPTION

0.0

TAN SANDY CLAY TO A
BROWN AND GREEN MOTTLED CLAY

5.0

SATURATED COARSE GRAINED
GRAY SANDS

10.0

PURPLE/GREEN TIGHT CLAY

15.0

TIGHT BROWN CLAY

20.0

SATURATED BROWN SANDS

25.0

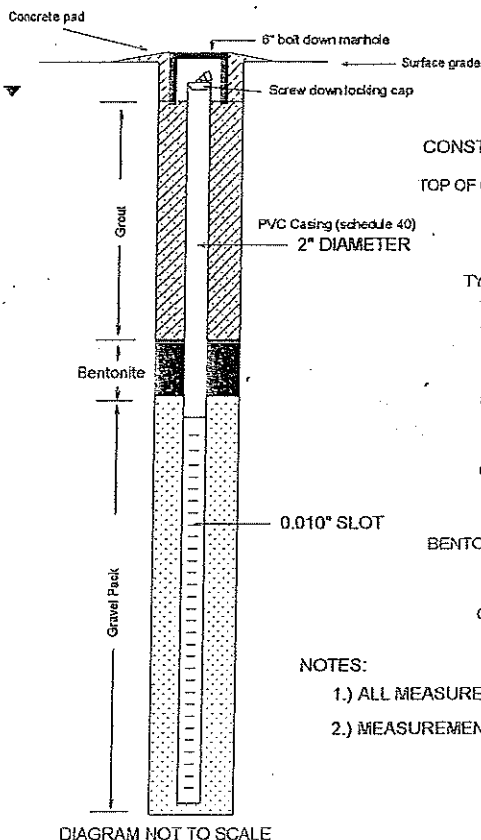
BORING TERMINATED
AT 21 FEET BGS

30.0

35.0

40.0

45.0



CONSTRUCTION NOTES

TOP OF CASING ELEV

O.D. OF CASING 2"

TYPE OF CASING PVC

CASING FROM 0.0
TO 15.0

SCREEN FROM 15.0
TO 25.0

GROUT FROM 0.0
TO 11.0

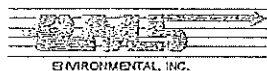
BENTONITE FROM 11.0
TO 13.0

GRAVEL FROM 13.0
TO 25.0

NOTES:

- 1.) ALL MEASUREMENTS IN FEET
- 2.) MEASUREMENTS REFERENCED FROM GRADE

DIAGRAM NOT TO SCALE



MONITORING WELL BORING LOG - MW-1
WEST CHAPEL HILL STREET BP

1118 WEST CHAPEL HILL STREET, DURHAM, NORTH CAROLINA

EMS PROJECT: 7358

LOGGED BY: SMW

DATE: 8/27/03

WELL CONSTRUCTION RECORD

North Carolina – Department of Environment and Natural Resources– Division of Water Quality-Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME: Michael Ransier

CERTIFICATION # 2501

WELL CONTRACTOR COMPANY NAME: Ransier Environmental Drilling, Inc. PHONE# 910-235-0886

STATE WELL CONSTRUCTION PERMIT# N/A

ASSOCIATED WQ PERMIT # N/A

1. WELL USE: Residential Municipal/Public Industrial Agricultural
Recovery Heat Pump/Water Inj. Monitoring X Other:

2. WELL LOCATION: Durham

Nearest Town: _____ County: Durham

1118 W. Chapel Hill St.

(Street Name, Numbers, Community, Subdivision, Lot No, Zip Code)

Topographic/Land Setting

Ridge Flat Valley Slope

Latitude/longitude of well location

degrees/minutes/seconds

Latitude/longitude source: GPS__ Topo map__

3. OWNER: West Chapel Hill Street BP

Address: 1118 W. Chapel Hill St.

Durham

NC

City or Town State Zip Code

Phone number: _____

4. DATE DRILLED: 6/2/2003

5. TOTAL DEPTH: 25

6. DOES WELL REPLACE EXISTING WELL? YES NO X

7. WATER LEVEL Below Top of Casing. 16 Ft.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS -0.2 Ft. Above Land Surface*

*TOP of casing terminated at or below land surface requires a variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): _____ Test Method: _____

10. WATER ZONES (depth) _____

11. DISINFECTION: Type _____ Amount _____

12. CASING: _____ Wall Thickness _____

From	To	Depth	Diameter	or Weight/Ft.	Material
From <u>-0.2</u>	To <u>15</u>	<u>2"</u>	<u>Sch 40</u>	<u>PVC</u>	
From _____	To _____				
From _____	To _____				

From	To	Material	Method
From <u>0.5</u>	To <u>11</u>	<u>Portland</u>	<u>Tremmie</u>
From _____	To _____		

From	To	Diameter	Slot Size	Material
From <u>15</u>	To <u>25</u>	<u>2"</u>	<u>0.01</u>	<u>PVC</u>
From _____	To _____			

From	To	Size	Material
From <u>13</u>	To <u>25</u>	<u>Medium</u>	<u>Quartz</u>
From _____	To _____		

16. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Michael Ransier

6/4/2003

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC

27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 7/2001

LOCATION SKETCH
Show direction and distance in miles from at least two State or County Roads. Include the road numbers and common road names.

MW-1

W. Chapel Hill Street

MONITORING WELL INSTALLATION LOG

MONITORING WELL ID: MW-2

INSTALL DATE: AUGUST 4, 2003

EMS PROJECT #: 7358

INSTALLED BY: REDI

LOCATION: 1118 WEST CHAPEL HILL STREET

DRILLER CERT. #: 2501

DURHAM, NORTH CAROLINA

DRILLING METHOD: AIR ROTARY

BORING LOG

TYPE II MONITORING WELL

DEPTH
(FT.)

DESCRIPTION

0.0

CONCRETE

5.0

FINE GRAINED
BROWN SANDY CLAY

10.0

APROX GROUNDWATER LEVEL

15.0

REDDISH BROWN CLAY

20.0

TAN SANDY SLURRY

25.0

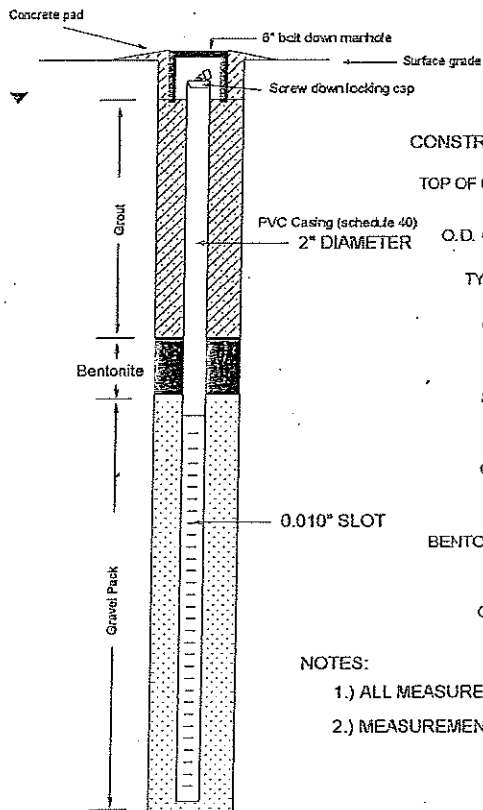
BORING TERMINATED
AT 25 FEET BGS

30.0

35.0

40.0

45.0



CONSTRUCTION NOTES:

TOP OF CASING ELEV _____

O.D. OF CASING 2"

TYPE OF CASING PVC

CASING FROM 0.0
TO 5.0

SCREEN FROM 5.0
TO 25.0

GROUT FROM 0.0
TO 1.0

BENTONITE FROM 1.0
TO 3.0

GRAVEL FROM 3.0
TO 25.0

NOTES:

- 1.) ALL MEASUREMENTS IN FEET
- 2.) MEASUREMENTS REFERENCED FROM GRADE

MONITORING WELL BORING LOG -- MW-2

WEST CHAPEL HILL STREET BP

1118 WEST CHAPEL HILL STREET, DURHAM, NORTH CAROLINA

EMS PROJECT: 7358

LOGGED BY: SMW

DATE: 8/28/03



WELL CONSTRUCTION RECORD

North Carolina -- Department of Environment and Natural Resources-- Division of Water Quality-Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME: Michael Ransier CERTIFICATION # 2501

WELL CONTRACTOR COMPANY NAME: Ransier Environmental Drilling, Inc. PHONE# 910-235-0686

STATE WELL CONSTRUCTION PERMIT# N/A ASSOCIATED WQ PERMIT # N/A

1. WELL USE: Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Recovery ☐ Heat Pump/Water Inj. ☐ Monitoring ☒ Other: ☐

2. WELL LOCATION: Durham

Nearest Town: 1118 W. Chapel Hill Street County: Durham

1118 W. Chapel Hill Street

(Street Name, Numbers, Community, Subdivision, Lot No, Zip Code)

Topographic/Land Setting

Ridge ☐ Flat Valley ☐ Slope ☐

Latitude/longitude of well location

degrees/minutes/seconds

Latitude/longitude source: GPS ☐ Topo map ☐

3. OWNER: Former W. Chapel Hill St. BP

Address: 1118 W. Chapel Hill St.

Durham NC

City or Town State Zip Code

Phone number: _____

4. DATE DRILLED: 8/4/2003

5. TOTAL DEPTH: 25

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. WATER LEVEL Below Top of Casing. 8 Ft.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS -0.2 Ft. Above Land Surface*

*TOP of casing terminated at or below land surface requires a variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): _____ Test Method: _____

10. WATER ZONES (depth) _____

11. DISINFECTION: Type _____ Amount _____

12. CASING: _____ Wall Thickness _____

From	To	Depth	Diameter	or Weight/Ft.	Material
From <u>-0.2</u>	To <u>5</u>	<u>2"</u>	<u>Sch 40</u>	<u>PVC</u>	

From	To	Depth	Diameter	or Weight/Ft.	Material
From _____	To _____				

13. GROUT: _____ Material _____ Method _____

From	To	Depth	Diameter	or Weight/Ft.	Material
From <u>0.5</u>	To <u>1</u>	<u>Portland</u>	<u>Tremmie</u>		

14. SCREEN: _____ Diameter _____ Slot Size _____ Material _____

From	To	Depth	Diameter	Slot Size	Material
From <u>5</u>	To <u>25</u>	<u>2"</u>	<u>0.01</u>	<u>PVC</u>	

15. SAND/GRAVEL PACK: _____ Size _____ Material _____

From	To	Depth	Size	Material
From <u>3</u>	To <u>25</u>	<u>Medium</u>	<u>Quartz</u>	

16. REMARKS: _____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Michael Ransier

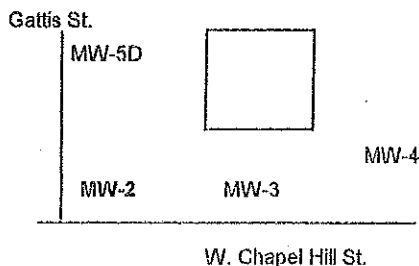
SIGNATURE OF PERSON CONSTRUCTING THE WELL

8/12/2003

DATE

LOCATION SKETCH

Show direction and distance in miles from at least two State or County Roads. Include the road numbers and common road names.



Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC

27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 7/2001

MONITORING WELL INSTALLATION LOG

MONITORING WELL ID: MW-3

INSTALL DATE: AUGUST 4, 2003

EMS PROJECT #: 7358

INSTALLED BY: REDI

LOCATION: 1118 WEST CHAPEL HILL STREET

DRILLER CERT. #: 2501

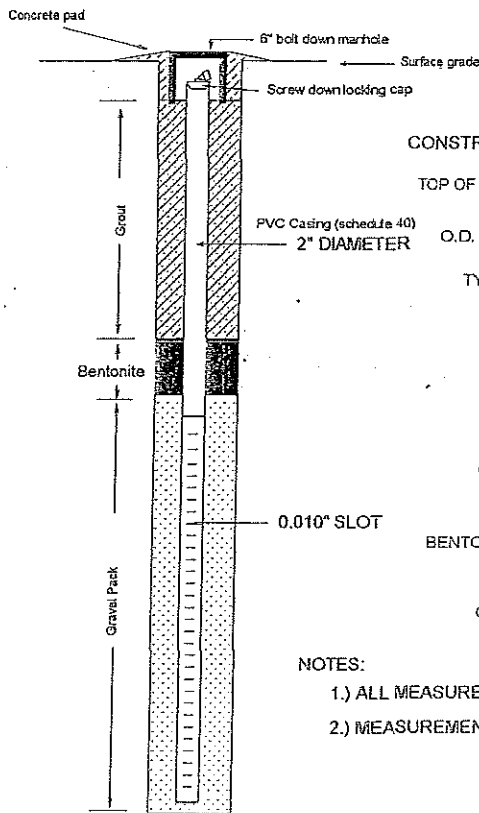
DURHAM, NORTH CAROLINA

DRILLING METHOD: AIR ROTARY

BORING LOG

TYPE II MONITORING WELL

DEPTH (FT.)	DESCRIPTION
0.0	CONCRETE
5.0	ORANGE MOTTLED WITH GRAY CLAY
10.0	RED VERY FINE GRAINED SANDY CLAY
15.0	APP. GROUNDWATER LEVEL RED VERY FINE GRAINED SANDY CLAY
20.0	GRAY VERY FINE GRAINED SANDY CLAY
25.0	BORING TERMINATED AT 25 FEET BGS



CONSTRUCTION NOTES:

TOP OF CASING ELEV	---
O.D. OF CASING	2"
TYPE OF CASING	PVC
CASING FROM	0.0
TO	5.0
SCREEN FROM	5.0
TO	25.0
GROUT FROM	0.0
TO	1.0
BENTONITE FROM	1.0
TO	3.0
GRAVEL FROM	3.0
TO	25.0

NOTES:

- 1.) ALL MEASUREMENTS IN FEET
- 2.) MEASUREMENTS REFERENCED FROM GRADE

DIAGRAM NOT TO SCALE



MONITORING WELL BORING LOG -- MW-3

WEST CHAPEL HILL STREET BP

1118 WEST CHAPEL HILL STREET, DURHAM, NC

EMS PROJECT: 7358

LOGGED BY: SMW

DATE: 8/28/03

WELL CONSTRUCTION RECORD

North Carolina -- Department of Environment and Natural Resources-- Division of Water Quality-Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME: Michael Ransier CERTIFICATION # 2501
 WELL CONTRACTOR COMPANY NAME: Ransier Environmental Drilling, Inc. PHONE# 910-236-0686
 STATE WELL CONSTRUCTION PERMIT# N/A ASSOCIATED WQ PERMIT # N/A
 1. WELL USE: Residential Municipal/Public Industrial Agricultural
 Recovery Heat Pump/Water Inj. Monitoring X Other:

2. WELL LOCATION: Durham Topographic/Land Setting
 Nearest Town: Durham County: Durham Ridge Flat Valley Slope
 1118 W. Chapel Hill Street Latitude/longitude of well location
 (Street Name, Numbers, Community, Subdivision, Lot No, Zip Code)

3. OWNER: Former W.Chapel Hill St. BP
 Address: 1118 W. Chapel Hill St.
 Durham NC
 City or Town State Zip Code

Phone number:

4. DATE DRILLED: 8/4/2003
 5. TOTAL DEPTH: 25
 6. DOES WELL REPLACE EXISTING WELL? YES NO X
 7. WATER LEVEL Below Top of Casing. 8 Ft.
 (Use "+" if Above Top of Casing)

8. TOP OF CASING IS -0.2 Ft. Above Land Surface*
 *TOP of casing terminated at or below land surface requires a
 variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): Test Method:

10. WATER ZONES (depth)

11. DISINFECTION: Type Amount

12. CASING: Wall Thickness
 Depth Diameter or Weight/Ft. Material
 From -0.2 To 5 2" Sch 40 PVC
 From To
 From To

13. GROUT: Material Method
 From 0.5 To 1 Portland Tremmie
 From To

14. SCREEN: Diameter Slot Size Material
 From 5 To 25 2" 0.01 PVC
 From To

15. SAND/GRAVEL PACK: Size Material
 From 3 To 25 Medium Quartz
 From To

16. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL
 CONSTRUCTION STANDARDS, AND A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF PERSON CONSTRUCTING THE WELL

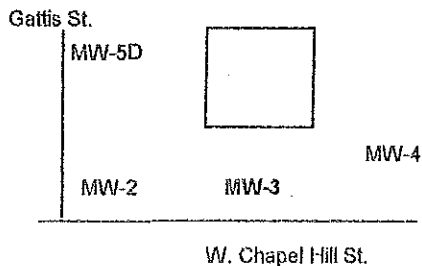
8/12/2003

DATE

DEPTH		DRILLING LOG
From	To	Formation Description
0	5	orange gray clay
5	15	red silty clay
15	25	fine grained gray sandy clay
		MW-3

LOCATION SKETCH

Show direction and distance in miles from at
 least two State or County Roads. Include the
 road numbers and common road names.



MONITORING WELL INSTALLATION LOG

MONITORING WELL ID: MW-4

INSTALL DATE: AUGUST 4, 2003

EMS PROJECT #: 7358

INSTALLED BY: REDI

LOCATION: 1118 WEST CHAPEL HILL STREET

DRILLER CERT. #: 2501

DURHAM, NORTH CAROLINA

DRILLING METHOD: AIR ROTARY

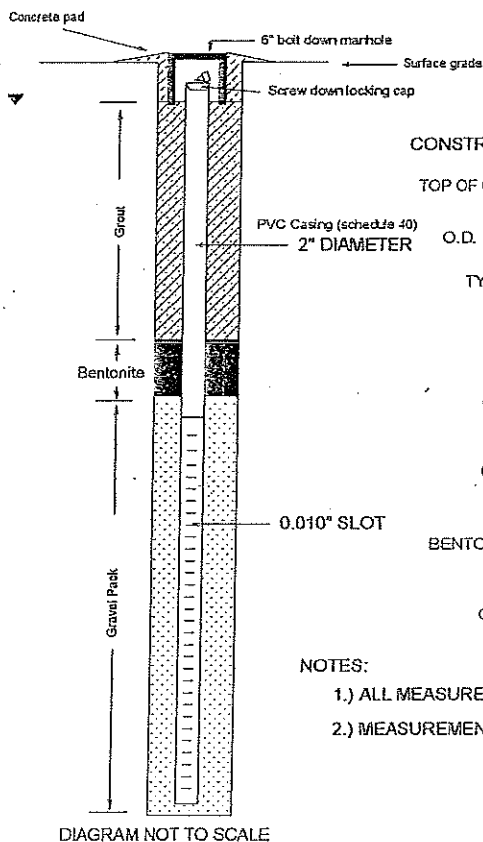
BORING LOG

TYPE II MONITORING WELL

DEPTH
(FT.)

DESCRIPTION

0.0	CONCRETE
5.0	BROWN FINE GRAINED SANDY CLAY
10.0	APP. GROUNDWATER LEVEL
15.0	RED FINE GRAINED SANDY CLAY
20.0	RED CLAY
25.0	BORING TERMINATED AT 25 FEET BGS
30.0	
35.0	
40.0	
45.0	



CONSTRUCTION NOTES:

TOP OF CASING ELEV	---
O.D. OF CASING	2"
TYPE OF CASING	PVC
CASING FROM	0.0
TO	5.0
SCREEN FROM	5.0
TO	25.0
GROUT FROM	0.0
TO	1.0
BENTONITE FROM	1.0
TO	3.0
GRAVEL FROM	3.0
TO	25.0

NOTES:

- 1.) ALL MEASUREMENTS IN FEET
- 2.) MEASUREMENTS REFERENCED FROM GRADE



MONITORING WELL BORING LOG -- MW-4

WEST CHAPEL HILL STREET BP

1118 WEST CHAPEL HILL STREET, DURHAM, NORTH CAROLINA

EMS PROJECT: 7358

LOGGED BY: SMW

DATE: 8/28/03

WELL CONSTRUCTION RECORD

North Carolina -- Department of Environment and Natural Resources-- Division of Water Quality-Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME: Michael Ransier

CERTIFICATION # 2501

WELL CONTRACTOR COMPANY NAME: Ransier Environmental Drilling, Inc. PHONE# 910-235-0686

STATE WELL CONSTRUCTION PERMIT# N/A

ASSOCIATED WQ PERMIT # N/A

1. WELL USE: Residential Municipal/Public Industrial Agricultural
Recovery Heat Pump/Water Inj. Monitoring X Other:

2. WELL LOCATION: Durham

Nearest Town: 1118 W. Chapel Hill Street County: Durham

(Street Name, Numbers, Community, Subdivision, Lot No, Zip Code)

Topographic/Land Setting

Ridge Flat Valley Slope

Latitude/longitude of well location

degrees/minutes/seconds

Latitude/longitude source: GPS Topo map

3. OWNER: Former W.Chapel Hill St. BP

Address: 1118 W. Chapel Hill St.

Durham NC

City or Town State Zip Code

Phone number:

4. DATE DRILLED: 8/4/2003

5. TOTAL DEPTH: 25

6. DOES WELL REPLACE EXISTING WELL? YES NO X

7. WATER LEVEL Below Top of Casing. 8 Ft.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS -0.2 Ft. Above Land Surface*

*TOP of casing terminated at or below land surface requires a variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): Test Method:

10. WATER ZONES (depth)

11. DISINFECTION: Type Amount

12. CASING: Wall Thickness

From	To	Depth	Diameter	or Weight/Ft.	Material
-0.2	5	2"	Sch 40	PVC	

From	To	Material	Method
0.5	1	Portland	Tremmie

From	To	Diameter	Slot Size	Material
5	25	2"	0.01	PVC

From	To	Size	Material
3	25	Medium	Quartz

16. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF PERSON CONSTRUCTING THE WELL

8/12/2003

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC 27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 7/2001

DEPTH	DRILLING LOG	
From	To	Formation Description
0	10	fine grained sandy brown
10	15	fine grained sandy red
		clay
15	25	red clay

MW-4

LOCATION SKETCH

Show direction and distance in miles from at least two State or County Roads. Include the road numbers and common road names.

Gattis St.

MW-5D

MW-2

MW-3

MW-4

W. Chapel Hill St.

MONITORING WELL INSTALLATION LOG

MONITORING WELL ID: MW-5D

INSTALLED BY: REDI

EMS PROJECT #: 7358

DRILLING DATE: AUGUST 4 AND 5, 2003

LOCATION: 1118 WEST CHAPEL HILL STREET

DRILLING METHOD: AIR ROTARY

DURHAM, NORTH CAROLINA

BORING LOG		TYPE III MONITORING WELL	
DEPTH (FT.)	DESCRIPTION		
0.0	CONCRETE		
	ORANGE MOTTLED WITH GRAY CLAY		
10.0			
	RED FINE GRAINED SANDY CLAY	PVC OUTER CASING	
20.0		PVC INNER CASING	
	GRAY/TAN SANDY MUD SLURRY		
30.0		PORTLAND CEMENT W/ 10 % BENTONITE	
40.0			
	ORANGE/BROWN SILTY CLAY		
50.0			
60.0	BORING TERMINATED @ 60 FEET BGS		
		BENTONITE PELLET SEAL	
70.0			
		SAND PACK	
80.0			
			SCREENED INTERVAL

LOCKING CAP

2' X 2' CONCRETE PAD

CONSTRUCTION NOTES

OUTER CASING:

CASING TYPE PVC

CASING I.D. 8 INCH

CASING FROM 0.0

TO 40.0

GROUT FROM 0.0

TO 40.0

INNER CASING:

CASING TYPE PVC

CASING I.D. 2 INCH

CASING FROM 0.0

TO 55.0

SCREEN FROM 55.0

TO 60.0

GROUT FROM 0.0

TO 51.0

BENTONITE FROM 51.0

TO 53.0

GRAVEL PACK FROM 53.0

TO 60.0

NOTES: MEASUREMENTS REFERENCED FROM GRADE LEVEL

WELL DIAGRAM NOT DRAWN TO SCALE



ENVIRONMENTAL, INC.

MONITOR WELL CONSTRUCTION LOG - MW-5D
 WEST CHAPEL HILL STREET BP
 1118 WEST CHAPEL HILL STREET, DURHAM, NC

EMS #: 7358
 LOGGED BY: SMW
 DATE: 8/28/03

WELL CONSTRUCTION RECORD

North Carolina -- Department of Environment and Natural Resources-- Division of Water Quality-Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME: Michael Ransier CERTIFICATION # 2501

WELL CONTRACTOR COMPANY NAME: Ransier Environmental Drilling, Inc. PHONE# 910-235-0686

STATE WELL CONSTRUCTION PERMIT# N/A ASSOCIATED WQ PERMIT # N/A

1. WELL USE: Residential Municipal/Public Industrial Agricultural
Recovery Heat Pump/Water Inj. Monitoring X Other:

2. WELL LOCATION: Durham

Nearest Town: County: Durham

1118 W. Chapel Hill Street

(Street Name, Numbers, Community, Subdivision, Lot No, Zip Code)

Topographic/Land Setting

Ridge Flat Valley Slope

Latitude/longitude of well location

degrees/minutes/seconds

Latitude/longitude source: GPS Topo map

3. OWNER: Former W.Chapel Hill St. BP

Address: 1118 W. Chapel Hill St.

Durham NC

City or Town State Zip Code

Phone number:

4. DATE DRILLED: 8/4+5/2003

5. TOTAL DEPTH: 60

6. DOES WELL REPLACE EXISTING WELL? YES NO X

7. WATER LEVEL Below Top of Casing. 22 Ft.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS -0.2 Ft. Above Land Surface*

*TOP of casing terminated at or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): Test Method:

10. WATER ZONES (depth)

11. DISINFECTION: Type Amount

12. CASING: Wall Thickness

From	To	Depth	Diameter	or Weight/Ft.	Material
-0.2	55	2"	Sch 40	PVC	
0	40	5"	Sch 40	PVC	

From	To	Material	Method
0.5	51	Portland	Tremmie
0	40	Portland	Tremmie

From	To	Diameter	Slot Size	Material
55	60	2"	0.01	PVC

From	To	Size	Material
53	60	Medium	Quartz

16. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL
CONSTRUCTION STANDARDS, AND A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC

27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 7/2001

DEPTH DRILLING LOG

From To Formation Description

0 4 tan fine grained sand

4 20 red sandy clay

20 30 white fine sand

30 60 red silt tassic

MW-5D

LOCATION SKETCH

Show direction and distance in miles from at
least two State or County Roads. Include the
road numbers and common road names.

Gattis St.

MW-5D

MW-2

MW-3

MW-4

W. Chapel Hill St.

Analytical Data Tables
for
North Carolina Dry-Cleaning Solvent Cleanup Act Program

Facility Name:	New Method Laundry & Dry Cleaners
	1201 West Chapel Hill Street, Durham, NC
DSCA ID No.:	32-0019
Submittal Date:	July 11, 2012
Prepared By:	URS Corporation - North Carolina
	Carlin Slusher; Rob MacWilliams, PG

DSCA ID No.: 32-0019

1. Tabulate the analytical results in chronological order from the oldest to the most recent event.
2. Non-detects must be entered as < detection limit (for e.g. <0.5). If detection limit is not known, non-detects should be expressed as "ND".
3. Enter "NA" for chemicals which is not analyzed.
4. Enter "N/A" for data which is not available.
5. Attach the required attachments listed in the "ADT TOC" page.
6. The date on the tables should be entered in "MM/DD/YY" format.
7. If additional row(s) is required to enter data, insert row(s) before the row highlighted in red.
8. The analytical results should be entered in the units specified on each table.

Table of Contents		ADT TOC
DSCA ID No.: 32-0019		
Table/ Att. No.	Description	Check box if included
Tables		
Table 1	Site Chronology	<input checked="" type="checkbox"/>
Table 2	Analytical Data for Soil	<input checked="" type="checkbox"/>
Table 3	Analytical Data for Sub-slab Gas	<input type="checkbox"/>
Table 4	Analytical Data for Soil Gas	<input type="checkbox"/>
Table 5	Analytical Data for Indoor and Outdoor Air	<input type="checkbox"/>
Table 6	Monitoring Well Construction Data	<input type="checkbox"/>
Table 7	Groundwater Elevation Data	<input checked="" type="checkbox"/>
Table 8	Analytical Data for Groundwater	<input checked="" type="checkbox"/>
Table 9	Analytical Data for Surface Water	<input type="checkbox"/>
Table 10	Water Well(s) Survey Data	<input type="checkbox"/>
Table 11	Analytical Data for Water Supply Well(s)	<input type="checkbox"/>
Table 12	Analytical Data for Natural Attenuation Parameters	<input type="checkbox"/>
Attachments		
Att. 1	Site map showing location(s) of soil boring(s).	<input type="checkbox"/>
Att. 2	Soil contaminant concentration maps showing the concentration at each sampling point.	<input checked="" type="checkbox"/>
Att. 3	Soil isoconcentration maps.	<input type="checkbox"/>
Att. 4	Site map showing location(s) of monitoring well(s).	<input type="checkbox"/>
Att. 5	Well completion diagrams and records of construction submitted to state.	<input type="checkbox"/>
Att. 6	Groundwater gradient map for each sampling event.	<input checked="" type="checkbox"/>
Att. 7	PCE concentration map showing the concentration at each sampling point and isoconcentration map. However, if there are significant plumes for other dry-cleaning contaminants, contaminant concentration maps for each chemical of concern should be included.	<input checked="" type="checkbox"/>
Att. 8	Groundwater concentration trend plots.	<input type="checkbox"/>
Att. 9	Map showing location(s) of surface water sample(s) (if applicable).	<input type="checkbox"/>
Att. 10	Surface water concentration map showing the concentration at each sampling point (if applicable).	<input type="checkbox"/>
Att. 11	USGS Quad map with plotted water well location(s) within the 1,500 foot and 0.5 mile radii of the site (if applicable).	<input type="checkbox"/>
Att. 12	Site map showing location(s) of monitoring well(s) for natural attenuation parameters.	<input type="checkbox"/>
Att. 13	Site map showing location(s) of indoor air, outdoor air, or soil gas samples.	<input type="checkbox"/>
Att. 14	Air and soil gas concentration map showing the concentration at each sampling point.	<input type="checkbox"/>
Att. 15	Signed laboratory analytical reports including chain-of custody and quality assurance/quality control (QA/QC) documentation (only if not previously submitted).	<input checked="" type="checkbox"/>
Att. 16		<input type="checkbox"/>
Att. 17		<input type="checkbox"/>
Att. 18		<input type="checkbox"/>
Att. 19		<input type="checkbox"/>
Att. 20		<input type="checkbox"/>
Att. 21		<input type="checkbox"/>
Note: 1. All maps must include a bar scale, north arrow, site name, DSCA ID No., and date.		

Table 1: Site Chronology**ADT 1****DSCA ID No.: 32-0019****Chronology of Events**

Date	Instructions: Brief description of all significant events that have occurred since a problem was suspected at the facility. Commence with the first date a problem was suspected and continue through the most recent activity described in the current report.
5/19/2011	Terraquest conducts initial site assessment of the subject property which included: soil sampling and sampling of an underground storage tank (UST) and a steel vault. Two groundwater monitoring points were attempted but no groundwater was encountered.
7/7/2011	Terraquest conducts second site assessment of the subject property which included: installation of one monitoring well, additional soil sampling, and groundwater sampling. A Phase II Environmental Site Assessment (ESA) report is submitted to the property owner.
9/15/2011	NCDENR certified site into DSCA Program.
9/22/2011	Dianne Thomas, DSCA Project Manager, Rob MacWilliams, URS Program Manager, and Carlin Slusher, URS Project Manager, met on-site to discuss scope of work.
10/19/2011	URS submits Assessment Cost Proposal.
11/30-12/6/2011	URS initiates Prioritization Assessment (PA) fieldwork, which includes: oversight of utility markout, receptor/well survey, installation/sampling of four shallow monitoring wells (MW-2 to MW-5), six soil borings (SB-1 to SB-6), one sub-slab vapor sample, two soil gas samples, one indoor/ambient sample, and three slug tests.
5/1-5/2/2012	URS completes additional assessment activities, which includes the installation/sampling of shallow monitoring wells (MW-6 and MW-7).
5/5-5/6/12	URS completes indoor air sampling at All My Children Daycare (1121 West Chapel Hill Street) and West End Community Center (705 Kent Street).
6/25-6/26/12	URS completes additional soil assessment activities, which includes the advancement of thirteen soil borings (SB-7 to SB-19) and analysis of soil samples using an on-site mobile laboratory.
7/2/2012	URS completes gauging of all monitoring wells (MW-1 to MW-7) and sampling of select monitoring wells (MW-1 to MW-5).

ADT 2

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)									
			[mg/kg]																			
B1	1-2	5/19/11	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.019									
B1	17-18	5/19/11	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.0055	< 0.016									
B2	1-1.5	5/19/11	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.0067	< 0.020									
B3	4	5/19/11	< 0.0066	< 0.0066	< 0.0066	< 0.0066	0.01	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.020									
B4	6-7	5/19/11	< 0.35	< 0.35	0.121 J	< 0.35	2.05	23.7	< 0.35	< 0.35	< 0.35	< 0.35	1.16									
B5	3-5	5/19/11	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.024									
DRAIN SOIL	-	5/19/11	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.090									
DRAIN 1	0.5-1	5/19/11	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.015									
DRAIN 2	2-3	5/19/11	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.011									
B6	3-5	7/7/11	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64	1260	< 0.64	< 0.64	< 0.64	< 0.64	< 190									
B7	3-5	7/7/11	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	134	< 5.7	< 5.7	< 5.7	< 5.7	< 17									
B8	3-5	7/7/11	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	7.78	< 0.29	< 0.29	< 0.29	< 0.29	< 0.86									
B9	10-12	7/7/11	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	4.83	< 0.29	< 0.29	< 0.29	< 0.29	< 0.88									
B10	8-10	7/7/11	< 0.0048	< 0.0048	0.0048	< 0.0048	< 0.0048	0.304 E	0.0368	< 0.0048	0.0038 J	< 0.0048	0.0174									
B11	6-8	7/7/11	< 3.0	< 3.0	0.669 J	< 3.0	11.2	70.1	< 3.0	< 3.0	< 3.0	< 3.0	7.76 J									
SB-1 2-3	2-3	12/1/11	< 120	< 120	< 120	< 120	< 120	30000	< 120	< 120	< 120	< 120	< 370									

Table 2: Analytical Data for Soil

ADT 2

DSCA ID No.: 32-0019

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)								
			[mg/kg]																		
SB-1 3-4	3-4	12/1/11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	9.5	< 0.11	< 0.11	< 0.11	< 0.11	< 0.32								
SB-2 0-1	0-1	12/1/11	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.19	< 0.10	< 0.10	< 0.10	< 0.10	< 0.31								
SB-2 5-6	5-6	12/1/11	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.21	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0035								
SB-3 0-1	0-1	12/1/11	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0057	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0034								
SB-3 4-5	4-5	12/1/11	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0015	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0036								
SB-4 2-3	2-3	12/1/11	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0036								
SB-4 3-4	3-4	12/1/11	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0016	< 0.0048								
SB-5 2-3	2-3	12/1/11	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	0.014	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0040								
SB-5 4-5	4-5	12/1/11	< 0.0014	< 0.0014	< 0.0014	< 0.0014	< 0.0014	0.059	< 0.0014	< 0.0014	< 0.0014	< 0.0014	< 0.0042								
SB-6 2-3	2-3	12/1/11	< 0.0014	< 0.0014	< 0.0014	0.0006 2 J	< 0.0014	0.13 J	< 0.0014	< 0.0014	0.0007 9 J	< 0.0014	< 0.0043								
SB-6 5-6	5-6	12/1/11	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.04	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0035								
SB-7	2-3'	6/26/12	<0.011	<0.011	<0.011	NA	NA	<0.011	<0.011	<0.011	<0.011	<0.011	<0.033								
SB-8	1-2'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.015	<0.012	<0.012	<0.012	<0.012	<0.036								
SB-9	4-5'	6/26/12	<0.012	<0.012	<0.012	NA	NA	<0.012	<0.012	<0.012	<0.012	<0.012	<0.035								
SB-10	3-4'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.33	<0.012	<0.012	<0.012	<0.012	<0.037								
SB-11	4-5'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.044	<0.012	<0.012	<0.012	<0.012	<0.036								

Table 2: Analytical Data for Soil

ADT 2

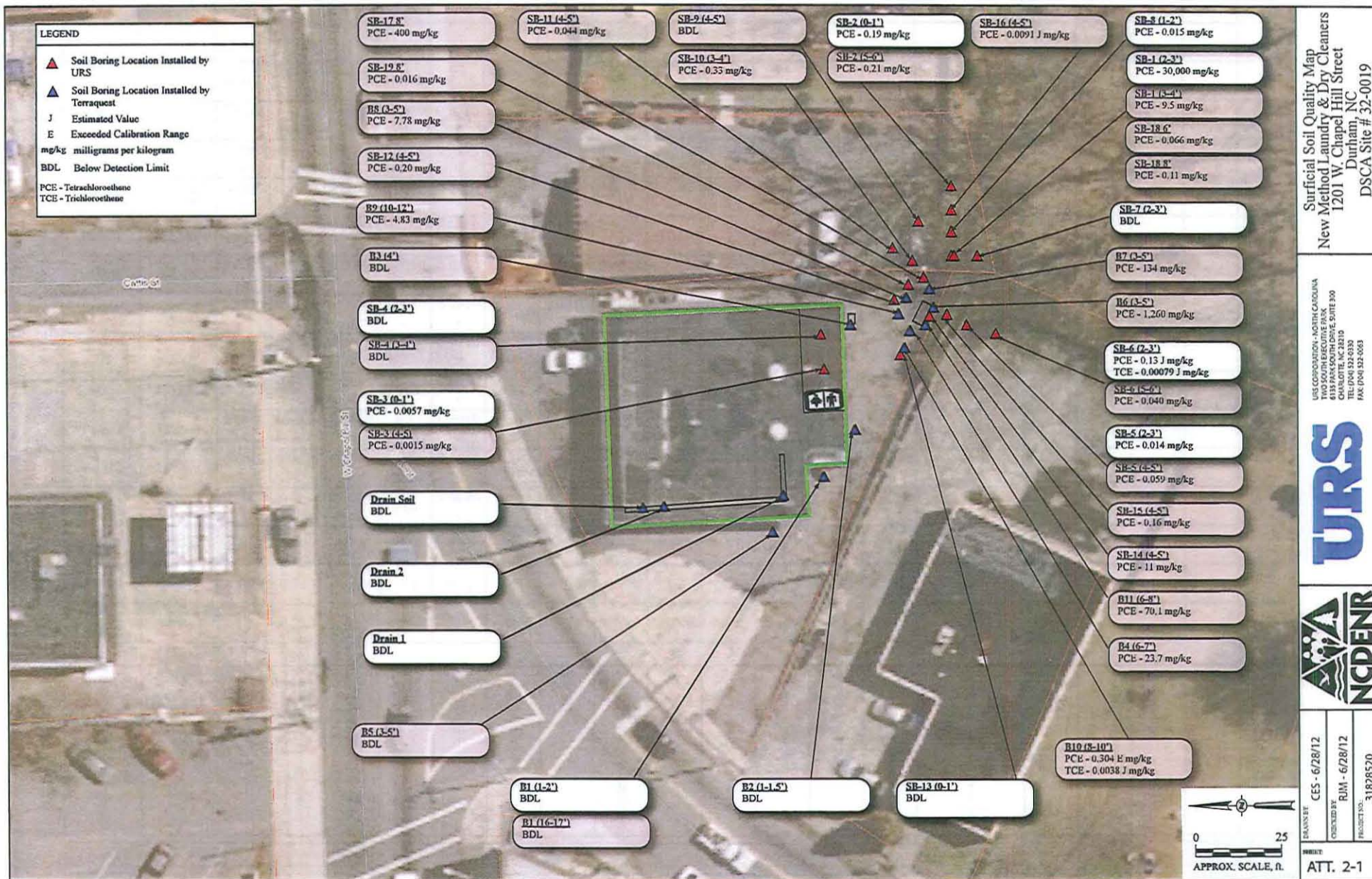
DSCA ID No.: 32-0019

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)								
			[mg/kg]																		
SB-12	4-5'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.2	<0.012	<0.012	<0.012	<0.012	<0.037								
SB-13	0-1'	6/26/12	<0.012	<0.012	<0.012	NA	NA	<0.012	<0.012	<0.012	<0.012	<0.012	<0.036								
SB-14	4-5'	6/26/12	<0.25	<0.25	<0.25	NA	NA	11	<0.25	<0.25	<0.25	<0.25	<0.75								
SB-15	4-5'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.16	<0.012	<0.012	<0.012	<0.012	<0.036								
SB-16	4-5'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.0091 J	<0.012	<0.012	<0.012	<0.012	<0.036								
SB-17	8'	6/26/12	<24	<24	<24	NA	NA	400	<24	<24	<24	<24	<73								
SB-18	6'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.066	<0.012	<0.012	<0.012	<0.012	<0.036								
SB-18	8'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.11	<0.012	<0.012	<0.012	<0.012	<0.036								
SB-19	8'	6/26/12	<0.012	<0.012	<0.012	NA	NA	0.016	<0.012	<0.012	<0.012	<0.012	<0.037								

ADT 8

DSCA ID No.: 32-0019

[illegible]



Surficial Soil Quality Map
New Method Laundry & Dry Cleaners
1201 W. Chapel Hill Street
Durham, NC
DSCA Site # 32-0019

URS CORPORATION - NORTH CAROLINA
TWO SOUTH EXECUTIVE PARK
6135 PARK SOUTH DRIVE, SUITE 300
DURHAM, NC 27706
TEL: (919) 322-0130
FAX: (919) 322-0053

URS



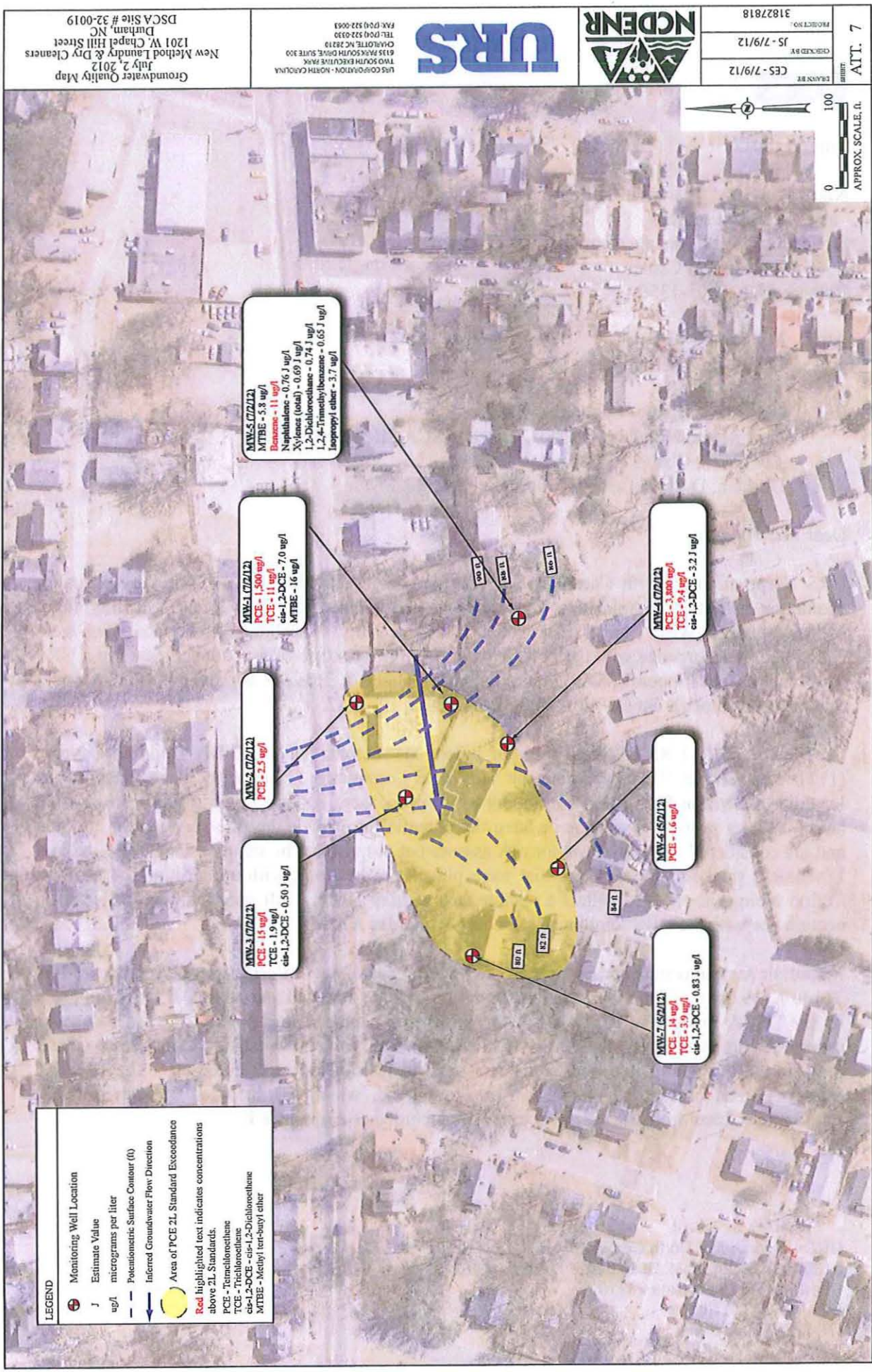
DATE: CES - 6/28/12
CHECKED BY: RUM - 6/28/12
PROJECT NO.: 31828520
SHEET: ATT. 2-1



Groundwater Surface Contour Map
 July 2, 2012
 New Method Laundry & Dry Cleaners
 1201 W. Chapel Hill Street
 Durham, NC
 DSCA Site # 32-0019

URS CORPORATION - NORTH CAROLINA
 6133 PASEO DRIVE, SUITE 300
 CHARLOTTE, NC 28210
 TEL: 704.522.0330
 FAX: 704.522.0063







June 11, 2012

North Carolina Department of Environment
and Natural Resources
Division of Waste Management – DSCA Program
1646 Mail Services Center
Raleigh, NC 27605-1350

Att: Ms. Dianne Thomas
DSCA Project Manager

Re: Indoor Air Quality Evaluation Results
New Method Laundry & Dry Cleaners DSCA Site ID #32-0019
1201 West Chapel Hill Street
Durham, Durham County, North Carolina

Dear Ms. Thomas:

URS Corporation – North Carolina (URS) is pleased to provide the results of the air quality evaluation activities completed at the New Method Laundry & Dry Cleaners facility (site) located at 1201 West Chapel Hill Street, Durham, North Carolina. These activities were completed in accordance with the objectives defined in the scope of work documented in a URS Assessment Cost Proposal (ACP) submittal, dated March 8, 2012, as approved by DSCA under State Lead Authorization for Work 002, dated March 12, 2012.

On May 5, 2012, URS collected 24-hour indoor air samples in the All My Children Daycare (1121 West Chapel Hill Street) and the West End Community Center (705 Kent Street) at the locations shown on **Figure 1**. The indoor air samples were collected over a time period of 24 hours, as both properties provide or have the potential to provide daycare services for children and are considered residential use for risk assessment purposes. The samples were collected in 6 L stainless steel summa canisters that were placed on the floor, with an additional 4 to 5' of Teflon tubing, in order to collect a sample at breathing height. All samples were collected in accordance with the URS sampling protocols (**Appendix A**).

Indoor air sample results and property owner and tenant contact information are summarized on **Table 1**. A copy of the laboratory analytical reports are attached (**Appendix B**). As indicated on the DSCA Indoor Air Risk Calculator Worksheets included in **Appendix C**, the indoor air sample results from inside the All My Children Daycare and the West End Community Center indicate that the cumulative indoor air risk at each facility is less than 1E-06. The Building Survey Forms, provided by DSCA, were completed, which are included in **Appendix D**. Photographs taken from the sampling event are included as **Appendix E**.

URS Corporation – North Carolina
6135 Park South Drive, Suite 300
Charlotte, North Carolina 28210
(704) 522-0330 Phone
(704) 522-0063 Fax



Ms. Dianne Thomas
New Method Laundry & Dry Cleaners - #32-0019
June 11, 2012
Page 2 of 2

If you have any questions or require additional information, please do not hesitate to call either Rob MacWilliams at 704-522-0330 or Carlin Slusher at 919-461-1341.

Sincerely,

URS CORPORATION-NORTH CAROLINA

A handwritten signature in blue ink, appearing to read "Carlin E. Slusher".

Carlin E. Slusher
Environmental Scientist

A handwritten signature in blue ink, appearing to read "Robert H. MacWilliams".

Robert H. MacWilliams, PG
Program Manager

Enclosures
cc: Project File (hard copy)

100

100

100

100

100

100

TABLES

ADT 5

[illegible]

¹ Indicate "F" for former or current dry-cleaning facility, "AD" for adjacent space, "R" for residence, "C" for commercial not adjacent space. If sample was taken outdoors, leave blank.

² Indicate "SU" for summa canister, "FC" for flux chambers, "T" for tedlar bags, "P" for passive samplers, "O" for other.

³ Indicate "8h" for 8-hour, "24h" for 24-hour, "G" for grab sample, for other hours indicate the number of hours followed by "h" or "d" for days.

Table 1(2): Additional Data for Indoor and Outdoor Air

ADT 5(2)

DSCA ID No.:

Is dry-cleaning facility at the site: ☐ Operating ☐ Pick-up Only ☒ AbandonedIf facility is operating, solvents used are: ☐ Perc ☐ Petroleum ☐ Green Earth ☐ Other

For the active or former dry-cleaning space, describe the type and location of the air handling/HVAC unit (for example - a shared unit supplying two adjacent spaces; unit located on the roof):

For the former dry-cleaning space, the HVAC unit is located on the roof.

For any other indoor spaces tested, describe the type and location of the air handling/HVAC unit (for example - a shared unit supplying two adjacent spaces; unit located on the roof):

For the All My Children Daycare, which is located to the east of the former dry-cleaner, the HVAC unit is located behind (or south) of the daycare. For the West End Community Center, which is located to the south of the former dry-cleaner, the HVAC unit is located on top of the roof.

For any indoor air spaces tested, describe the current use of the space (for example - an ABC liquor store adjacent to the dry-cleaner, a residence approximately 200 feet from the dry-cleaner, etc.):

The All My Children Daycare, which is located 20 feet east of the former dry-cleaner, is currently used as a daycare center for pre-Kindergarten children and considered as a "residence" due to the use of the facility. The West End Community Center, which is located 50 feet to the south of the former dry-cleaner, is currently used as a community center and considered as a "residence" due to the use of the facility.

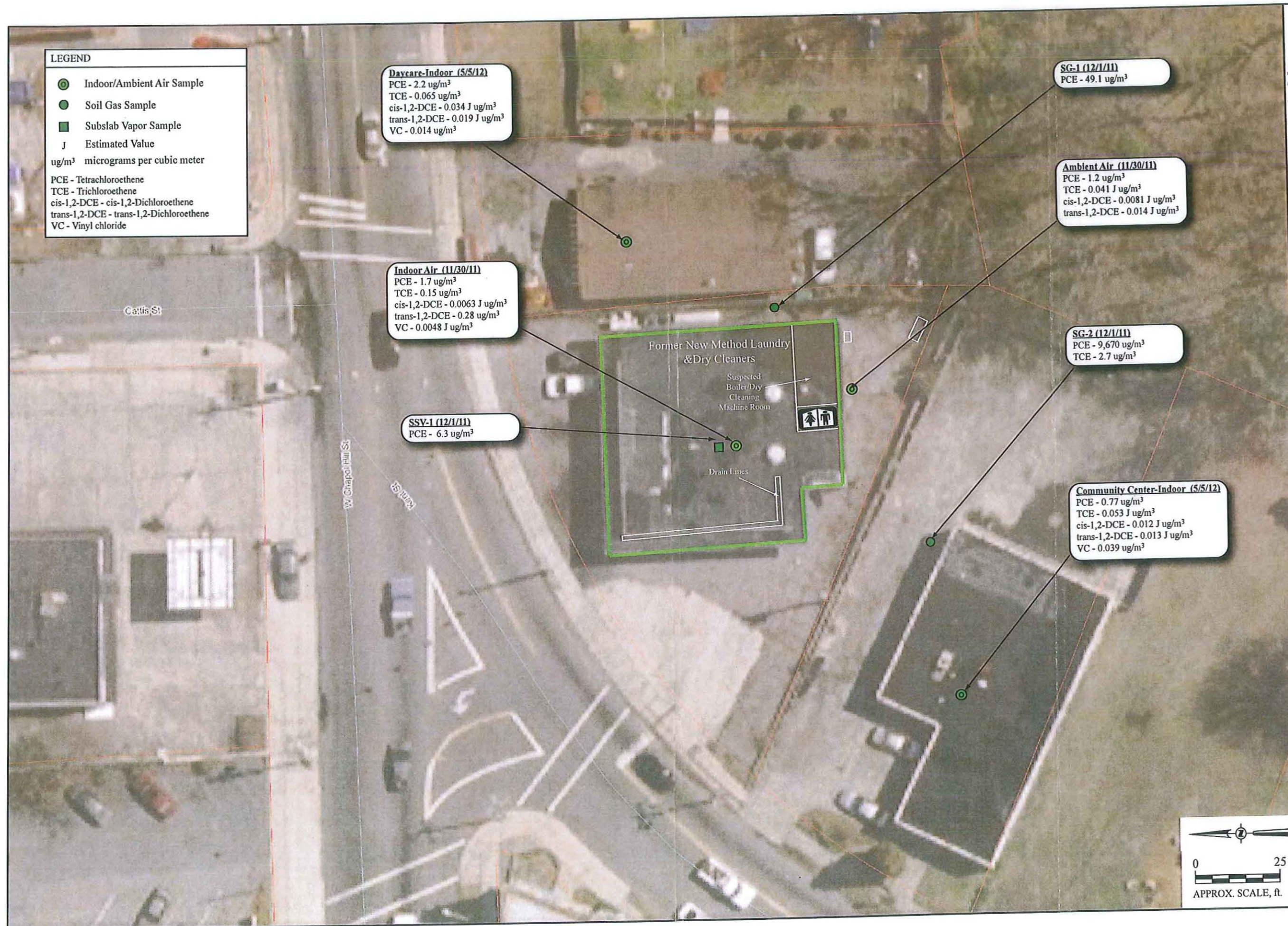
Attachment:

Sampling location map that indicates where all indoor air samples were collected. The map should clearly indicate the names/types of businesses and residence names sampled and in the vicinity of the subject site that may be of concern.

ADT 5(3)

[illegible][illegible]

FIGURES



Air Quality Results Map
New Method Laundry & Dry Cleaners
1201 W. Chapel Hill Street
Durham, NC
DSCA Site # 32-0019

URS CORPORATION - NORTH CAROLINA
TWO SOUTH EXECUTIVE PARK
6135 PARK SOUTH DRIVE, SUITE 300
CHARLOTTE, NC 28210
TEL: (704) 522-0330
FAX: (704) 522-0063

URS



DRAWN BY: CES - 5/31/12

CHECKED BY: SJC - 5/31/12

PROJECT NO.: 31828520

SHEET:

Figure 1

APPENDIX E



GRID NORTH

SCALE 1" = 500' (1 : 6,000)

0 500 1000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0821K

FIRM FLOOD INSURANCE RATE MAP NORTH CAROLINA

PANEL 0821

(SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY

DURHAM, CITY OF
DURHAM COUNTY

CID No.

370085
370085

PANEL

0821
0821

SUFFIX

K
K

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP REVISED
AUGUST 2, 2007

MAP NUMBER
3720082100K



State of North Carolina
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



U.S. Fish and Wildlife Service

National Wetlands Inventory

705 Kent St.

Aug 7, 2012



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:



1959

North

Subject Property



1964

North

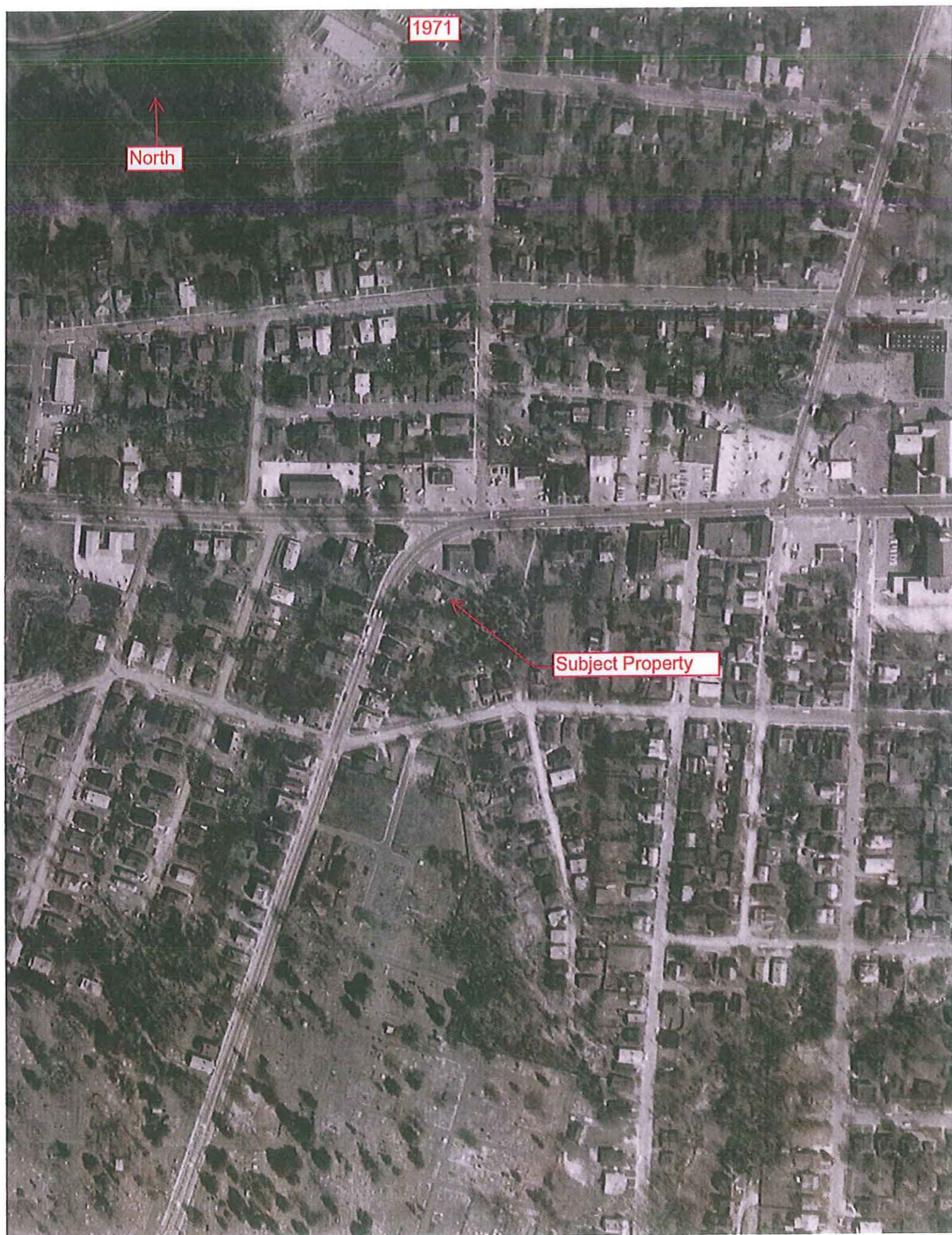
Subject Property

1966

North

Subject Property

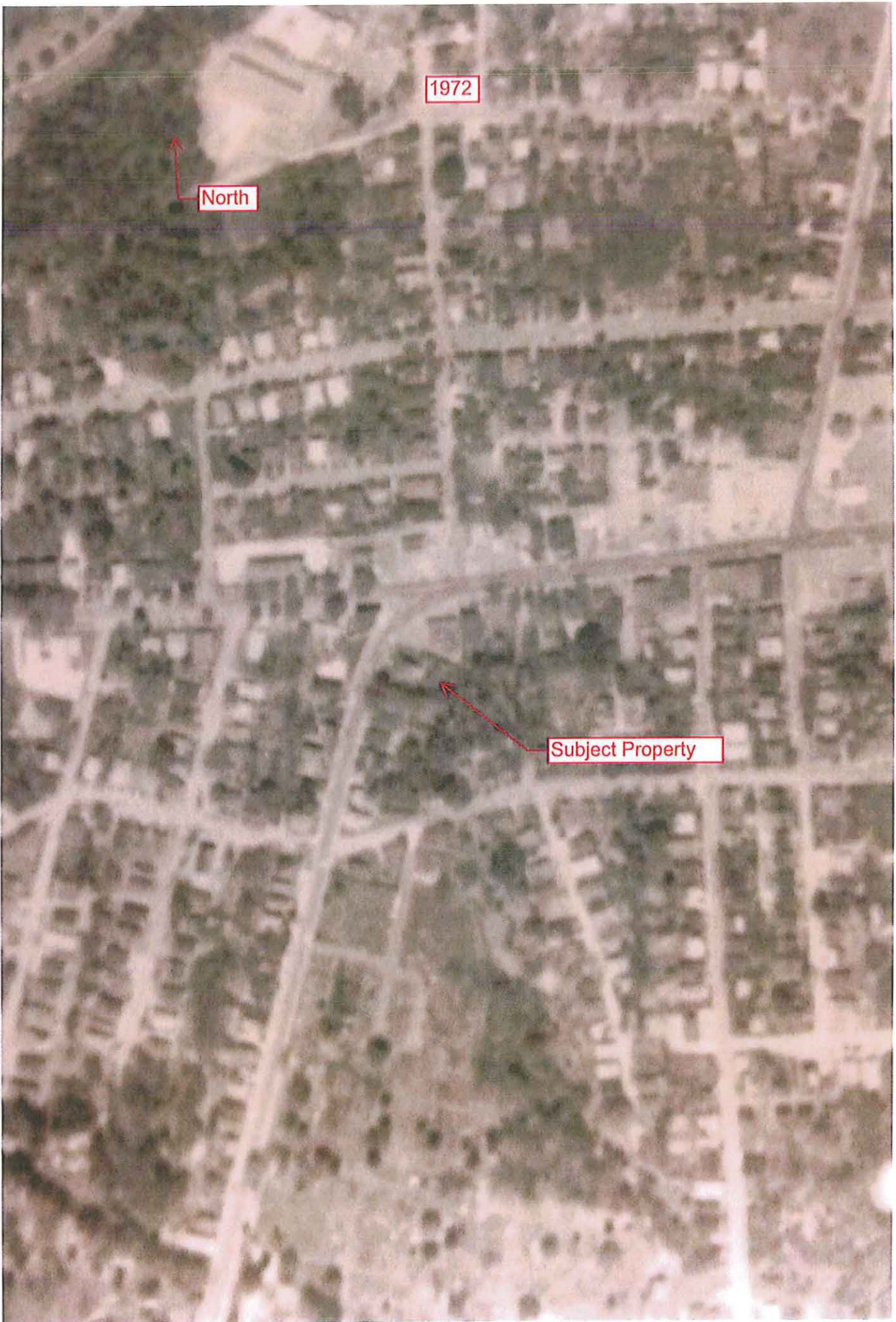




1971

North

Subject Property



1972

North

Subject Property



1978

North

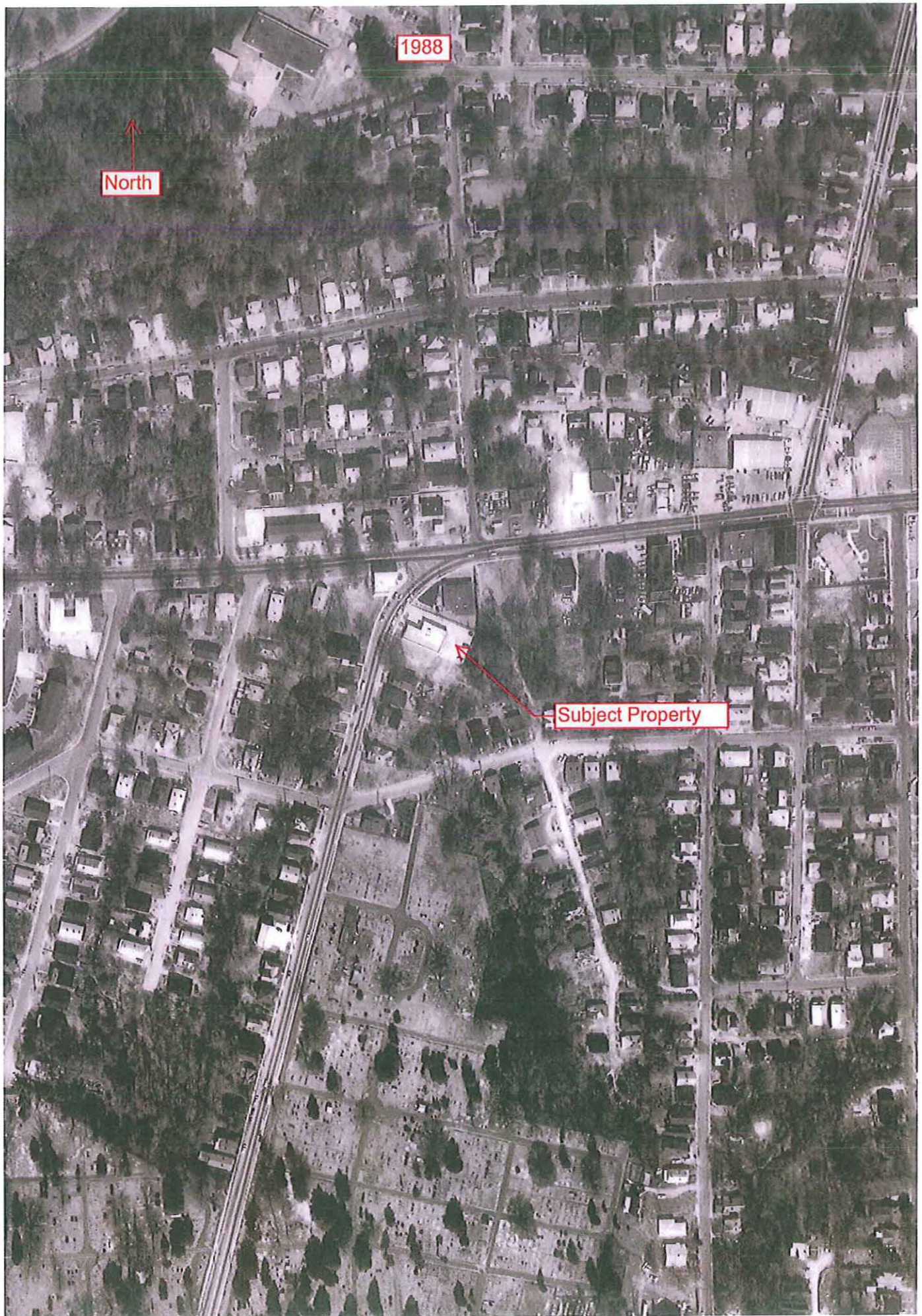
Subject Property



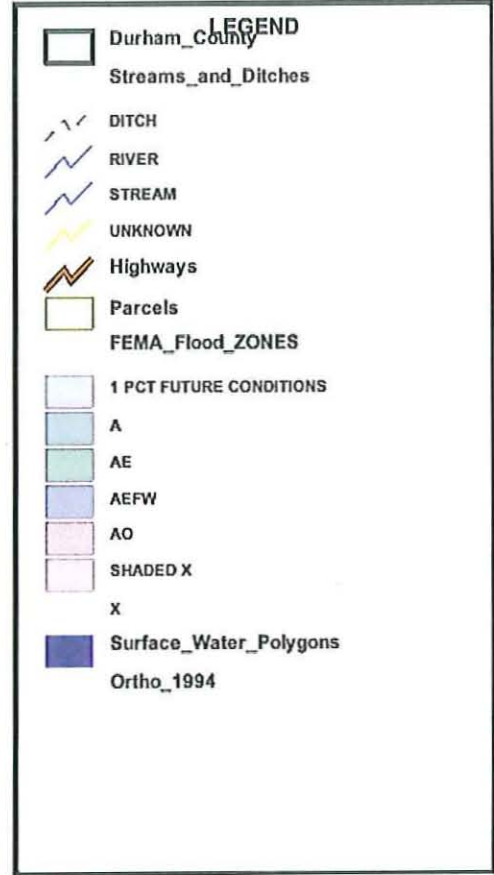
1980

North

Subject Property



1994 Aerial



Wednesday, August 8 2012



1999 Aerial



LEGEND

Durham_County

Streams_and_Ditches

DITCH

RIVER

STREAM

UNKNOWN

Highways

Parcels

FEMA_Flood_ZONES

1 PCT FUTURE CONDITIONS

A

AE

AEFW

AO

SHADED X

X

Surface_Water_Polygons

Ortho_1999

Wednesday, August 8 2012



2005 Aerial



Durham_County

Streams_and_Ditches

DITCH

RIVER

STREAM

UNKNOWN

Highways

Parcels

FEMA_Flood_ZONES

1 PCT FUTURE CONDITIONS

A

AE

AEFW

AO

SHADED X

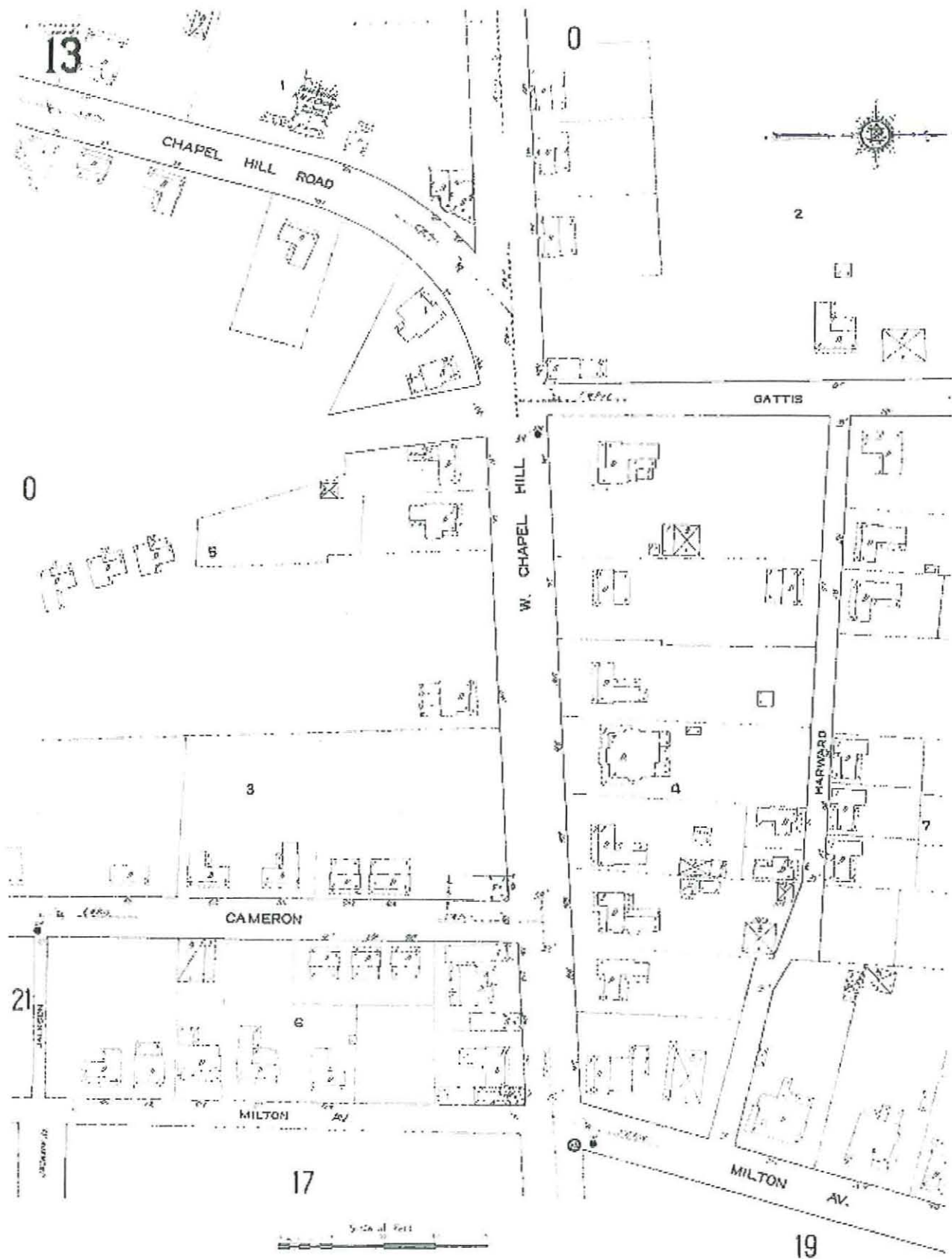
X

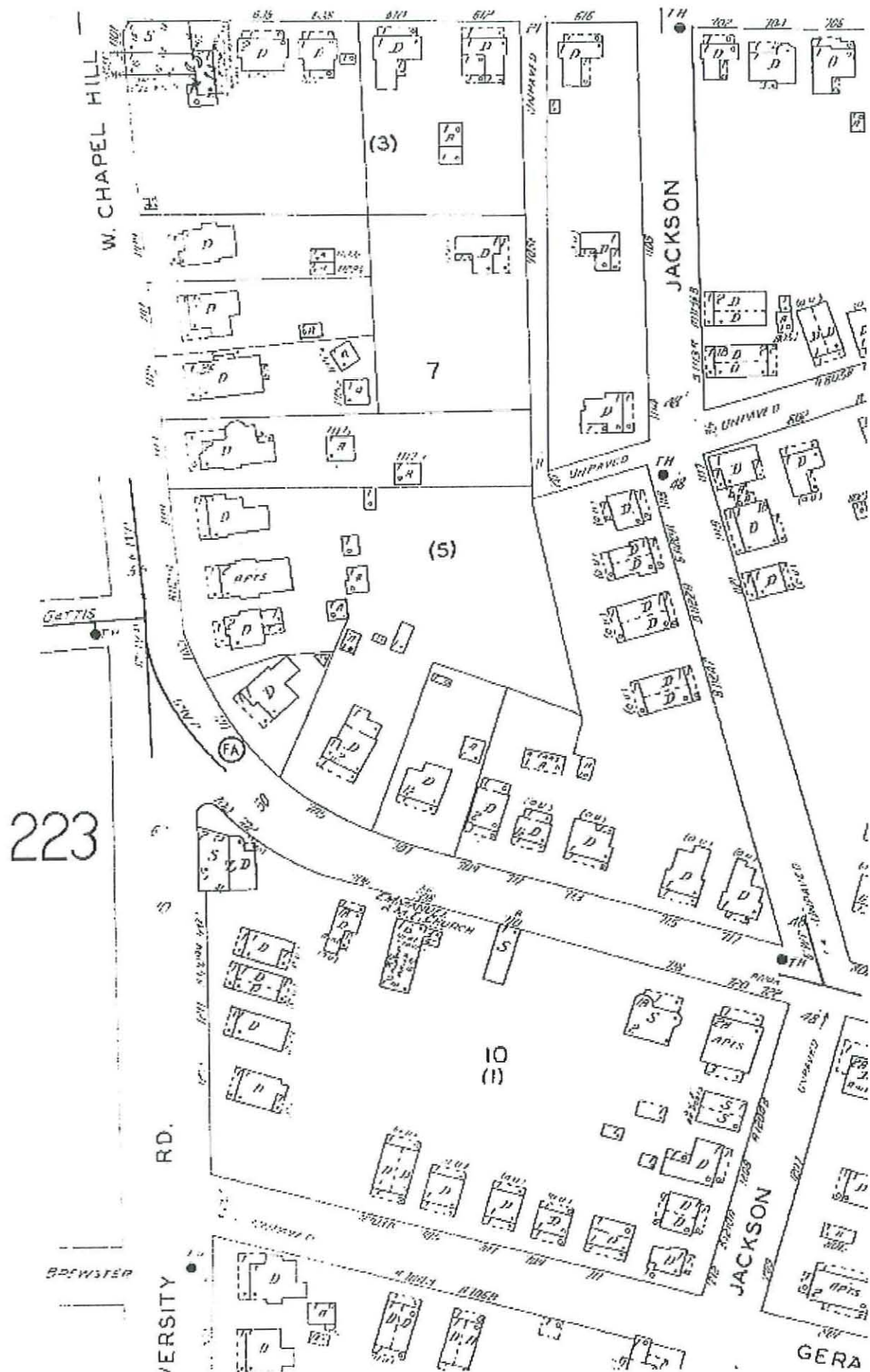
Surface_Water_Polygons

Ortho_2005

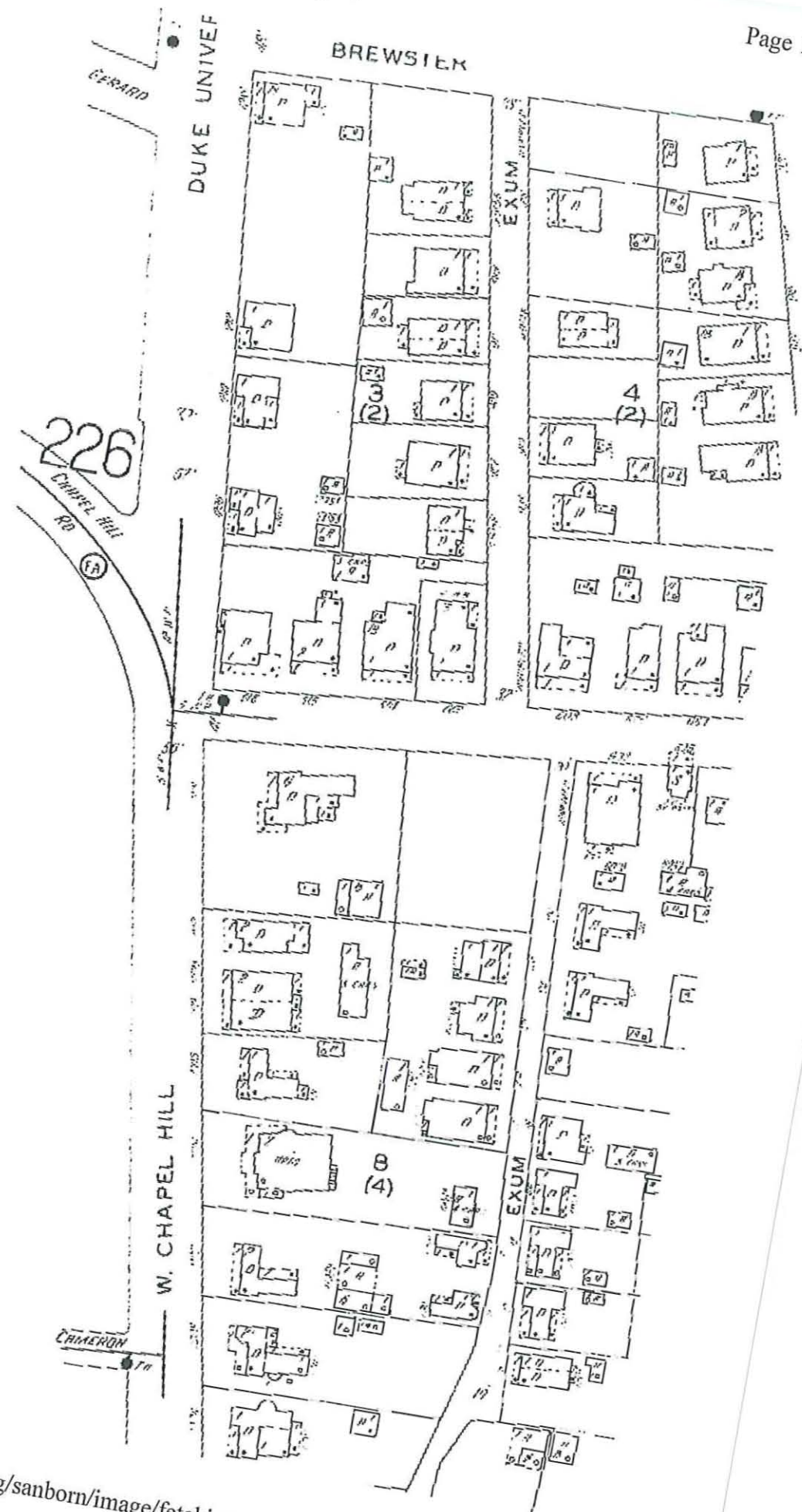
Wednesday, August 8 2012



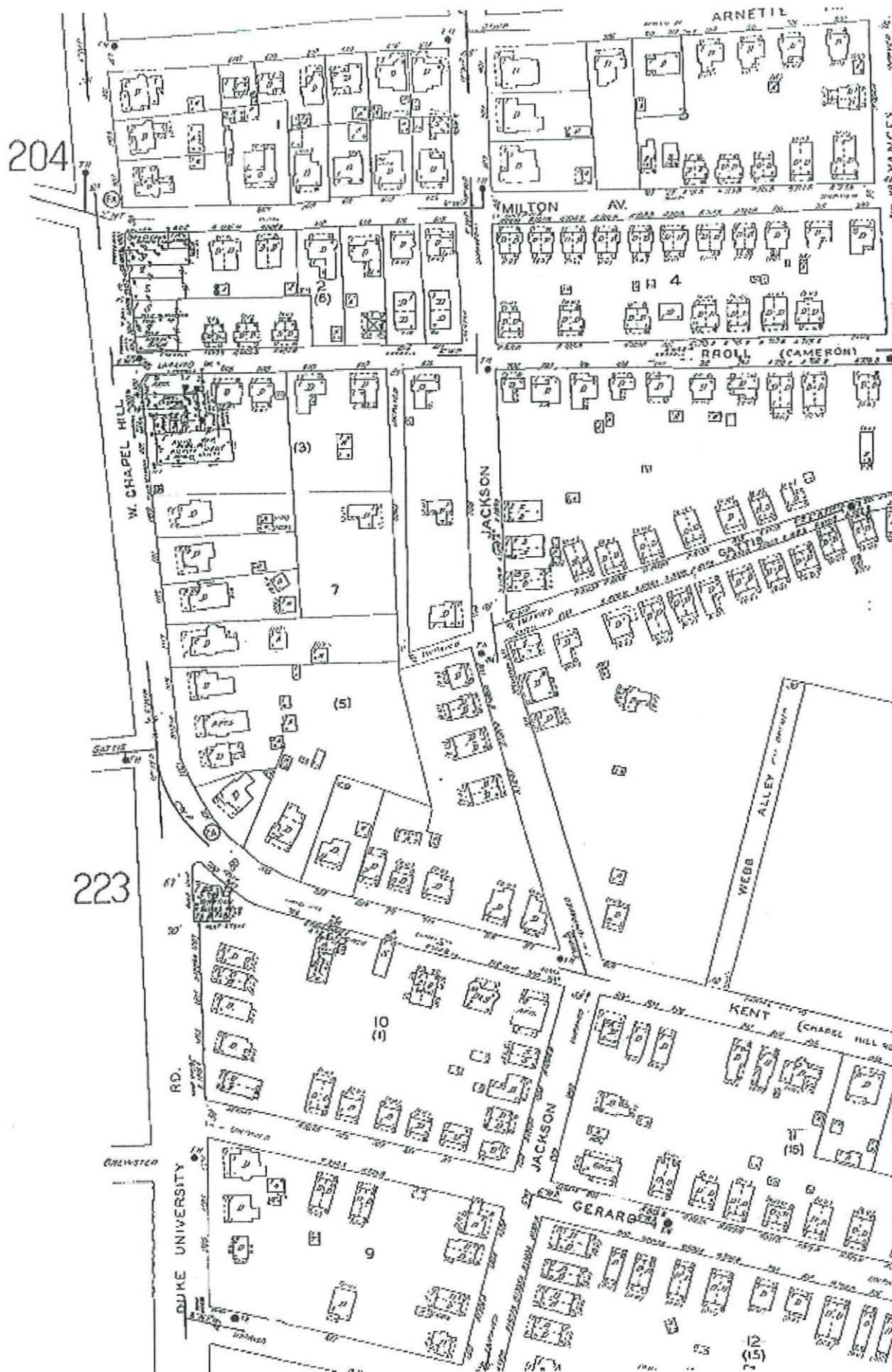




1937

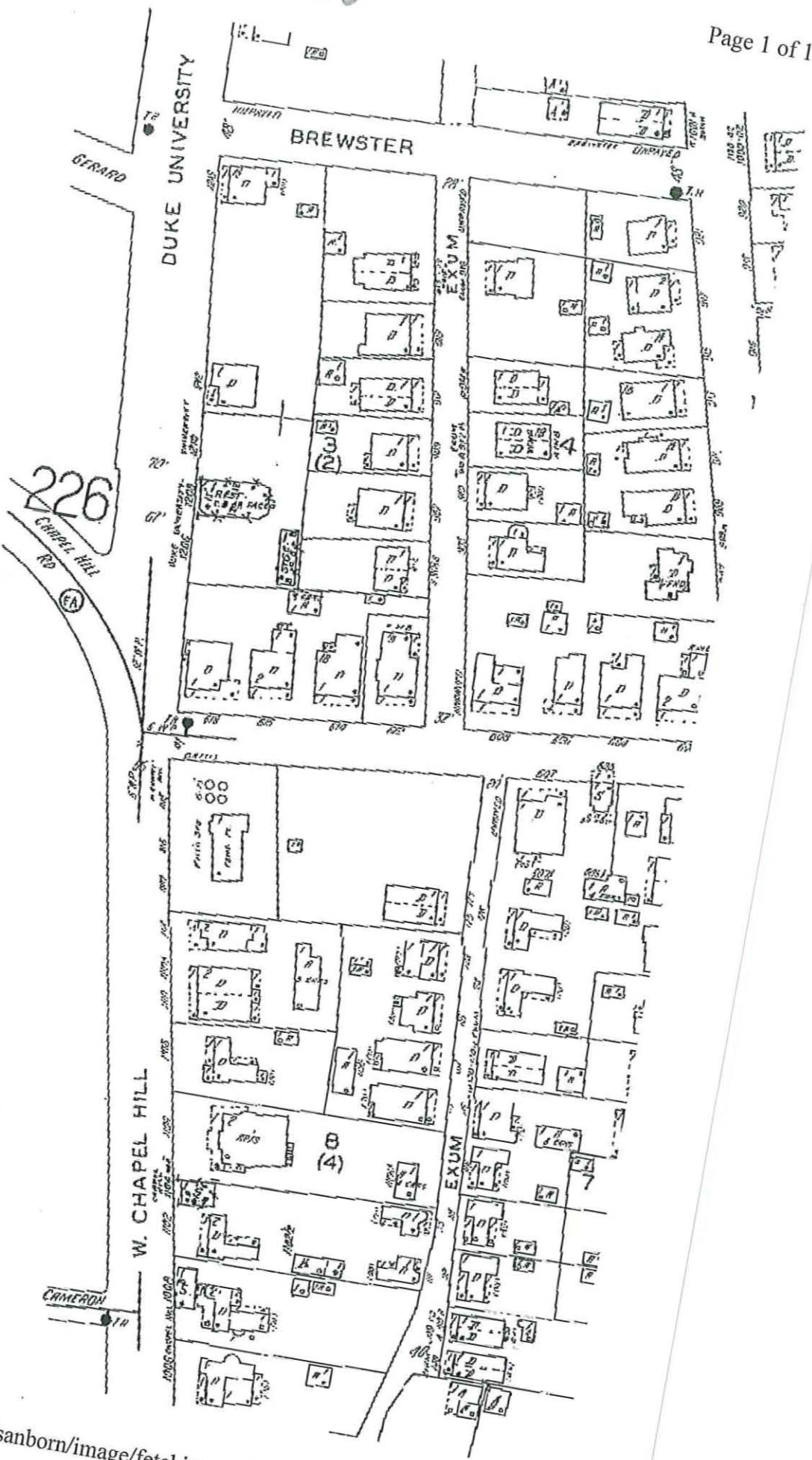


1950



1930

23



APPENDIX F



TAX ADMINISTRATION PROPERTY REPORT

[Property Details](#) [Sales](#) [Map](#)

Property Owner	Owner's Mailing Address	Property Location Address
WEST END COMMUNITY CENTER INC	1309 JACKSON ST DURHAM, NC 27701	705 KENT ST

Administrative Data	Administrative Data	Valuation Information
Parcel Ref No. 114015 PIN 0821-06-47-3524 Account No. 0040974 Tax District CNTY-DRHM/CITY-DRHM Land Use Code 690 Land Use Desc CMNTY SVC/ MISC Subdiv Code 0000 Subdiv Desc N/A - NO SUBDIVISION Neighborhood 076BJ	Legal Desc PROP-WEST END COMMUNITY C ENTER Deed Bk/Pg 002715 / 000750 Plat Bk/Pg 000002 / 000092 Sales Information Only Sales Data After January 1, 2006 Is Displayed Grantor Sold Date 0--0 Sold Amount \$ 0	Assessed Value (Jan 1 2012)\$ 254,839 <small>This ad valorem appraisal represents assessors' opinion of market value, defined by NCGS 105-283, retrospective to January 1, 2008, which is the effective date of the county's most current General Reappraisal.</small>

Improvement Detail	
<small>(1st Major Improvement on Subject Parcel)</small>	
Year Built	1979
Built Use/Style	RETAIL STORES
Current Use	RETAIL STORES
* Percent Complete	100
Heated Area (S/F)	3,695
** Bathroom(s)	0 Full Bath(s) 0 Half Bath(s)
** Bedroom(s)	0
Fireplace (Y/N)	N
Basement (Y/N)	N
Attached Garage (Y/N)	N
Multiple Improvements	001
<small>* Note - As of January 1 ** Note - Bathroom(s), Bedroom(s), shown for description only</small>	

Land Supplemental	
Map Acres	0.281
Tax District Note	
Present-Use Info	



Improvement Valuation (1st Major Improvement on Subject Parcel)	
Improvement Assessed Value \$	200,878

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 \$
53,961	53,961	53,961

** Note: If PUV equal LMV then parcel has not qualified for present use program

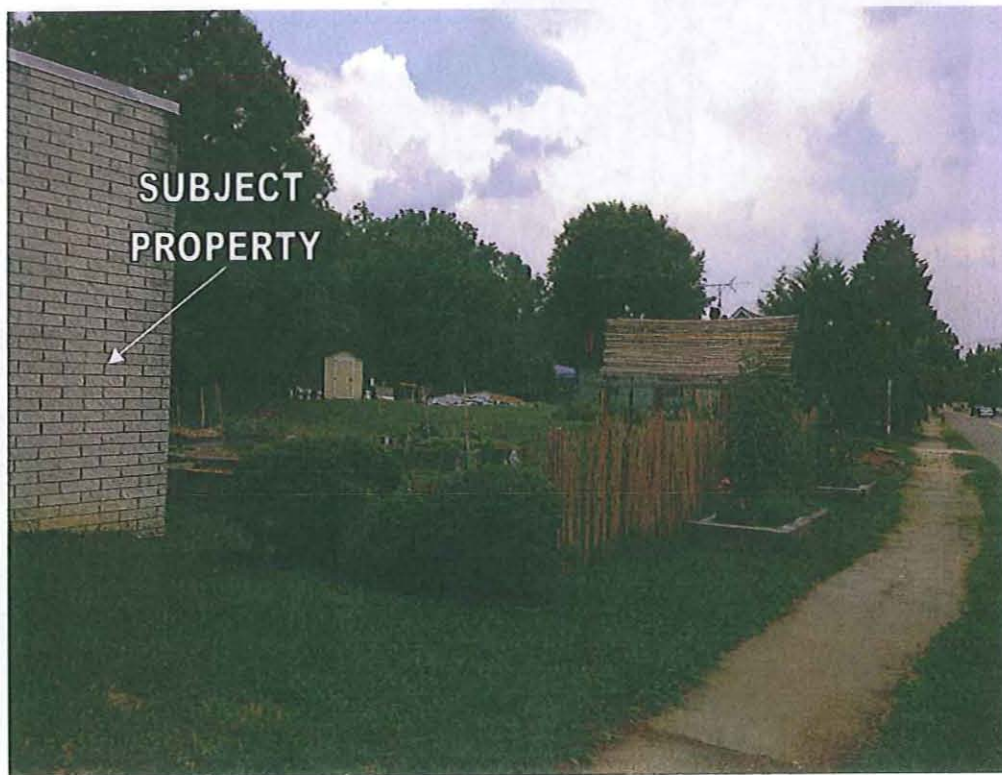
Data Disclaimer: All data shown here is from other primary data sources and is public information. Users of this data are hereby notified that the aforementioned public information sources should be consulted for verification of the information contained on this website. While efforts have been made 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

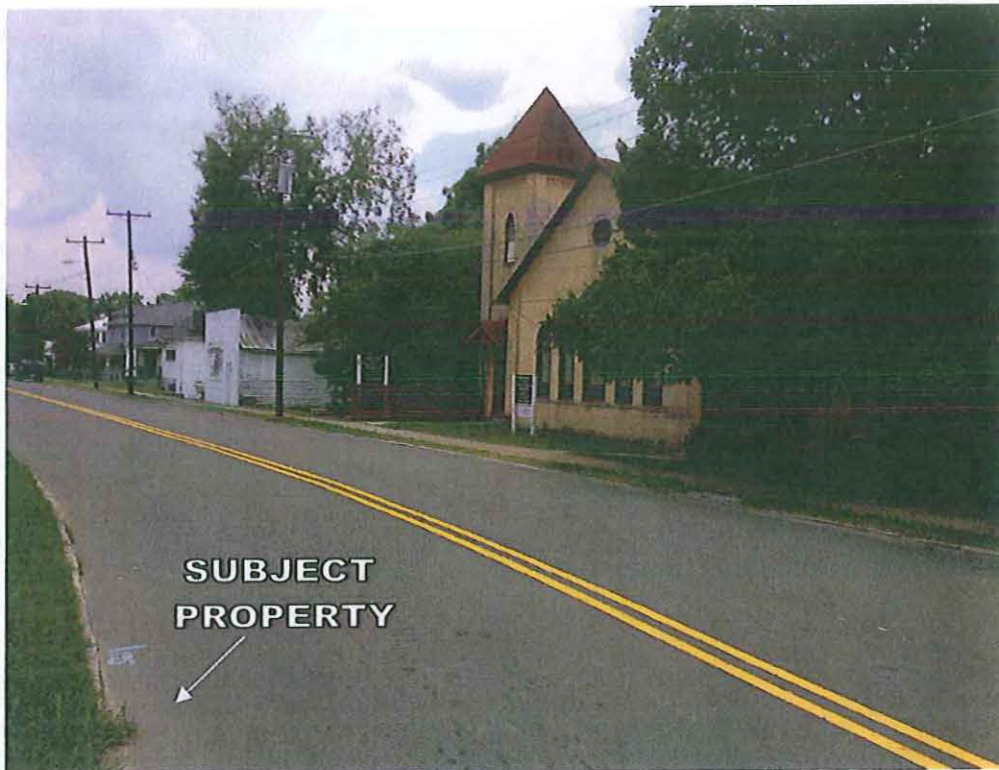
APPENDIX G



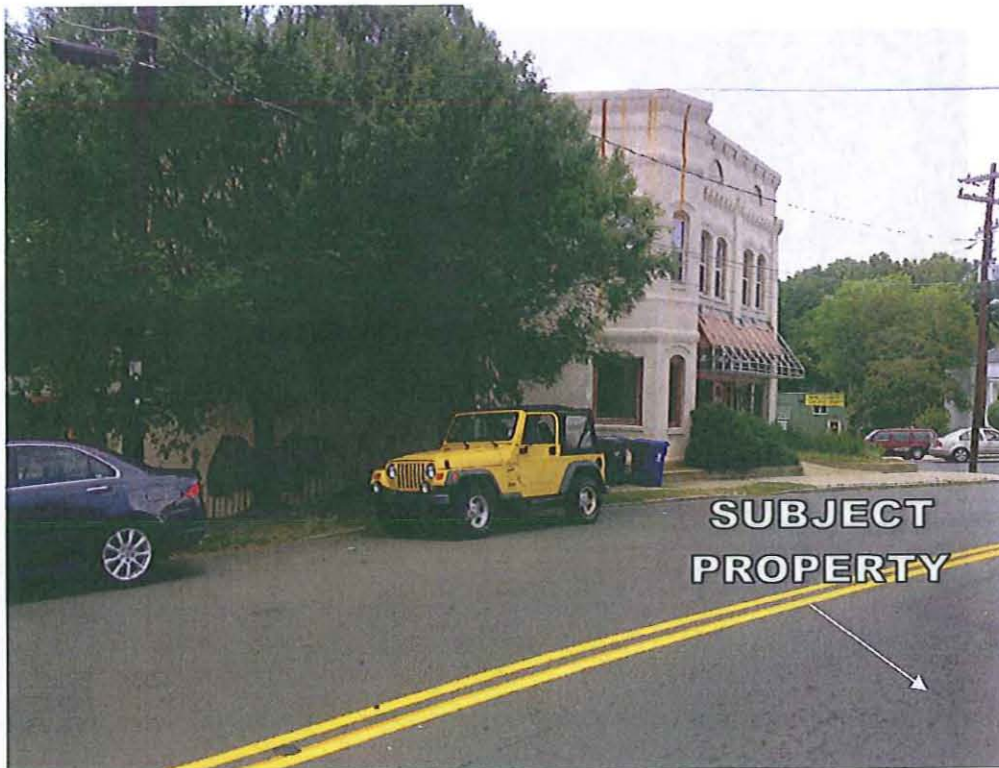
Subject Property; Looking East Across Kent Street



Community Garden on adjacent property to the South; Looking South



Church and residences along Kent St.; Looking South Along Kent St.



Office Building to the West Across Kent St.



Intersection of W. Chapel Hill St. and Kent St.; Looking Northeast



Former Dry Cleaners and current church north of Subject Property



Vacant Lot East of Subject Property; Looking East



Community Garden South of Subject Property



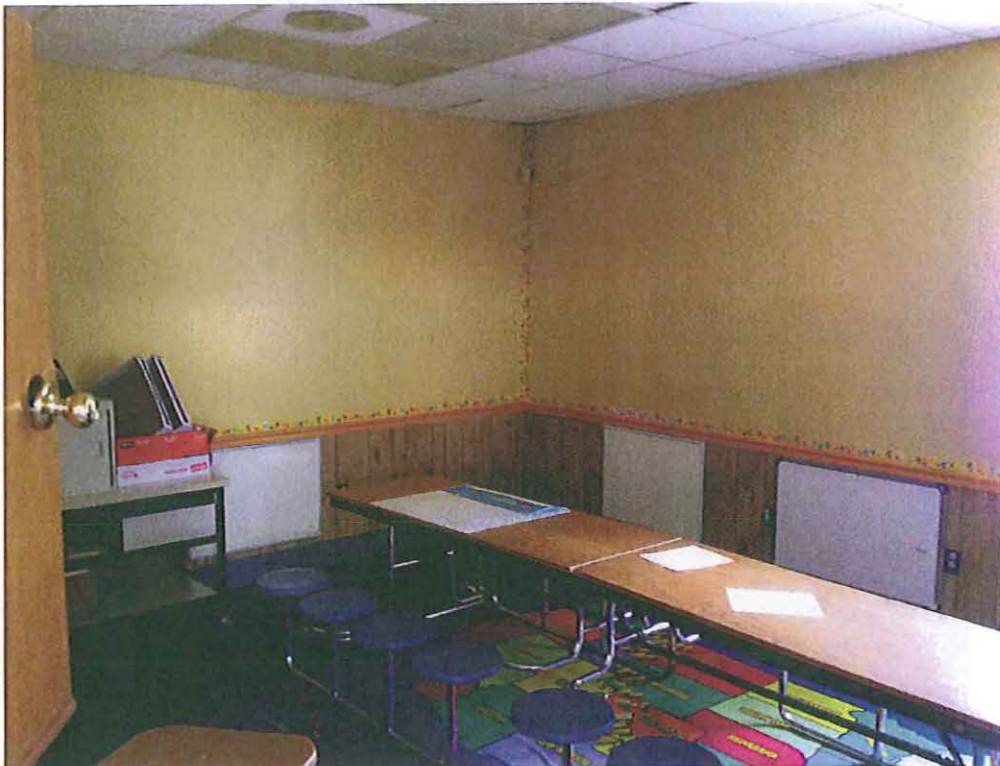
Rear of Main Building on Subject Property; Looking West From Southern End of Subject Property



Rear Portion and Northern side of Main Building; Looking West



Former Dry Cleaners, Suspected PCE Source; Looking North



Classroom in Building Interior;



Main Hall in Building Interior



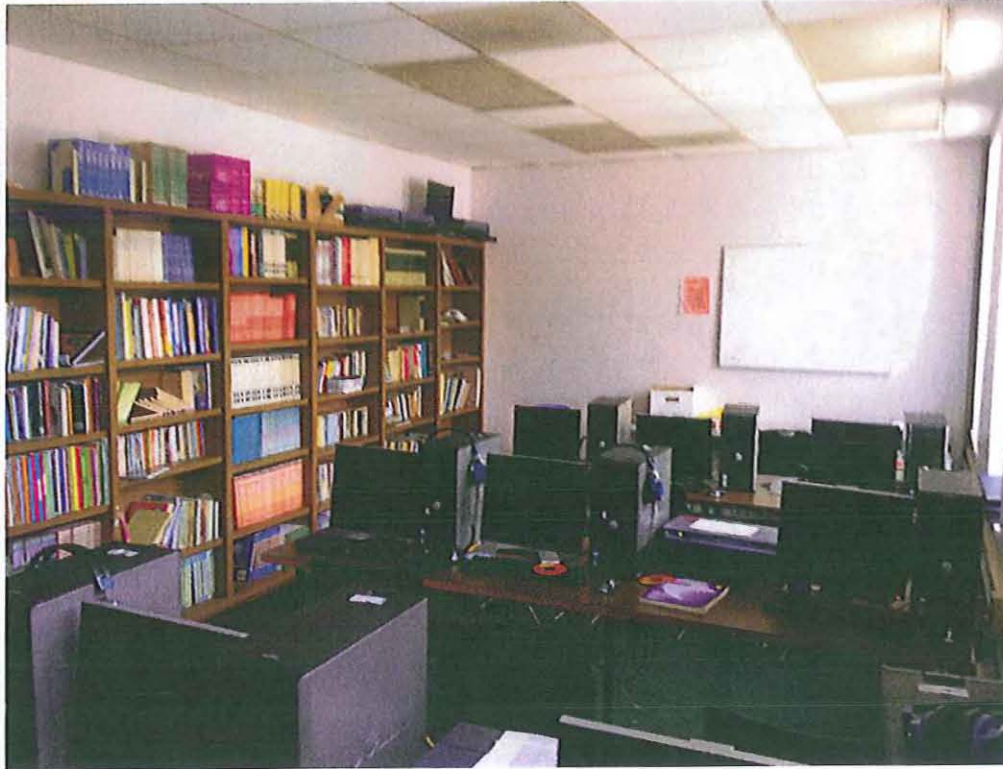
Supply Room in Building Interior



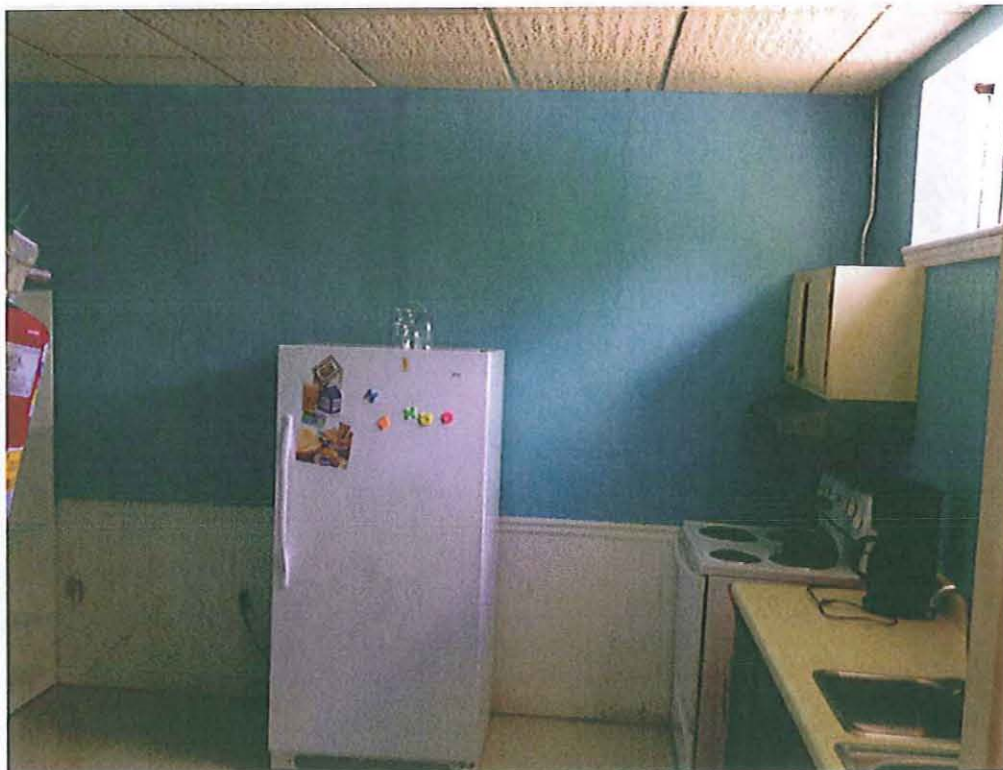
Typical Office Space in Building Interior



Classroom in Building Interior



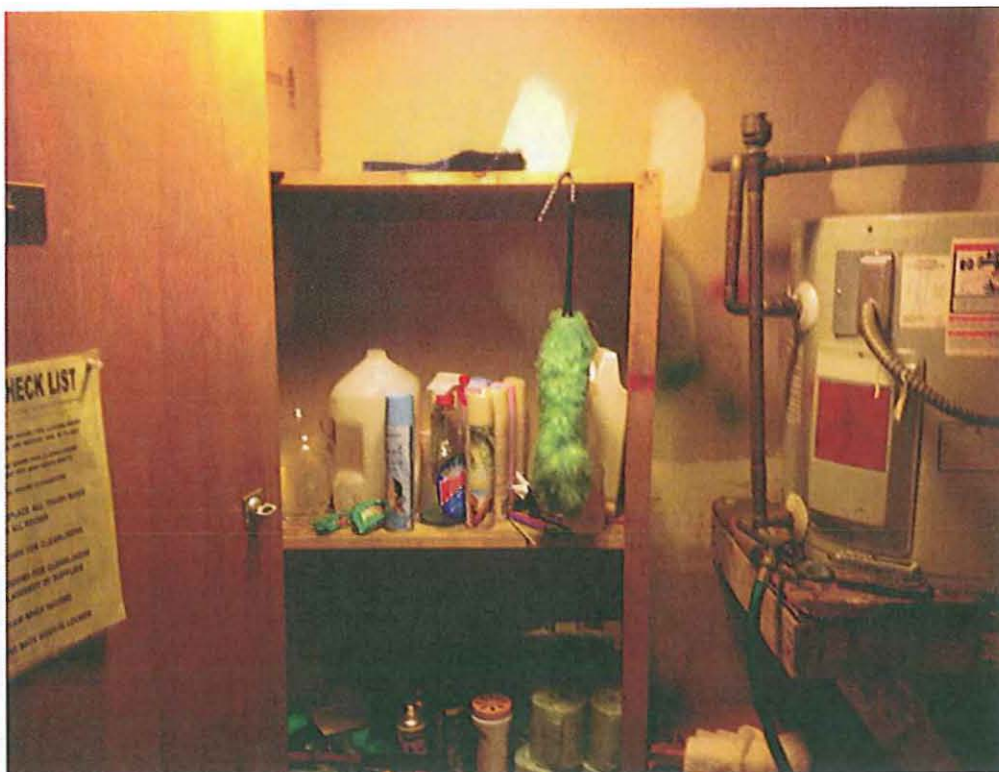
Computer Room in Building Interior



Kitchen in Building Interior



Typical Bathroom in Building Interior



Cleaning Supply Closet and Electric Water Heater in Building Interior



Natural Gas HVAC Unit in Building Interior

APPENDIX H



Telephone Conversation

TerraQuest Environmental Consultants, P.C.

100 East Ruffin Street

Mebane, NC 27302

Phone: (919) 563-9091

Fax: (919) 563-9095

Spoke with: Juanita McNeil

Of: Property Owner/Tenant

Phone: 919-401-3912

Date: 6/22/12

Re: Property Owner Interview for West End
Community Center Inc.

Juanita McNeil, the property owner representative/tenant, was interviewed during the site visit on June 22, 2012 and accompanied Terraquest personnel during the inspection of the subject property. Terraquest personnel asked her general questions from the E1528-00 Transaction Screen Questionnaire and site specific questions about potential RECs, HRECs, and de minimus conditions. Mrs. McNeil had an excellent recollection of the property's and surrounding properties' uses during West Community Center, Inc.'s tenure of ownership and did not identified any RECs or HRECs on the West End property that are currently occurring or have occurred in the past.

West End Community Center, Inc. has owned the 705 Kent St. since 1999 and used the building as a community center since the purchase. The community center provides day camps and after-school programs for children and a meeting and knowledge center for the local community. She is responsible for the day-to-day operations at the community center and is at the property daily. She has lived in the area since she was thirteen years old and remembers the former residence on the West End property and the construction of the current building. The building was built by Clarence Malone Sr. as an office for his law practice.

Jonathan R. Grubbs
TerraQuest Environmental Consultants, P.C.
100 East Ruffin Street
Mebane, NC



Telephone Conversation

TerraQuest Environmental Consultants, P.C.

100 East Ruffin Street

Mebane, NC 27302

Phone: (919) 563-9091

Fax: (919) 563-9095

Spoke with: Wayne Randolph **Of:** NCDWM-UST Raleigh Regional Office

Phone: 919-791-4200 **Date:** 7/24/12

Re: 705 Kent St. and Identified LUST and UST **CC:** file
sites on nearby properties

Terraquest spoke with Wayne Randolph of the NCDWM-UST Raleigh Regional Office about possible release incidents on the subject or surrounding properties. Mr. Randolph said no release incidents have been reported for the West End property. He confirmed that the LUST release incident identified during the record search at the W. Chapel Hill St. BP (1118 W. Chapel Hill St. and NCDENR Incident # 26241) is currently an active incident with ongoing assessment and remediation. The timeline for the incident closure is unknown at this time. He also confirmed the LUST incident #39049 at the University Market (1108 W. Chapel Hill St.) and LUST incident #3285 at the Burtons Auto Clinic (1105 W. Chapel Hill St.) have been closed out. The LUST incident #5882 at the former Pollards Exxon (906 W. Chapel Hill St.) is an active incident with ongoing assessment and remediation. The timeline for the incident closure is unknown at this time.

Jonathan R. Grubbs
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100 East Ruffin Street
Mebane, NC



Telephone Conversation

TerraQuest Environmental Consultants, P.C.

100 East Ruffin Street

Mebane, NC 27302

Phone: (919) 563-9091

Fax: (919) 563-9095

Spoke with: Dianne Thomas

Of: NCDWM DSCA

Phone: 919-707-8362

Date: 7/20/12

Re: 1121 W. Chapel Hill St. New Method

CC: file

Laundry & Dry Cleaners DSCA Incident

Terraquest spoke with Dianne Thomas of the NCDWM-DSCA program about dry cleaning solvent release incident 32-0019 on the adjacent property to the west at 1201 W. Chapel Hill St. Mrs. Thomas said chlorinated solvents were discovered in the soils and groundwater surrounding a UST located behind the main building on the 1201 W. Chapel Hill St. property. The source of the chlorinated solvents are believed to be associated with the former New Method Dry Laundry & Dry Cleaners (New Method) located at the property. After the release discovery, the current property owners made application and were accepted into the DCSA program in September 2011. Assessment of the chlorinated solvent incident began in November 2011 with the installation of shallow groundwater monitoring wells, soil borings in the vicinity of the UST, and sub-slab, soil-gas, indoor/ambient vapor samples. Further assessment included the addition of two groundwater monitoring wells, indoor air samples of the 1121 parcel at the All My Children Day Care and the West End Community Center at 705 West Kent St., and additional soil sample collection on the 1121 parcel, the 1201 W. Chapel Hill St. property, the 705 Kent St. property, and the Self-Help Ventures property south of the 1121 parcel.

Dianne Thomas said future assessment activities associated with the release incident include 1) installation of a downgradient monitoring well; 2) excavation of the current UST on the 1201 W. Chapel Hill St. property and chlorinated solvent-impacted soils from the 1201 W. Chapel Hill St. and Self-Help Ventures property; 3) a soil-vapor gas sample from residences along Jackson Street to the south; and 4) closure of the release incident.

Mrs. Thomas said she would email me copies of the Analytical Data Table Report and Indoor Air Quality Evaluation Results

Jonathan R. Grubbs
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100 East Ruffin Street
Mebane, NC



Telephone Conversation

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100 East Ruffin Street

Mebane, NC 27302

Phone: (919) 563-9091

Fax: (919) 563-9095

Spoke with: Carlin Slusher

Of: URS Corporation

Phone: 919-461-1100

Date: 7/23/12

Re: 1121 W. Chapel Hill St. New Method

CC: file

Laundry & Dry Cleaners DSCA Incident

Terraquest spoke with Carlin Slusher of the URS corporation the DSCA contractor who has completed the assessment activities associated with the New Method chlorinated solvent release incident. She reiterated the information provided by Dianne Thomas and the proposed future assessment and cleanup activities to be performed.

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Telephone Conversation

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Phone: (919) 563-9091

Fax: (919) 563-9095

Spoke with: Jody Morton

Of: Assistant Fire Marshall City of Durham

Fire Department

Phone:

Date: 7/30/12

Re: Fire or Spill Incidents for subject and
surrounding properties on Kent St. and W.
Chapel Hill St.

CC: file

Jody Morton of the City of Durham Fire Department was interviewed over the telephone about emergency response calls for the 705 Kent Street property. He checked the call database for the West End property and found no incident reports.

Jonathan R. Grubbs
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Mebane, NC