



## *WHITAKER LABORATORY, INC.*

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March 5, 2013

Report No. E13-042

The City of Beaufort

And

The Lawrence Group

Julie Orr Franklin, AICP | Senior Associate

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Re: Environmental Site Assessment Phase I  
Parcel Numbers 904, 937, 971 & 972  
The Beaufort Marina  
1006, 1010 & 1020 Bay Street  
Beaufort, Beaufort County, South Carolina

Dear Ms. Franklin:

We have completed the above subject study and are pleased to present this report with our findings and conclusions. This evaluation was performed to identify conditions that may impose an environmental liability or restrict the property's land use. Should any questions arise concerning the results of this report, or if we can be of further assistance, please contact us.

Respectfully submitted,  
WHITAKER LABORATORY, INC.

Joseph F. Whitaker, P.E.

**PHASE I  
ENVIRONMENTAL SITE ASSESSMENT  
CONDUCTED ON**

**Parcel Numbers 904, 937, 971 & 972  
The Beaufort Marina  
1006, 1010 & 1020 Bay Street  
Beaufort, Beaufort County, South Carolina**

**Report No. E13-042**

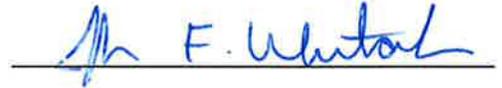
**For**

**The City of Beaufort**

**And**

**The Lawrence Group  
Julie Orr Franklin, AICP |Senior Associate  
Carolinas | Town Planning + Architecture**

**Joseph F. Whitaker, P.E.  
Project Manager**



**Donald Martin, Jr.  
Environmental Professional**



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**Date: March 5, 2013**

## **TABLE OF CONTENTS**

- 1.0 Executive Summary**
  - 1.1 Location**
  - 1.2 Environmental Commentary**
    - 1.2.1 On-Site**
    - 1.2.2 Off-Site**
  
- 2.0 Introduction**
  - 2.1 Purpose of Performing Phase I (ESA)**
  - 2.2 Procedures**
  - 2.3 Qualifications of Personnel / AAI Certification**
  - 2.4 Limitations**
  - 2.5 User Reliance**
  - 2.6 Signature of Qualified PE**
  
- 3.0 Site Setting**
  - 3.1 General Description**
  - 3.2 Hydrology**
    - 3.2.1 Geologic Setting**
    - 3.2.2 Surface Drainage / Surface Waters**
    - 3.2.3 Flood plains / Floodways**
    - 3.2.4 Groundwater**
  - 3.3 Wetlands**
  
- 4.0 Regulatory Information**
  - 4.1 Agency Data Review**
  - 4.2 Agency Contacts**
  - 4.3 Site Specific Interviews / Site Questionnaire**
    - 4.3.1 Site Owner**
    - 4.3.2 Site Manager**
    - 4.3.3 Site Occupant**
    - 4.3.4 Local / State Government Contacts**
    - 4.3.5 Additional Interviews (Others)**
  - 4.4 Specialized Knowledge**
  - 4.5 Environmental Liens**
  - 4.6 Valuation Reduction for Environmental Issues**
  
- 5.0 Site Information and Use**
  - 5.1 Current Site Use**
    - 5.1.1 Storage Tanks**
    - 5.1.2 Hazardous Petroleum Products Containers /Drums**
    - 5.1.3 Heating and Cooling**
    - 5.1.4 Solid Waste**
    - 5.1.5 Sewage Disposal / Septic Tanks**

## **TABLE OF CONTENTS CONTINUED**

- 5.1.6 Hydraulic Equipment**
- 5.1.7 Contracted Maintenance Services**
- 5.1.8 Electrical Transformers / PCB's**
- 5.1.9 Water Supply and Wells**
- 5.1.10 Drains and Sumps**
- 5.1.11 Pits, Ponds, Lagoons**
- 5.1.12 Surface Waters / State Waters**
- 5.1.13 Stressed Vegetation**
- 5.1.14 Odors**
- 5.1.15 Utilities**
- 5.1.16 Chemical Use**
- 5.1.17 Water Leaks / Mold**
- 5.1.18 Asbestos**
- 5.1.19 Lead Based Paint**
- 5.1.20 Radon**
- 5.1.21 Lead in Drinking Water**
- 5.1.22 PCB's**
- 5.1.23 Site Investigation (Target Property)**
  
- 5.2 Past Site Use**
  - 5.2.1 Data Gaps**
  - 5.2.2 Deed Research / Title Information**
  - 5.2.3 Aerial Photographs and Topographic Maps**
  - 5.2.4 Sanborn Fire Insurance Maps**
  - 5.2.5 City Directories**
  - 5.2.6 Previous Environmental Studies**
  - 5.2.7 Interviews and Contacts**
  
- 5.3 Current Surrounding Land Use**
  - 5.3.1 Northeast**
  - 5.3.2 Southeast**
  - 5.3.3 South**
  - 5.3.4 West**
  
- 5.4 Past Surrounding Land Use**
  - 5.4.1 Northeast**
  - 5.4.2 Southeast**
  - 5.4.3 South**
  - 5.4.4 West**
  
- 6.0 Conclusions**
  - 6.1 On-Site**
  - 6.2 Off-Site**

## **TABLE OF CONTENTS CONTINUED**

<b>APPENDIX A</b>	<b>Maps and Figures</b>
<b>APPENDIX B</b>	<b>Photographs</b>
<b>APPENDIX C</b>	<b>Regulatory Search Information</b>
<b>APPENDIX D</b>	<b>Cursory Review of Title</b>
<b>APPENDIX E</b>	<b>Limited Subsurface Geotechnical Report</b>
<b>APPENDIX F</b>	<b>Previous Environmental Reports</b>
<b>APPENDIX G</b>	<b>Qualifications of Personnel</b>
<b>APPENDIX H</b>	<b>Proof of Insurance</b>

## **1.0 EXECUTIVE SUMMARY**

### **1.1 Location**

**This four (4) parcel, property is located in the Bluffton Township of Beaufort County, South Carolina. The subject property is situated along the southern side of Bay Street, beginning at a point just opposite Charles Street.**

**The subject property is identified on a Beaufort County Tax Assessors' Map as being Tax Parcels (0904, 0937, 0972 & 0971) as shown on Map (004) within District (R120). Access to the site is achieved from Bay Street.**

**Currently, this property is generally flat with surface drainage noted as following the land contours and in a southwesterly direction towards inlets installed within the paved areas of the parking lot. These inlets then appear to discharge the stormwater flow into the Beaufort River.**

**See the SITE PLAN in Appendix A and Photographs in Appendix B for clarity.**

## **1.2 Environmental Commentary**

### **1.2.1 On-Site**

We have performed a Phase I, Limited Phase II Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard E-1527-05. Any exceptions to, or deviations from, this practice are described in Section (2.4) of this report. The following is a summary of our findings:

- Our reconnaissance of the subject site, which is comprised of four (4) contiguous parcels revealed the site has been improved with a lighted and asphalt paved parking lot for the Beaufort Marina. This site also contains two (2) underground storage tanks for the storage and dispensing of fuels; a marina support building; the Beaufort Chamber of Commerce building; and a small dock house where miscellaneous marine supplies and the marine fuels (gasoline and diesel) are dispensed.
- During our reconnaissance, we observed evidence of two, (2), active underground storage tanks (UST's) within the northwestern quadrant of the subject site. Examination of underground storage tank (UST) records maintained by the South Carolina Department of Health and Environmental Control (DHEC) revealed the following information regarding the active (UST's):
  - Tank 1 is a (±5,000) gallon gasoline (UST) which is noted as being in compliance with SC DHEC regulations as of December 31, 2011. Additionally, successful Line Leak Detection testing and acceptance of Statistical Inventory Reports (SIR's) by SC DHEC was completed in July of 2012 for the (UST) system.
  - Tank 2 is a (±10,000) gallon diesel (UST) which is noted as being in compliance with SC DHEC regulations as of December 31, 2011. Additionally, successful Line Leak Detection testing and acceptance of Statistical Inventory Reports (SIR's) by SC DHEC was completed in July of 2012 for the (UST) system.
- Our review of aerial photographs, historical documents and public records revealed indications the southern most areas of the subject site's land parcels were created by structural filling of the low water "mark" along the Beaufort River up towards "grade" levels along the Bay Street. (See the Historical Aerial Photographs in Appendix A for clarity.)
- During our site reconnaissance, we observed no evidence of any former bulk chemical processing, manufacturing or storage within the property.

- A review of available geologic, hydrologic and subsurface soils information indicates no reason to suspect the presence of subsurface materials which would cause excessive concentrations of naturally occurring methane.
- Individual radon tests were not conducted as a part of this Phase I ESA. However, due to the geographical setting of Beaufort County, there should be no problems with elevated radon levels (greater than 2.0 picocuries per liter).
- Individual Mold, asbestos containing materials (ACM's) and lead based paint (LBP) inspections were not performed within the subject property. However, due to the period of time in which the facility was constructed, lead based paints (LBP's) should not be present within the facilities. However, asbestos containing materials (ACM's) could be present within portions of the site facilities.

Therefore, in case of remodeling and/or demolition activities, an asbestos containing materials (ACM) survey would be recommended. And if found, any instances of asbestos or lead should be handled in accordance with any and all local, state and federal regulations.

Additionally, no visible mold was observed within the facilities at the time of our site reconnaissance.

- At the time of our regulatory review, there were no federal environmental liens or issues associated with tribal legislation discovered against the subject property.
- Sanborn Maps searches were available and therefore considered as a part of our historic due diligence. A brief summary of their findings is as follows:
  - a. 1884 – No evidence of commercial development. The eastern property line was bordered by the facilities of GeoWaterhouse Cotton Gin & General Warehousing
  - b. 1889 – The construction of a “pier” to a “bathhouse” facility is noted in the western half of the property. Within the eastern half of the property two (2) small structures are noted as existing along Bay Street.
  - c. 1894 – No visual changes are noted from the 1889 mapping of the site.

**SANBORN HISTORICAL MAPPING - Continued:**

- d. 1899 – A larger, completed pier to a bathhouse is noted within the western portion of the property. No changes are noted within the eastern portion of the property. The eastern property line is noted as being bordered by the facilities of Wm. P. Waterhouse Company Ginnery and General Warehousing, a cobbler’s business and a Western Union Telegraph office.
  - e. 1905 – No visual changes are noted from the 1899 mapping of the site.
  - f. 1912 – No visual changes are noted from the 1905 mapping of the site.
  - g. 1924 – No visual changes are noted from the 1912 mapping of the site.
  - h. 1942 – Two (2) filling stations (one to the west and one to the east) are noted as being present along Bay Street within our property. Each station contains a pier / decking to the River from the building. The station towards the west is noted as having three (3) storage tanks for fuel(s); while the station towards the east is noted as having four (4) storage tanks for fuel(s).
  - i. 1958 – Addresses are noted as being established as a point of reference within this mapping record. Only one (1) filling station to the west is noted as remaining (1014 Bay Street). A police station is noted as being present at (1008 Bay Street) with two professional doctor’s offices (1004 / 1006 Bay Street) being located to the east along Bay Street. A building noted as a “commercial office” is also located towards the far eastern property line (1000 Bay Street).
- City Directory searches for the assigned subject property address, were relied upon as a part of our historical data review. A brief summary of the limited findings is as follows:
    - 1965 City Police Station, Griffin’s Sinclair Service Station  
Sinclair Marina Station
    - 1971 Beaufort Chamber of Commerce, Hertz Rent-a-Car
    - 1976 Beaufort Chamber of Commerce, Hertz Rent-a-Car
    - 1982 Beaufort Chamber of Commerce, Hertz Rent-a-Car,  
Bay Street Marina, Fina Gasoline Station
    - 1987 Beaufort Chamber of Commerce, Hertz Rent-a-Car,  
Bay Street Marina, Fina Gasoline Station
    - 1992 Beaufort Chamber of Commerce, Hertz Rent-a-Car,  
Bay Street Marina
    - 1997 Greater Beaufort Chamber of Commerce,  
Downtown Marina, Islander Carriage Tours,  
Blackstone’s barges, Ace Basin Tours

## **CITY DIRECTORY SEARCHES – Continued**

- 2002 Greater Beaufort Chamber of Commerce, Downtown Marina
  - 2007 Greater Beaufort Chamber of Commerce, Downtown Marina, Sea Island Amusements
  - 2012 Downtown Marina
- 
- No data gap(s), a lack of, or inability to obtain information, as required by the ASTM Practice, was encountered that, in the opinion of Whitaker Laboratory, Inc., affected the ability of the environmental professional to identify recognized environmental conditions (REC's) during the completion of this Phase I Environmental Site Assessment (ESA).
  - The Environmental Protection Agency publishes a Facility Index System (FINDS) report that lists facilities in this area involved in regulatory activities relating to the use, storage or generation of hazardous materials. A review of our most current FINDS report indicates this site has been reported to be involved in underground storage tank (UST) and leaking underground storage tank (LUST) regulated activity.
  - A cursory examination of available information within EPA's Facility Regulatory System (FRS) was also conducted as part of our regulatory review. This review indicates the target property (TP) is currently identified within the seventeen (17) available national databases listed within the Envirofacts Facility Tables of the (FRS) for underground storage tanks (UST's).
  - Additionally, as a supplement to our review of available (FINDS) and (FRS) information, Whitaker Laboratory, Inc., also contracted with Environmental Data Resources, Inc. (EDR) to perform an additional search of available State and Federal environmental regulatory files.

This review was conducted in an attempt to satisfy the search requirements of the EPA's Standards and Practices for All Appropriate Inquiries Criteria (40 CFR Part 312) and the search provisions of (ASTM 1527-05).

At the time of this facility review, the (EDR) report did identify (FINDS), (GWCI), (ERNS) and (SPILLS) designations for the subject site all relating to the (UST) and (LUST) issues within the property.

During the construction of the "FINA" Gasoline Station, at some point prior to (1980), eight (8) underground storage tanks (UST's) for the storage and dispensing of automotive fuels were installed within the parcel formerly located and known as 1014 Bay Street.

Upon the closing of the station, the property was acquired by the City of Beaufort. In November of (1989), the underground storage tanks (UST's) were "abandoned" by the City of Beaufort via "removal from the ground." Later, during site revitalization of the area in December of 1991, a "confirmed release" of fuel(s) to the soil and groundwater within the property was discovered and reported to SC DHEC.

It appears from the examination of available site historical records that it was not until 1999, under a consent order from SC DHEC, that Davis and Floyd, environmental contractors, were hired by the City of Beaufort to manage the release and begin corrective investigation and issue a corrective action plan for the release.

During the years 2001 until 2008, as many as eighteen individual (18) groundwater monitoring wells were installed, repaired and reinstalled within the property in order to facilitate a monitoring plan as agreed upon by The City of Beaufort and SC DHEC with the intention of securing a "no further action" (NFA) status for the property. During this time remedial efforts include the removal of contaminated soils and the reclamation of contaminated groundwater within the effected parcel (formerly located at 1014 Bay Street).

Separate groundwater monitoring events were performed during the years (2006), (2007) and (2008). Whitaker Laboratory has been provided with copies of these groundwater monitoring events. Additionally, we have met with and interviewed Mr. Isaiah Smalls, Facilities Director for the City of Beaufort, and his staff as to confirm the data s reviewed within these reports.

Additional data provided to Whitaker Laboratory by Mr. Small's office, revealed in 2009, after sufficient groundwater monitoring events had indicated a decline in all contaminants for the "confirmed release" of fuel(s) in 1991, an application was made to the SC DHEC for an updated status of "no further action" (NFA) for the site with regard to the 1991 fuel release.

On December 17 of 2009, SC DHEC "determined that the level of contaminants has significantly decreased, and the release is no longer a threat to humans or the environment." (See Public Works Memorandum of 12-17-09 in Appendix C for clarity.)

Finally, it was determined by the City of Beaufort, that all active monitoring wells within the subject property as a result of the remedial and monitoring plans would be maintained and "not closed" in case future conditions warranting further investigation were to be discovered.

At this time, Whitaker Laboratory has identified no conditions which warranted the access, verification and/or sampling of any of the remaining monitoring wells within the subject property.

Finally, A copy of the SC DHEC conditional letter of “no further action” from December (2009) is included in Appendix C for review and clarity.

- Further review of the (EDR) Report revealed that there were eight (8) nearby regulated facilities identified within a one eighth (1/8) mile to a one-quarter (1/4) mile of the subject property. After consideration of the reasonably ascertainable information; and, due to proximity, it was determined that seven (7) of the eight (8) nearby regulated facilities identified within a one eighth (1/8) mile to a one-quarter (1/4) mile of the subject property do not represent an environmental concern to the subject property at this time.

The eighth (8<sup>th</sup>) nearby listed facility, Carolina Woodlore, is considered to be a “mis-plot” by (EDR) and should not represent an environmental concern to the subject property.

- With regard to client supplied "specialized knowledge", our clients, the City of Beaufort and The Lawrence Group, at no time related to us in any of our communications that they were in possession of any specialized knowledge and/or environmental experiences related to the subject property or any adjacent property which were not disclosed and discussed within the summary and body of this (ESA) report.
- Additionally, at no time during our site visits with City of Beaufort Public Works Director Isaiah Smalls or any of his attending staff members were any inclinations relayed to us that they were aware of any environmental deficiencies, complications and/or liabilities directly, or indirectly connected with the subject property, which could limit any known and/or planned uses of said property.
- Whitaker Laboratory, Inc., and/or its affiliates, in our opinion, are not aware or in possession of any information which could significantly, directly or indirectly affect the fair market value of this property at the time of this assessment.
- Our site investigation of this site was conducted via a limited, subsurface geotechnical investigation event within the property. Our site investigation included a reconnaissance of each of the four (4) parcels and the making of five (5) randomly placed deep borings ( $\pm 40'$ – $50'$ ) below grade with the recovery of representative soil samples.

Soil samples for contamination screening were collected with a stainless steel hand auger which was cleaned with "Alcon" soap and rinsed with distilled water between sampling events.

In the field, samples were examined for stains and odors which could result from contamination by extraneous materials. An OmniRae 3000 OVA was used to screen the collected samples.

At the time of this limited, subsurface investigation, no indications of subsurface hydrocarbon vapors from the former fuel release were detected within any of the collected soil samples within the five (5) randomly placed boring locations. (See the Boring Location Plan within Appendix A for clarity.)

For a complete discussion of the soil consistency and bearing capacities, please refer to the Geotechnical Report as exhibited within Appendix E of this report.

- A Phase II Environmental Site Assessment is requested when there is probable cause or evidence of environmental concern at a site.

It should be noted, although no detectable levels of fuel contamination were discovered during our limited geotechnical subsurface investigation within the site, a future point of consideration for this property could be a potential exposure to areas of latent and/or trapped hydrocarbon vapors by construction workers during and re-development activities in or near the former FINA Gasoline Station parcel (aka 1014 Bay Street). These activities could include but not be limited to utility installation and/or foundation excavation / reconstruction. The possibility for undiscovered, formerly contaminated soil and/or groundwater to come into contact with site personnel, however remote, is a possibility.

Finally, please note, SC DHEC has retained the right to reopen any investigation of soils and/or groundwater within the subject property, if at such time, conditions listed within the letter of "no further action" (NFA) letter of December 2009 were considered discovered and warranted. (See a copy of the letter within Appendix C of this report.)

Based upon the completion of our Phase I (ESA) as well as the lack of any potentially new or unknown recognized environmental concerns (REC's) being identified within the subject property at the completion of this assessment, it is our opinion that no additional environmental assessment of this property is warranted at this time.

### **1.2.2 Off-Site**

**There were no off-site concerns identified at the time of this assessment. Please refer to Section 4.0 for a discussion of adjacent and surrounding regulated facilities, if present.**

## **2.0 INTRODUCTION**

### **2.1 Purpose**

The purpose of this Phase I Environmental Site Assessment was to satisfy one of the requirements to qualify for an LLP to CERCLA liability. In addition to this qualification, this Phase I (ESA) served to evaluate the potential of the property to contain contamination. Contamination of a site can occur within the subsurface soils, surface water, groundwater and / or existing structures. In general, contamination of a site occurs as a result of present or past activities on or adjacent to the subject property. The following report addresses the findings of this assessment.

### **2.2 Procedures**

The scope of this investigation was to identify and report any existing conditions, or potential conditions, which might impose an environmental liability or restrict the use of this property. Asbestos and lead based paint fieldwork as well as mold inspections were not applicable to the scope of this assessment.

As such, WHITAKER LABORATORY, INC. generally provided the following scope of services for this project:

- 1. A physical examination of the site in an attempt to determine its current and/or past usage.**
- 2. An examination of available aerial photographs for indications of prior usage or site disturbance.**
- 3. An historical review of ownership by examining real estate title records and performing interviews with applicable authorities or record-keeping bodies.**

4. A records review of appropriate local, state or federal environmental agencies for any problems involving the subject site or any property within a one mile radius (i.e., the CERCLIS, FINDS, NPL, etc, printouts).
5. The performance of a PCB and hazardous substance (i.e. radon, paints, solvents, petroleum products, asbestos, if applicable) investigation.
6. The examination of reasonably ascertainable property records for the existence, if any, of environmental liens and/or tribal legislation, past or present, upon the subject site.
7. An examination to determine the existence and condition of any underground storage tanks or aboveground storage tanks.

### 2.3 Qualifications of Personnel / AAI Certification

Resumes of key environmental professionals are attached in Appendix G. The individuals listed have been responsible for conducting this Phase I and preparation of this report. We declare that to the best of our professional judgment and belief, we meet the definition of Environmental Professionals as defined in 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We feel we have developed and performed the all appropriate inquiries for this assessment in general conformance with the standards and practices as referenced in 40 CFR Part 312.

## **2.4 Limitations**

**Whitaker Laboratory, Inc. performed this assessment in accordance with the provisions of ASTM Standards E-1527 for Environmental Phase I Site Assessments.**

**A Phase I Environmental Site Assessment (ESA's) comprises a number of individual elements whose basic nature and extent are determined in accordance with the standard of care applicable to Phase I ESA's. In addition, the contents of an ESA are governed by items such as the specified scope of work and fees. As such, we believe we have prepared this report in accordance with the applicable standard of care and specified scope of work. However, please note our services intentionally did not include actual analyses with respect to asbestos, lead-based paint, outdoor air quality, mold, methane gas generation and/or assessment for vapor intrusion (ASTM E 2600-08). Additionally, this assessment did not include inquiries with respect to geotechnical concerns, wetlands or the identification of endangered or protected plant and animal species. Similarly, the determination of historical and archaeological sites is beyond the scope of this assessment.**

**If applicable, proper design considerations for any of these non-scope items should be provided as part of development.**

**Phase I Environmental Site Assessments by their very nature are limited. WHITAKER LABORATORY, INC. and its professional engineers / employees have endeavored to meet what it believes is the applicable standard of care and, in so doing, is obliged to advise its client of the above mentioned limitations.**

**Within any site reconnaissance, there are a number of physical constraints which can and/or may affect the ability of the Assessor to obtain site specific information. These include physical obstructions such as buildings, paved areas and bodies of water, as well as limiting conditions such as weather constraints, heavily wooded or brushy areas, inaccessible areas, ongoing physical operations and/or safety considerations.**

**This environmental assessment, unless otherwise noted within the report, was non-destructive and visual in nature. Every reasonable effort was made to obtain all pertinent and available information as to the condition of the subject site. However, the site reconnaissance was restricted to those items that were previously known through historical discovery and/or disclosure, viewed in plain sight and/or areas readily accessible to the Assessor.**

**WHITAKER LABORATORY, INC. and its professional engineers / employees believe that providing information about limitations is essential to help its client identify and thereby manage its risk. These risks cannot be eliminated but can be further minimized through additional research not generally associated with a standard Phase I Environmental Site Assessment.**

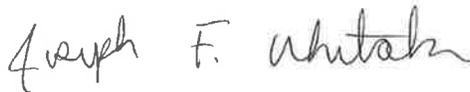
**The findings and opinions conveyed in this report are based on information that we obtained from a variety of sources which we believe are reliable. Nonetheless, WHITAKER LABORATORY, INC. and its professional engineers / employees cannot and do not guarantee the authenticity or reliability of the information it has relied upon.**

It is possible for unknown site conditions to exist and for conditions we observed to have changed since initial review. Therefore, this report does not warrant or guarantee that the subject site is free of environmental defects. Accordingly, by reliance on this report WHITAKER LABORATORY, INC. and its professional engineers/employees liability for any matter in conjunction with this report is limited to the extent provided via our professional liability insurance.

**2.5 User Reliance**

This report is for the sole use and benefit of our client(s), our clients, The City of Beaufort and/or The Lawrence Group, and may not be used or relied upon by any person or entity without expressed written consent. When applicable, any additional eligible lender or tenant will be issued reliance letters upon request.

**2.6 Signature of Qualified P.E. as to the Report**



**Joseph F. Whitaker, P.E.  
V.P., Project Engineer**



**Registered  
Professional Engineer  
No. 26751**

### **3.0 SITE SETTING**

#### **3.1 General Conditions**

This four (4) parcel, property is located in the Bluffton Township of Beaufort County, South Carolina. The subject property is situated along the southern side of Bay Street, beginning at a point just opposite Charles Street.

Our reconnaissance of the subject site, which is comprised of four (4) contiguous parcels revealed the site has been improved with a lighted and asphalt paved parking lot for the Beaufort Marina. This site also contains two (2) underground storage tanks for the storage and dispensing of fuels; a marina support building; the Beaufort Chamber of Commerce building; and a small dock house where miscellaneous marine supplies and the marine fuels (gasoline and diesel) are dispensed.

See the Site Plan in Appendix A and Aerial Photographs in Appendix B for clarity.

## **3.2 Hydrology**

### **3.2.1 Geologic Setting**

This overall project area lies near the eastern edge of the South Atlantic Coastal Plain. In South Carolina and Georgia, this broad, gently sloping region extends southeastward from the Fall Line (Chesterfield-Columbia-Augusta-Macon-Columbus) to the Atlantic Ocean. The soils encountered are sedimentary in origin and consist of layered marine deposits of sands, silts and clays. These deposits have since been subjected to successive erosion and re-deposition by fluctuations of sea levels, storm tides and winds. Many of the surface sands are the result of depositional forces along ancient beaches which formed during the changing shoreline and river conditions. Intermittent deposits of shells occur within the strata at irregular intervals. The surface soils in a majority of this Coastal Plain area were deposited during the Pleistocene Era; however, surface soils near the coast are likely of the Holocene Era.

The surface soils in the eastern portion of the Coastal Plain are underlain by Miocene Era deposits of the Hawthorne formation, consisting of consolidated sandy clays, clays and silts. Beneath these Miocene deposits are found the porous limerock known as the Floridian Aquifer. The Floridian Aquifer is one of the major productive aquifers for the region.

### **3.2.2 Surface Drainage / Surface Waters**

Currently, this property is generally flat with surface drainage noted as following the land contours and in a southwesterly direction towards inlets installed within the paved areas of the parking lot. These inlets then appear to discharge the stormwater flow into the Beaufort River.

### **3.2.3 Flood Plains / Floodways**

The Federal Emergency Management Authority (FEMA) Historical Flood Insurance Map, General Community Panel Number 4500260005D indicated this site does reside within a “100 year” floodplain. (Please refer to the FEMA information contained within the (EDR) Report for clarity.)

### **3.2.4 Groundwater**

Groundwater flow is suspected to be flowing in a radial direction from the target property with the greatest degree of flow towards the south, southwest.

Groundwater information was estimated or approximated using the Beaufort, South Carolina, USGS 7.5 minute topographic quad index.

### **3.3 Wetlands**

**During our site reconnaissance, we did not observe any low areas within the subject property. Additionally, there were no areas of Federal Wetlands acknowledged within the (EDR) report as being within the property lines.**

**However, please be reminded, this assessment does not include specific investigations with respect to geotechnical concerns, wetlands or the identification of endangered or protected plant and animal species. Similarly, any determination of historical and archaeological sites is beyond the scope of this assessment.**

## **4.0 REGULATORY INFORMATION**

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### **4.1 Agency Data Review**

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The Environmental Protection Agency publishes a Facility Index System (FINDS) report that lists facilities in this area involved in regulatory activities relating to the use, storage or generation of hazardous materials. A review of our most current FINDS report indicates this site has been reported to be involved in underground storage tank (UST) and leaking underground storage tank (LUST) regulated activity.

A cursory examination of available information within EPA's Facility Regulatory System (FRS) was also conducted as part of our regulatory review. This review indicates the target property (TP) is currently identified within the seventeen (17) available national databases listed within the Envirofacts Facility Tables of the (FRS) for underground storage tanks (UST's).

Additionally, as a supplement to our review of available (FINDS) and (FRS) information, Whitaker Laboratory, Inc., also contracted with Environmental Data Resources, Inc. (EDR) to perform an additional search of available State and Federal environmental regulatory files.

This review was conducted in an attempt to satisfy the search requirements of the EPA's Standards and Practices for All Appropriate Inquiries Criteria (40 CFR Part 312) and the search provisions of (ASTM 1527-05).

At the time of this facility review, the (EDR) report did identify (FINDS), (GWCI), (ERNS) and (SPILLS) designations for the subject site all relating to the (UST) and (LUST) issues within the property.

During the construction of the “FINA” Gasoline Station, at some point prior to (1980), eight (8) underground storage tanks (UST’s) for the storage and dispensing of automotive fuels were installed within the parcel formerly located and known as 1014 Bay Street.

Upon the closing of the station, the property was acquired by the City of Beaufort. In November of (1989), the underground storage tanks (UST’s) were “abandoned” by the City of Beaufort via “removal from the ground.” Later, during site revitalization of the area in December of 1991, a “confirmed release” of fuel(s) to the soil and groundwater within the property was discovered and reported to SC DHEC.

It appears from the examination of available site historical records that it was not until 1999, under a consent order from SC DHEC, that Davis and Floyd, environmental contractors, were hired by the City of Beaufort to manage the release and begin corrective investigation and issue a corrective action plan for the release.

During the years 2001 until 2008, as many as eighteen individual (18) groundwater monitoring wells were installed, repaired and reinstalled within the property in order to facilitate a monitoring plan as agreed upon by The City of Beaufort and SC DHEC with the intention of securing a “no further action” (NFA) status for the property. During this time remedial efforts include the removal of contaminated soils and the reclamation of contaminated groundwater within the effected parcel (formerly located at 1014 Bay Street).

**Separate groundwater monitoring events were performed during the years (2006), (2007) and (2008). Whitaker Laboratory has been provided with copies of these groundwater monitoring events. Additionally, we have met with and interviewed Mr. Isaiah Smalls, Facilities Director for the City of Beaufort, and his staff as to confirm the data s reviewed within these reports.**

**Additional data provided to Whitaker Laboratory by Mr. Small's office, revealed in 2009, after sufficient groundwater monitoring events had indicated a decline in all contaminants for the "confirmed release" of fuel(s) in 1991, an application was made to the SC DHEC for an updated status of "no further action" (NFA) for the site with regard to the 1991 fuel release.**

**On December 17 of 2009, SC DHEC "determined that the level of contaminants has significantly decreased, and the release is no longer a threat to humans or the environment." (See Public Works Memorandum of 12-17-09 in Appendix C for clarity.)**

**Finally, it was determined by the City of Beaufort, that all active monitoring wells within the subject property as a result of the remedial and monitoring plans would be maintained and "not closed" in case future conditions warranting further investigation were to be discovered.**

**At this time, Whitaker Laboratory has identified no conditions which warranted the access, verification and/or sampling of any of the remaining monitoring wells within the subject property.**

**Finally, A copy of the SC DHEC conditional letter of "no further action" from December (2009) is included in Appendix C for review and clarity.**

Further review of the (EDR) Report revealed that there were eight (8) nearby regulated facilities identified within a one eighth (1/8) mile to a one-quarter (1/4) mile of the subject property. After consideration of the reasonably ascertainable information; and, due to proximity, it was determined that seven (7) of the eight (8) nearby regulated facilities identified within a one eighth (1/8) mile to a one-quarter (1/4) mile of the subject property do not represent an environmental concern to the subject property at this time.

The eighth (8<sup>th</sup>) nearby listed facility, Carolina Woodlore, is considered to be a “mis-plot” by (EDR) and should not represent an environmental concern to the subject property.

The complete EDR report is exhibited within the Appendix of this report for clarity.

#### **4.2 Agency Contacts**

*Environmental Data Resources, Inc. – EDR Radius Map Report & EDR Sanborn Map Search*  
*Environmental Data Resources, Inc. – Historical Topographic Maps & Historical Directory Listings*  
*Beaufort County Tax Assessors' Office*  
*Bing, Inc., 2012; Google Map, 2013*  
*United States Department of the Interior – USGS 7.5 Minute Topographic Maps (2001)*  
*United States FEMA – Flood Map Division 2008-2013*  
*US EPA, Radon Reporting, Land Protection Division*  
*Beaufort County Inspections and Building Department*  
*Mr. Isaiah Smalls – Beaufort County Public Works Director*  
*Mr. Lamar Tayler – Beaufort County Public Works, Assistant Director*  
*Telephone Duty Officer, SC DHEC UST Division, Senior Project Administrator*  
*Mr. Eric Cathcart – SC DHEC – UST Division Director*  
*Ms. Julie Orr Franklin, AICP – The Lawrence Group*

### **4.3 Site Specific Interviews / Site Questionnaire**

#### **4.3.1 Site Owner**

During our due diligence, we were able to ascertain that the four (4) parcels comprising the subject property are owned by The City of Beaufort.

#### **4.3.2 Site Manager**

Currently, the property is managed by The City of Beaufort Public Works Department, Mr. Isaiah Smalls, Director.

#### **4.3.3 Site Occupant**

Currently, the facilities are occupied by the Beaufort (Bay Street) Marina, a naval / marine supply store and a bath house.

#### **4.3.4 Local / State Government Contacts**

In a review of available Beaufort County historical documents as well as current SC DHEC records, we discovered no ascertainable information indicating the presence of pending or threatened environmental litigation and/or violations for the subject property. There were also no records of current proceedings or notices of possible code violations relating to environmental statutes in connection with the property as maintained by (SC DHEC).

A telephone interview was conducted with a, "duty officer" of the SC DHEC UST Division for the purposes of confirming the collected information regarding the subject property and its "no further action" status (NFA) and/or any nearby regulated facilities.

At the time of our telephone interview, no additional, nor contrary documentation, was revealed which would differ from the documentation which has been presented within this report.

#### 4.3.5 Additional "Other" Interviews

At the time of our site reconnaissance, interviews were conducted regarding the subject site with Mr. Isaiah Smalls and Mr. Lamar Tayler of the Beaufort County Public Works Department for the purpose of verifying property history, reviewing site documentation as provided by Beaufort County and understanding the timeline of events for the fuel release / cleanup proceedings which lead to the letter of "no further action" (NFA) being issued by SC DHEC in 2009.

#### 4.4 Specialized Knowledge

With regard to client supplied "specialized knowledge", our clients, The City of Beaufort nor The Lawrence Group at any time related to us in any of our communications that they were in possession of any specialized knowledge and/or environmental experiences related to the subject property or any adjacent property that was not already known and in public domain.

#### 4.5 Environmental Liens

During a review of available documentation on file within the Beaufort County Courthouse we did not discover any currently published documentation of environmental liens which may be encumbering the site.

#### **4.6 Valuation Reduction for Environmental Issues**

**No data gap(s), a lack of, or inability to obtain information, as required by the ASTM Practice, was encountered that, in the opinion of Whitaker Laboratory, Inc., could affect the ability of the environmental professional to identify recognized environmental conditions (REC's) during the completion of this Phase I Environmental Site Assessment (ESA).**

## **5.0 SITE INFORMATION & USE**

### **5.1 Current Site Use**

This four (4) parcel, property is located in the Bluffton Township of Beaufort County, South Carolina. The subject property is situated along the southern side of Bay Street, beginning at a point just opposite Charles Street.

Our reconnaissance of the subject site, which is comprised of four (4) contiguous parcels revealed the site has been improved with a lighted and asphalt paved parking lot for the Beaufort Marina. This site also contains two (2) underground storage tanks for the storage and dispensing of fuels; a marina support building; the Beaufort Chamber of Commerce building; and a small dock house where miscellaneous marine supplies and the marine fuels (gasoline and diesel) are dispensed.

See the Site Plan in Appendix A and the Photographs in Appendix B for clarity.

#### **5.1.1 Storage Tanks**

During our reconnaissance, we observed evidence of two, (2), active underground storage tanks (UST's) within the northwestern quadrant of the subject site. Examination of underground storage tank (UST) records maintained by the South Carolina Department of Health and Environmental Control (DHEC) revealed the following information regarding the active (UST's):

- Tank 1 is a (±5,000) gallon gasoline (UST) which is noted as being in compliance with SC DHEC regulations as of December 31, 2011. Additionally, successful Line Leak Detection testing and acceptance of Statistical Inventory Reports (SIR's) by SC DHEC was completed in July of 2012 for the (UST) system.

- Tank 2 is a (±10,000) gallon diesel (UST) which is noted as being in compliance with SC DHEC regulations as of December 31, 2011. Additionally, successful Line Leak Detection testing and acceptance of Statistical Inventory Reports (SIR's) by SC DHEC was completed in July of 2012 for the (UST) system.

### **5.1.2 Hazardous & Petroleum Products / Containers and/or Drums**

At the time of this facility review, the (EDR) report did identify (FINDS), (GWCI), (ERNS) and (SPILLS) designations for the subject site all relating to the (UST) and (LUST) issues within the property.

During the construction of a "FINA" Gasoline Station, at some point prior to (1980), eight (8) underground storage tanks (UST's) for the storage and dispensing of automotive fuels were installed within the parcel formerly located and known as 1014 Bay Street.

Upon the closing of the station, the property was acquired by the City of Beaufort. In November of (1989), the underground storage tanks (UST's) were "abandoned" by the City of Beaufort via "removal from the ground." Later, during site revitalization of the area in December of 1991, a "confirmed release" of fuel(s) to the soil and groundwater within the property was discovered and reported to SC DHEC.

It appears from the examination of available site historical records that it was not until 1999, under a consent order from SC DHEC, that Davis and Floyd, environmental contractors, were hired by the City of Beaufort to manage the release and begin corrective investigation and issue a corrective action plan for the release.

During the years 2001 until 2008, as many as eighteen individual (18) groundwater monitoring wells were installed, repaired and reinstalled within the property in order to facilitate a monitoring plan as agreed upon by The City of Beaufort and SC DHEC with the intention of securing a “no further action” (NFA) status for the property. During this time remedial efforts include the removal of contaminated soils and the reclamation of contaminated groundwater within the effected parcel (formerly located at 1014 Bay Street).

Separate groundwater monitoring events were performed during the years (2006), (2007) and (2008). Whitaker Laboratory has been provided with copies of these groundwater monitoring events. Additionally, we have met with and interviewed Mr. Isaiah Smalls, Facilities Director for the City of Beaufort, and his staff as to confirm the data s reviewed within these reports.

Additional data provided to Whitaker Laboratory by Mr. Small’s office, revealed in 2009, after sufficient groundwater monitoring events had indicated a decline in all contaminants for the “confirmed release” of fuel(s) in 1991, an application was made to the SC DHEC for an updated status of “no further action” (NFA) for the site with regard to the 1991 fuel release.

On December 17 of 2009, SC DHEC “determined that the level of contaminants has significantly decreased, and the release is no longer a threat to humans or the environment.” (See Public Works Memorandum of 12-17-09 in Appendix C for clarity.)

### **5.1.3 Heating and Cooling**

Heating and cooling for the two (2) structures within the site were observed as being via electricity.

### **5.1.4 Solid Waste**

We did not observe any evidence of landfill activity within the property. However, our review of aerial photographs, historical documents and public records revealed indications the southern most areas of the subject site's land parcels were created by structural filling of the low water "mark" along the Beaufort River up towards "grade" levels along the Bay Street. (See the Historical Aerial Photographs in Appendix A for clarity.)

### **5.1.5 Sewage Disposal / Septic Tanks**

We were informed that sewage service for the subject property is furnished by the Beaufort Jasper Water Sewer Authority (BJWSA).

### **5.1.6 Hydraulic Equipment**

No hydraulic equipment was observed within the subject property.

### **5.1.7 Contracted Maintenance Service**

Maintenance of the subject site was noted as being provided by the City of Beaufort on an as needed basis.

### **5.1.8 Electrical Transformers / PCB's**

We observed two (2), pad mounted electrical transformers within the property. At the time of our site reconnaissance, no evidence of spillage or leakage was noted around the base of any of these transformers.

#### **5.1.9 Water Supply and Wells**

We were informed that (potable) water service for the subject property is furnished by the Beaufort Jasper Water Sewer Authority (BJWSA).

#### **5.1.10 Drains and Sumps**

Exterior storm drains were observed within the parking lot subject site. The outfall from these drains was observed as being to the Beaufort River.

#### **5.1.11 Pits, Ponds, Lagoons**

While on-site, we observed no pits, ponds or lagoons.

#### **5.1.12 Surface Waters / State Waters**

While on-site, we observed no surface water and/or state waters other than the banks of the Beaufort River which borders along the southern property line.

#### **5.1.13 Stressed Vegetation**

Within the subject site, at the time of our inspection, we observed no evidence of distressed vegetation.

#### **5.1.14 Odors**

No unusual odors were observed at the time of our inspection.

#### **5.1.15 Utilities**

We were informed by the City of Beaufort that on-site water, county sewer services, electrical and telecommunication utilities are available to the property.

#### **5.1.16 Chemical Use**

We observed no production of bulk chemicals within the subject site at the time of our reconnaissance.

#### **5.1.17 Water Leaks / Mold**

The performance of mold inspection was not conducted within the subject property at this time.

#### **5.1.18 Asbestos Containing Materials (ACM's)**

An asbestos containing materials (ACM's) inspection was not performed within the subject property. However, due to the period of time in which the facilities were constructed, (ACM's) could be present within the buildings.

Therefore, in case of remodeling and/or demolition activities, a complete hazardous materials survey would be recommended. And if found, any instances of asbestos or lead should be handled in accordance with any and all local, state and federal regulations.

#### **5.1.19 Lead Based Paint (LBP)**

A lead based paint (LBP) inspection was not performed within the subject property. However, due to the period of time in which the facilities were constructed, (LBP's) should not be present.

#### **5.1.20 Radon**

Individual radon tests were not conducted as a part of this Phase I ESA. However, due to the geographical setting of this area, there should be no problems with elevated radon levels (greater than 2.0 picocuries per liter). Within this area, the typical radon concentration for buildings ranges from (1.2 to 2.0) picocuries per liter.

#### **5.1.21 Lead in Drinking Water**

**We have been informed that (BJWSA) performs periodic testing of city / county water in compliance with all local, state and federal drinking water standards.**

#### **5.1.22 PCB's**

**Polychlorinated biphenyl's (PCB's) are one of several aromatic compounds containing two (2) benzene molecules that have two (2) or more substituent chlorine atoms.**

**They are colorless, denser than water liquids and have an oily appearance. Because of their persistence, toxicity and ability to cause ecological damage by way of water pollution, their manufacture was discontinued in the U.S. in 1976.**

**PCBs were typically used in transformers and capacitors due to other good heat exchange and dielectric properties.**

**See Item 5.1.8 for discussion of PCB's.**

#### **5.1.23 Site Investigation**

**Based upon the findings of this Phase I Environmental Site Assessment, a limited site investigation was not deemed necessary.**

## **5.2 Past Site Use**

City Directory searches, Sanborn Fire Maps, Beaufort County Tax records and Aerial Photographs for the assigned subject property address, were relied upon as a part of our historical data review.

Based upon our document review, we were able to identify limited past commercial development within the subject property. See Sections 5.2.4 and 5.2.5 for clarity.

### **5.2.1 Data Gaps**

After the completion of this assessment, we concluded that no data gap(s), a lack of, or inability to obtain information, as required by the ASTM Practice, was encountered that, in the opinion of Whitaker Laboratory, Inc., affected the ability of the environmental professional to identify recognized environmental conditions (REC's) during the completion of this Phase I Environmental Site Assessment (ESA).

### **5.2.2 Deed Research**

A cursory review of published Deed Record Cards conducted in the Beaufort County Courthouse identifies the most recent owner of the subject properties as being the City of Beaufort.

A copy of the most recently available Deed References are displayed in the Appendix.

### **5.2.3 Aerial Photographs and Topographic Map**

Aerial Photographs from the years 1951 thru 2011 are exhibited in Appendix A. These photographs revealed no indications of unusual ground features.

#### **5.2.4 Sanborn Fire Insurance Maps**

**Sanborn Maps searches were available and therefore considered as a part of our historic due diligence. A brief summary of their findings is as follows:**

- a. 1884 – No evidence of commercial development. The eastern property line was bordered by the facilities of GeoWaterhouse Cotton Gin & General Warehousing**
- b. 1889 – The construction of a “pier” to a “bathhouse” facility is noted in the western half of the property. Within the eastern half of the property two (2) small structures are noted as existing along Bay Street.**
- c. 1894 – No visual changes are noted from the 1889 mapping of the site.**
- d. 1899 – A larger, completed pier to a bathhouse is noted within the western portion of the property. No changes are noted within the eastern portion of the property. The eastern property line is noted as being bordered by the facilities of Wm. P. Waterhouse Company Ginnery and General Warehousing, a cobbler’s business and a Western Union Telegraph office.**
- e. 1905 – No visual changes are noted from the 1899 mapping of the site.**
- f. 1912 – No visual changes are noted from the 1905 mapping of the site.**
- g. 1924 – No visual changes are noted from the 1912 mapping of the site.**
- h. 1942 – Two (2) filling stations (one to the west and one to the east) are noted as being present along Bay Street within our property. Each station contains a pier / decking to the River from the building. The station towards the west is noted as having three (3) storage tanks for fuel(s); while the station towards the east is noted as having four (4) storage tanks for fuel(s).**
- i. 1958 – Addresses are noted as being established as a point of reference within this mapping record. Only one (1) filling station to the west is noted as remaining (1014 Bay Street). A police station is noted as being present at (1008 Bay Street) with two professional doctor’s offices (1004 / 1006 Bay Street) being located to the east along Bay Street. A building noted as a “commercial office” is also located towards the far eastern property line (1000 Bay Street).**

### **5.2.5 City Directories**

City Directory searches for the assigned subject property address, were relied upon as a part of our historical data review. A brief summary of the limited findings is as follows:

- 1965 City Police Station, Griffin's Sinclair Service Station  
Sinclair Marina Station
- 1971 Beaufort Chamber of Commerce, Hertz Rent-a-Car
- 1976 Beaufort Chamber of Commerce, Hertz Rent-a-Car
- 1982 Beaufort Chamber of Commerce, Hertz Rent-a-Car,  
Bay Street Marina, Fina Gasoline Station
- 1987 Beaufort Chamber of Commerce, Hertz Rent-a-Car,  
Bay Street Marina, Fina Gasoline Station
- 1992 Beaufort Chamber of Commerce, Hertz Rent-a-Car,  
Bay Street Marina
- 1997 Greater Beaufort Chamber of Commerce,  
Downtown Marina, Islander Carriage Tours,  
Blackstone's barges, Ace Basin Tours
- 2002 Greater Beaufort Chamber of Commerce,  
Downtown Marina
- 2007 Greater Beaufort Chamber of Commerce,  
Downtown Marina, Sea Island Amusements
- 2012 Downtown Marina

### **5.2.6 Previous Environmental Studies**

Previous environmental assessments in the form of corrective action plans and correspondence with SC DHEC UST Division, all concerning the fuel release from the former FINA Gasoline Station within the subject site subject, were located at the time of our cursory review of available information.

Additionally, groundwater monitoring reports for the years 2006, 2007 and 2008 were also available and reviewed as a part of this Phase I (ESA) due diligence.

Finally, several packages of site information and history were provided by the Beaufort County Public Works Department for our review.

#### **5.2.7 Interviews and Contacts**

See Section 4.2, Agency Contacts and Section 4.3 Site Specific Interviews for a listing and discussion of interviews and contacts in relation to this Phase I (ESA).

### **5.3 Current Surrounding Land Use**

#### **5.3.1 Northeast**

The northeastern property line is bordered by Bay Street.

#### **5.3.2 Southeast**

The southeastern property line is bordered by an office building towards the north and the remaining portions of the waterfront park towards the south.

#### **5.3.3 South**

The southwestern property line is bordered by the Beaufort River.

#### **5.3.4 Northwest**

The western property line is bordered by the marshlands of the Beaufort River.

### **5.4 Previous Surrounding Land Use**

#### **5.4.1 Northeast**

The northeastern property line was as stated in Section 5.3.1.

#### **5.4.2 Southeast**

The southeastern property line was commercially developed dating back to the 1890's.

#### **5.4.3 South**

The southern property line was as stated in Section 5.3.3.

#### **5.4.4 West**

The western property line was formerly wooded and undeveloped.

## **6.0 ENVIRONMENTAL CONCERNS**

### **6.1 On-Site**

**A Phase II Environmental Site Assessment is requested when there is probable cause or evidence of environmental concern at a site.**

**It should be noted, although no detectable levels of fuel contamination were discovered during our limited geotechnical subsurface investigation within the site, a future point of consideration for this property could be a potential exposure to areas of latent and/or trapped hydrocarbon vapors by construction workers during and re-development activities in or near the former FINA Gasoline Station parcel (aka 1014 Bay Street). These activities could include but not be limited to utility installation and/or foundation excavation / reconstruction. The possibility for undiscovered, formerly contaminated soil and/or groundwater to come into contact with site personnel, however remote, is a possibility.**

**Finally, please note, SC DHEC has retained the right to reopen any investigation of soils and/or groundwater within the subject property, if at such time, conditions listed within the letter of “no further action” (NFA) letter of December 2009 were considered discovered and warranted. (See a copy of the letter within Appendix C of this report.)**

**Based upon the completion of our Phase I (ESA) as well as the lack of any potentially new or unknown recognized environmental concerns (REC's) being identified within the subject property at the completion of this assessment, it is our opinion that no additional environmental assessment of this property is warranted at this time.**

## **6.2 Off-Site**

**Our reconnaissance of this property revealed no off-site environmental concerns at this time.**

**PHASE I DOCUMENTATION:**

## **APPENDIX A – MAPS / FIGURES**

**Site Plan**

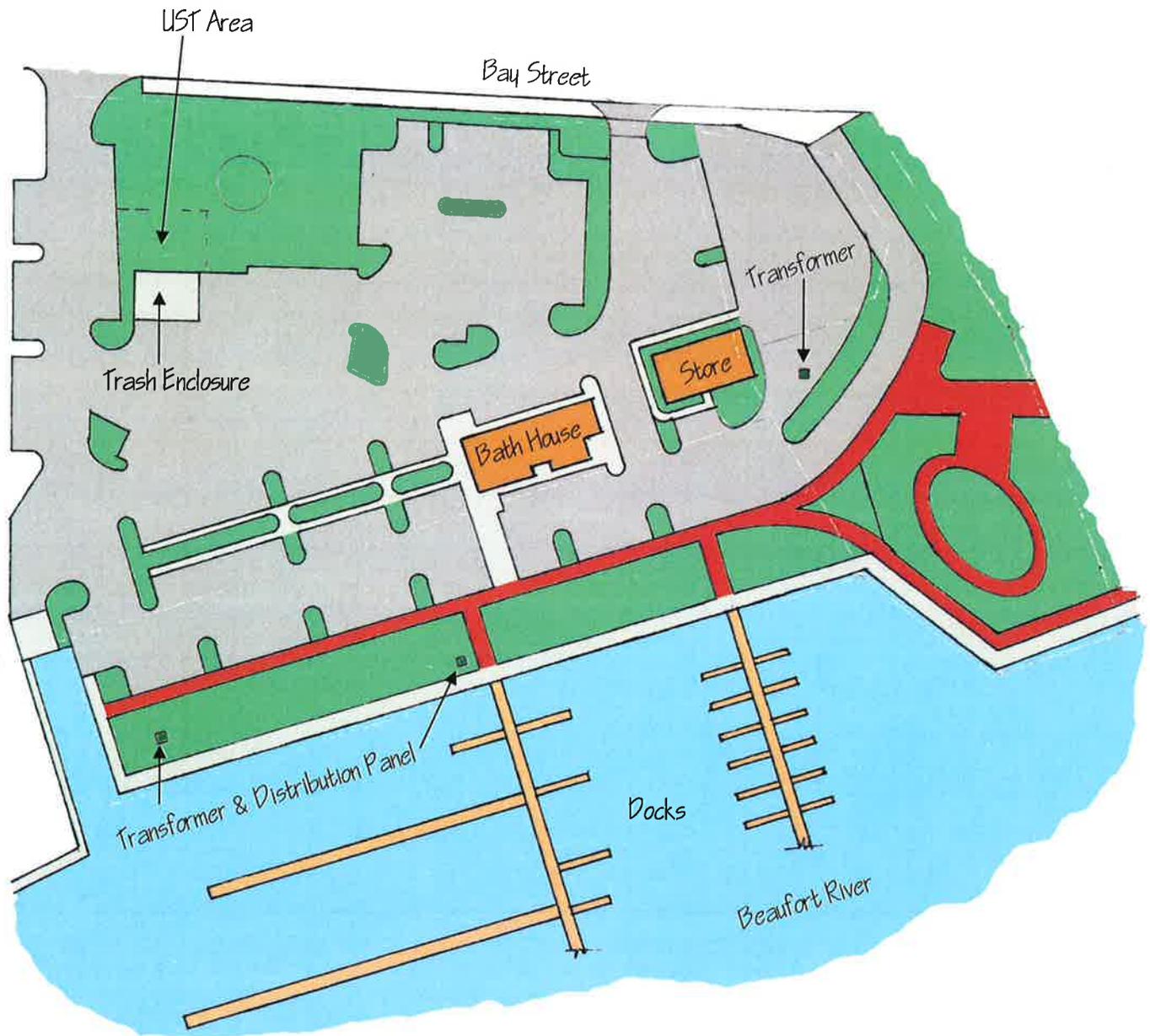
**Site Vicinity Map**

**Parcel Map**

**1951 through 2007 Aerial Maps**

**Historical Topographic Maps**

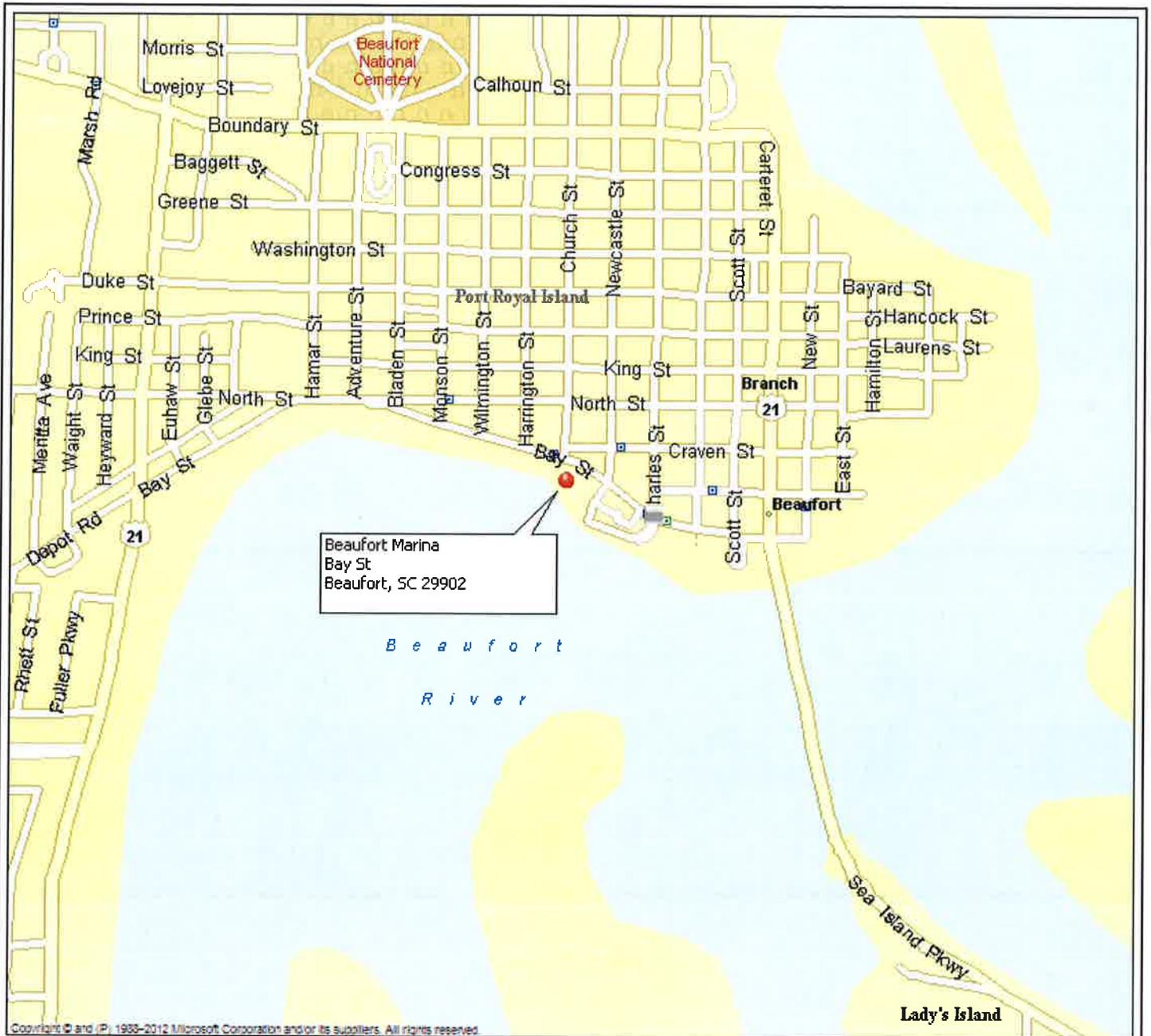
**City Directory Searches**



# Site Plan

Bay Street, Beaufort Marina  
 Beaufort, Beaufort County, South Carolina



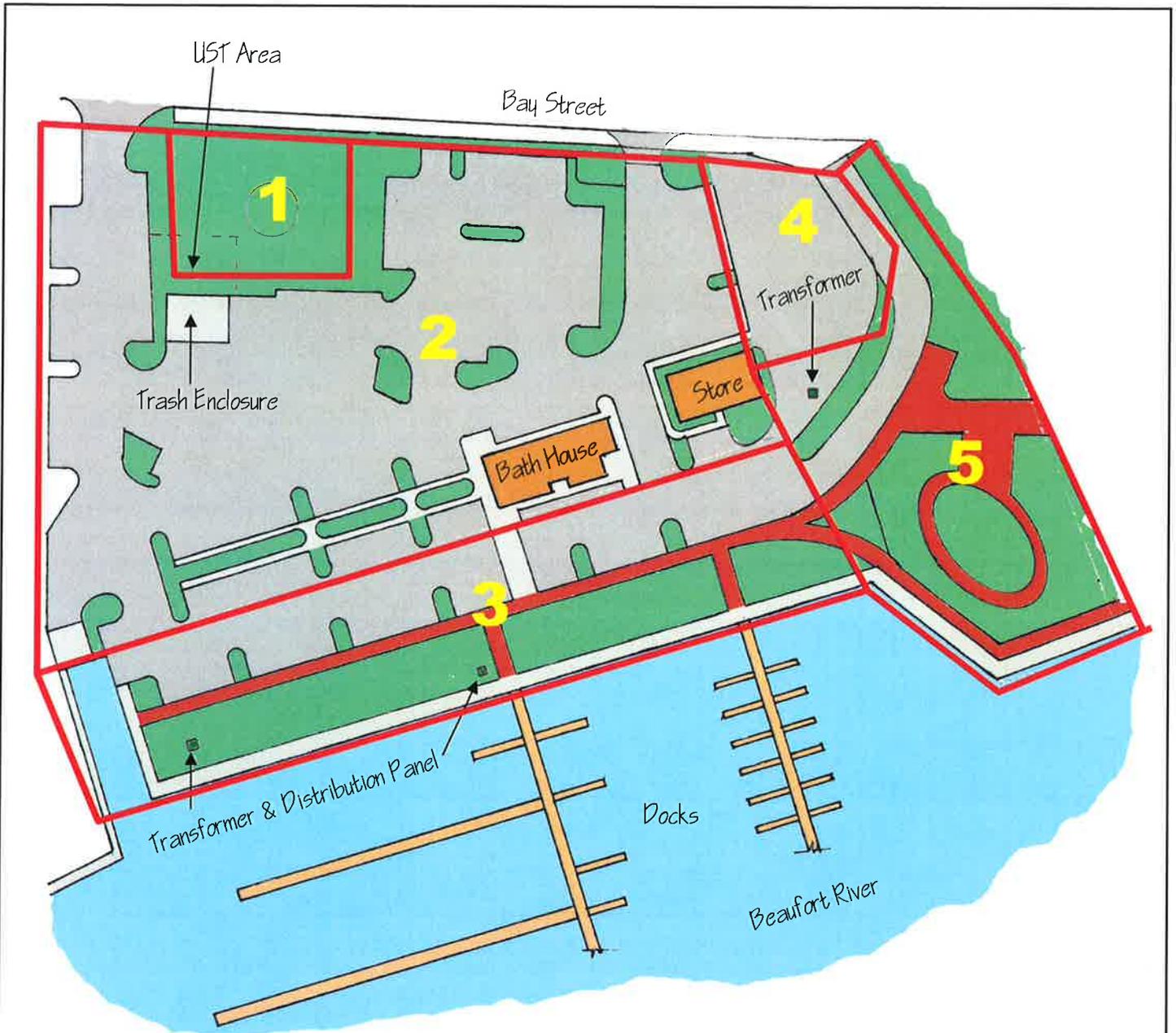


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# Site Vicinity Map

Bay Street, Beaufort Marina  
 Beaufort, Beaufort County, South Carolina

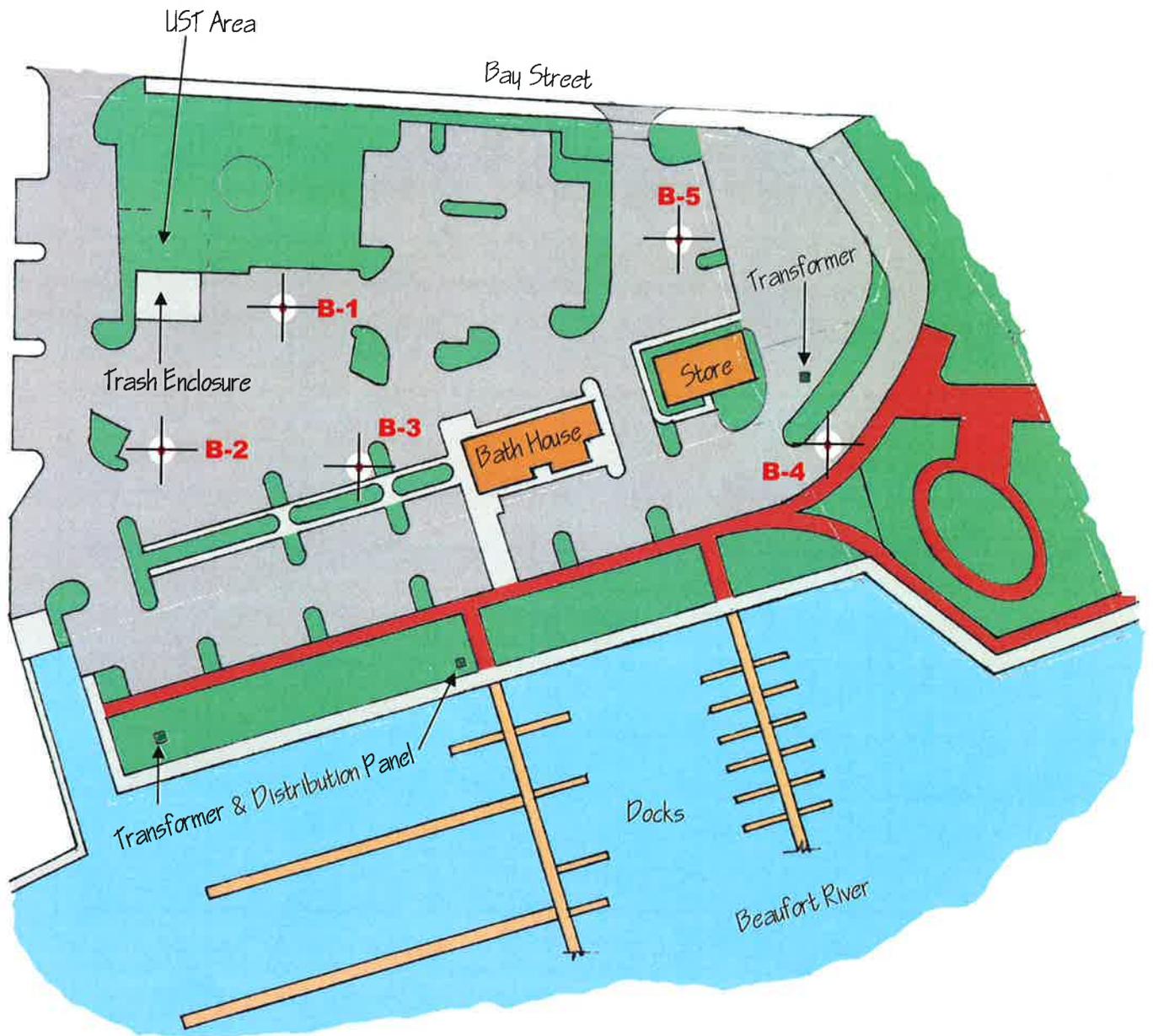




# Parcel Designation Map

Bay 4 Street, Beaufort Marina  
 Beaufort, Beaufort County, South Carolina





# Boring Location Plan

Bay Street, Beaufort Marina  
 Beaufort, Beaufort County, South Carolina



ALL BORING LOCATIONS ARE APPROXIMATE, & ARE BASED ONLY ON FIELD ESTIMATES.





**Beaufort Marina**  
1010 Bay Street  
Beaufort, SC 29902

Inquiry Number: 3518290.4  
February 13, 2013

## EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

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

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

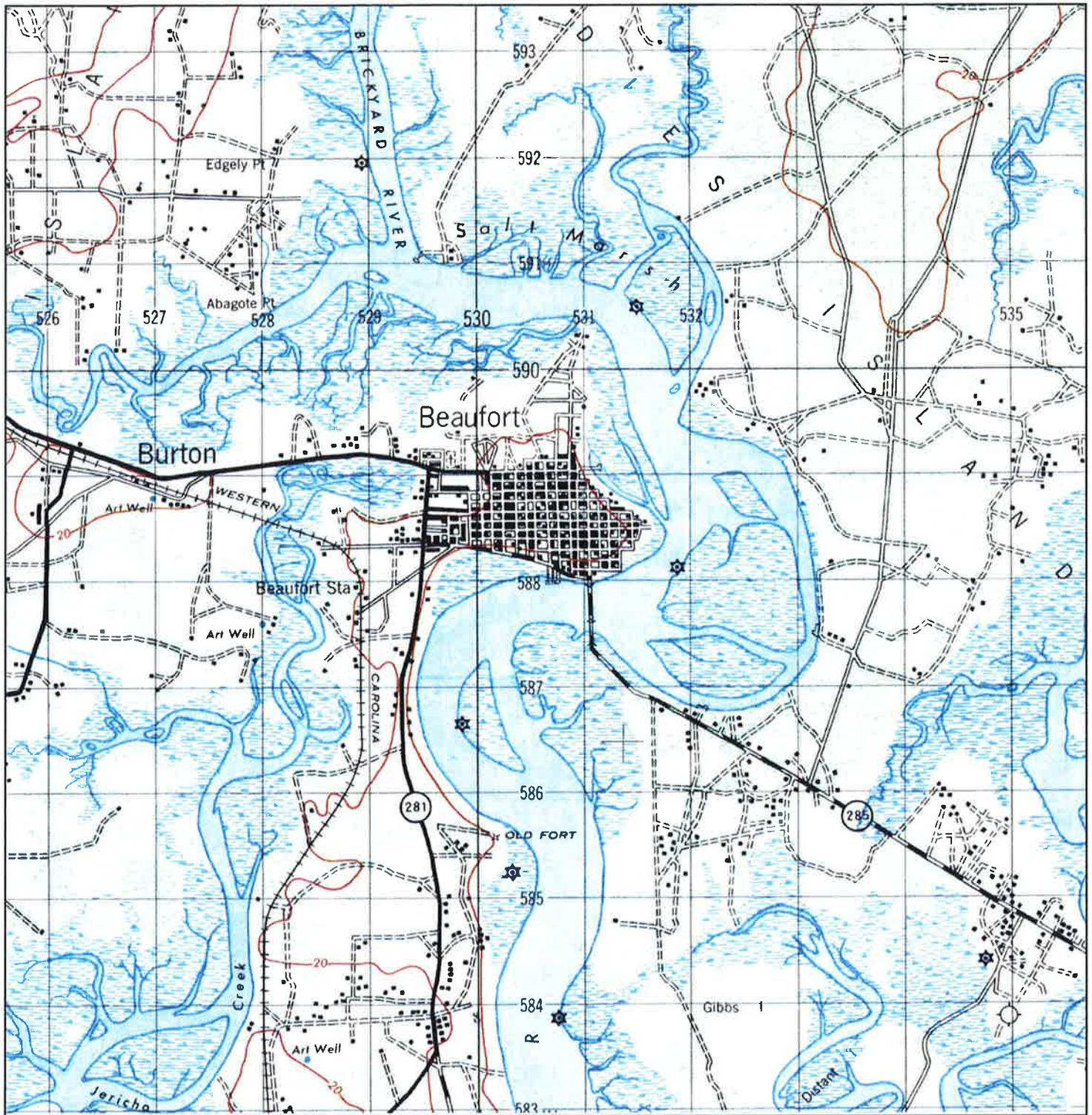
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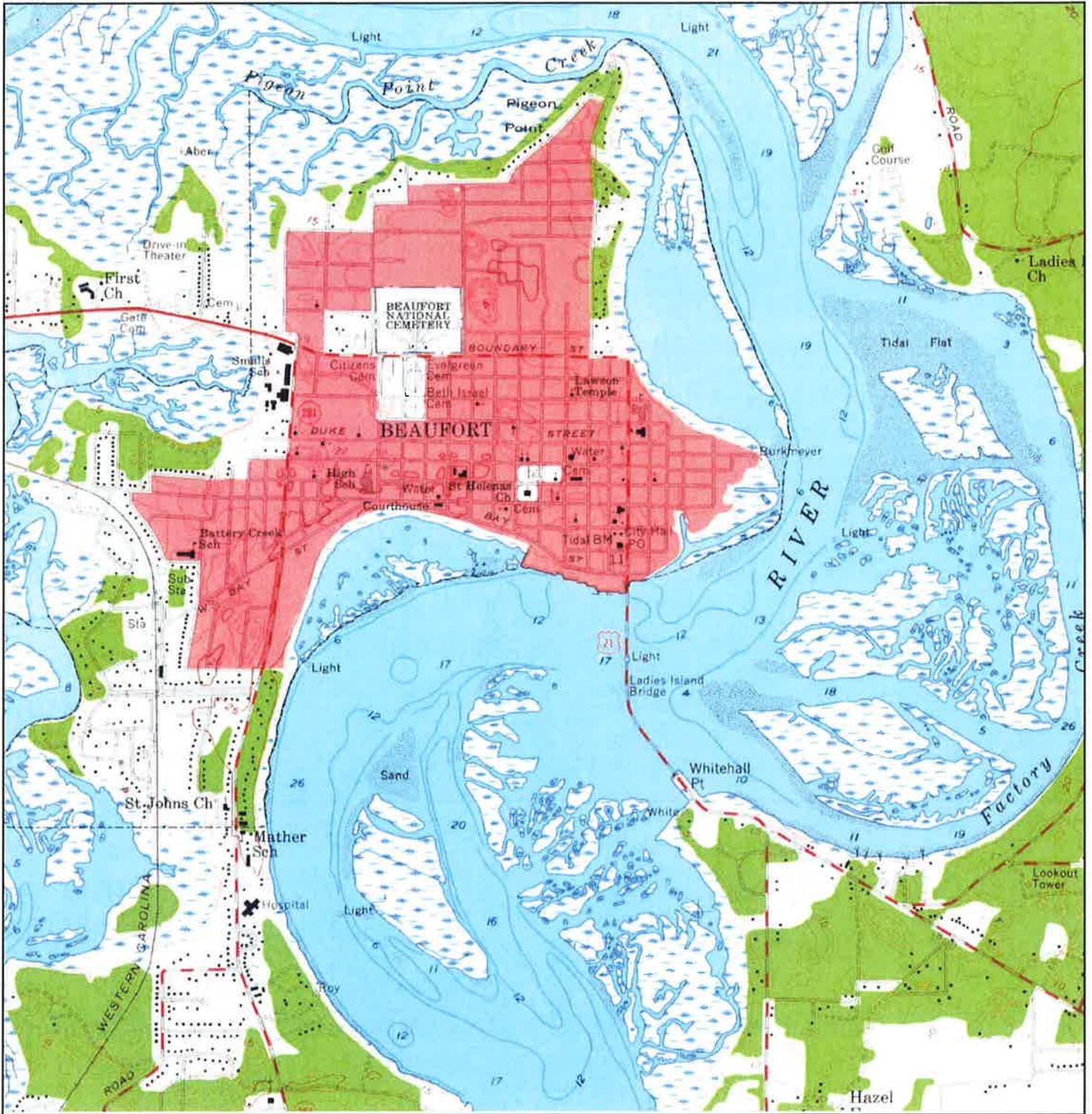
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# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: FORT FREMONT MAP YEAR: 1944</p>	<p>SITE NAME: Beaufort Marina ADDRESS: 1010 Bay Street Beaufort, SC 29902 LAT/LONG: 32.4311 / -80.6739</p>	<p>CLIENT: Whitaker Laboratory CONTACT: Donald INQUIRY#: 3518290.4 RESEARCH DATE: 02/13/2013</p>
	<p>SERIES: 15 SCALE: 1:50000</p>		

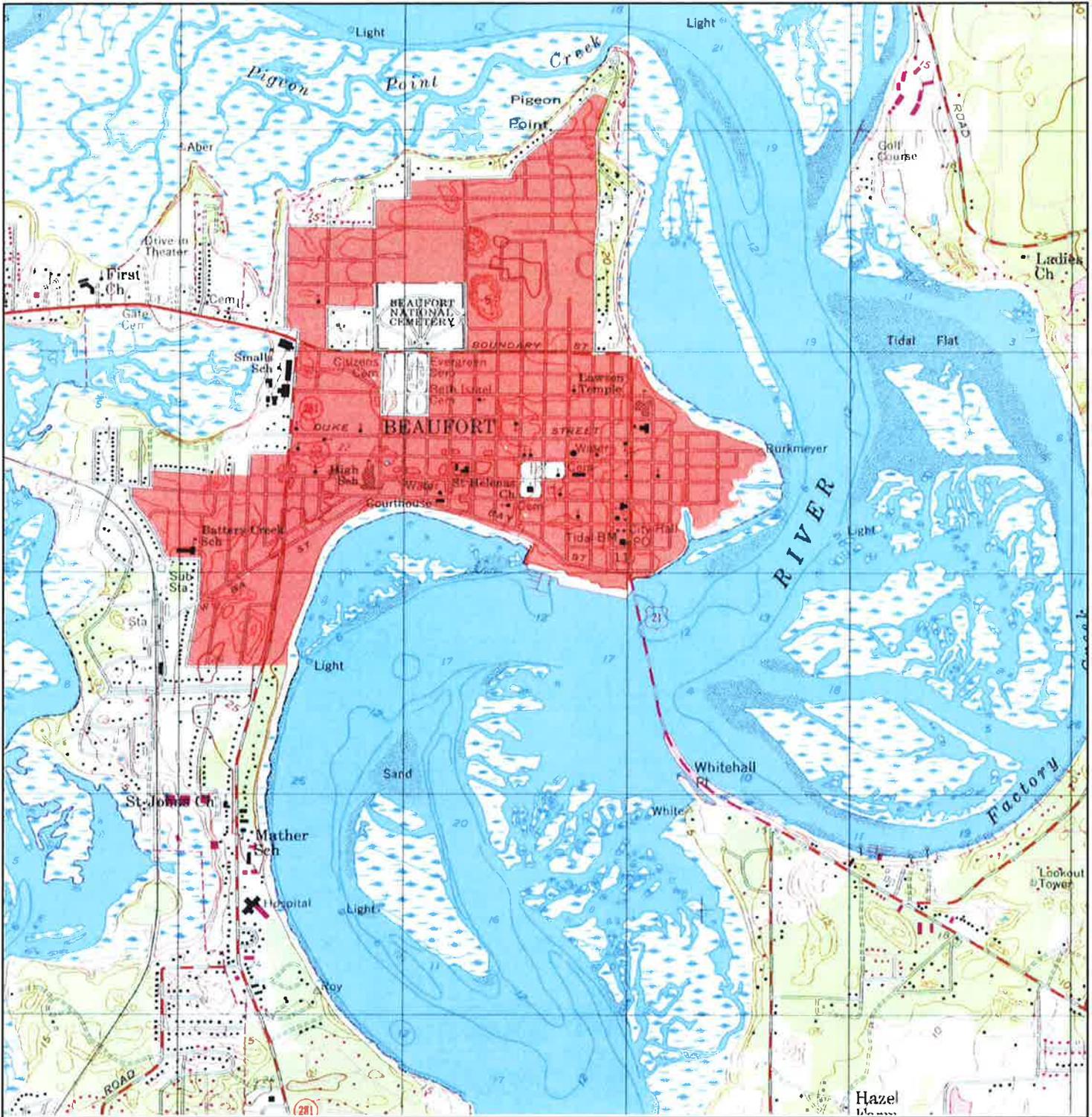
# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: BEAUFORT MAP YEAR: 1958</p>	<p>SITE NAME: Beaufort Marina ADDRESS: 1010 Bay Street Beaufort, SC 29902 LAT/LONG: 32.4311 / -80.6739</p>	<p>CLIENT: Whitaker Laboratory CONTACT: Donald INQUIRY#: 3518290.4 RESEARCH DATE: 02/13/2013</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		



# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: BEAUFORT MAP YEAR: 1998</p>	<p>SITE NAME: Beaufort Marina ADDRESS: 1010 Bay Street Beaufort, SC 29902</p>	<p>CLIENT: Whitaker Laboratory CONTACT: Donald INQUIRY#: 3518290.4</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>	<p>LAT/LONG: 32.4311 / -80.6739</p>	<p>RESEARCH DATE: 02/13/2013</p>



**Beaufort Marina**

1010 Bay Street

Beaufort, SC 29902

Inquiry Number: 3518290.5

February 13, 2013



## The EDR Aerial Photo Decade Package

# EDR Aerial Photo Decade Package

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

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**Date EDR Searched Historical Sources:**

Aerial Photography February 13, 2013

**Target Property:**

1010 Bay Street

Beaufort, SC 29902

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1951	Aerial Photograph. Scale: 1"=750'	Panel #: 32080-D6, Beaufort, SC;/Flight Date: March 15, 1951	EDR
1961	Aerial Photograph. Scale: 1"=1000'	Panel #: 32080-D6, Beaufort, SC;/Flight Date: October 16, 1961	EDR
1968	Aerial Photograph. Scale: 1"=750'	Panel #: 32080-D6, Beaufort, SC;/Flight Date: April 16, 1968	EDR
1977	Aerial Photograph. Scale: 1"=1000'	Panel #: 32080-D6, Beaufort, SC;/Flight Date: February 20, 1977	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 32080-D6, Beaufort, SC;/DOQQ - acquisition dates: January 22, 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 32080-D6, Beaufort, SC;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 32080-D6, Beaufort, SC;/Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 32080-D6, Beaufort, SC;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 32080-D6, Beaufort, SC;/Flight Year: 2011	EDR



INQUIRY #: 3518290.5

YEAR: 1951

— = 750'



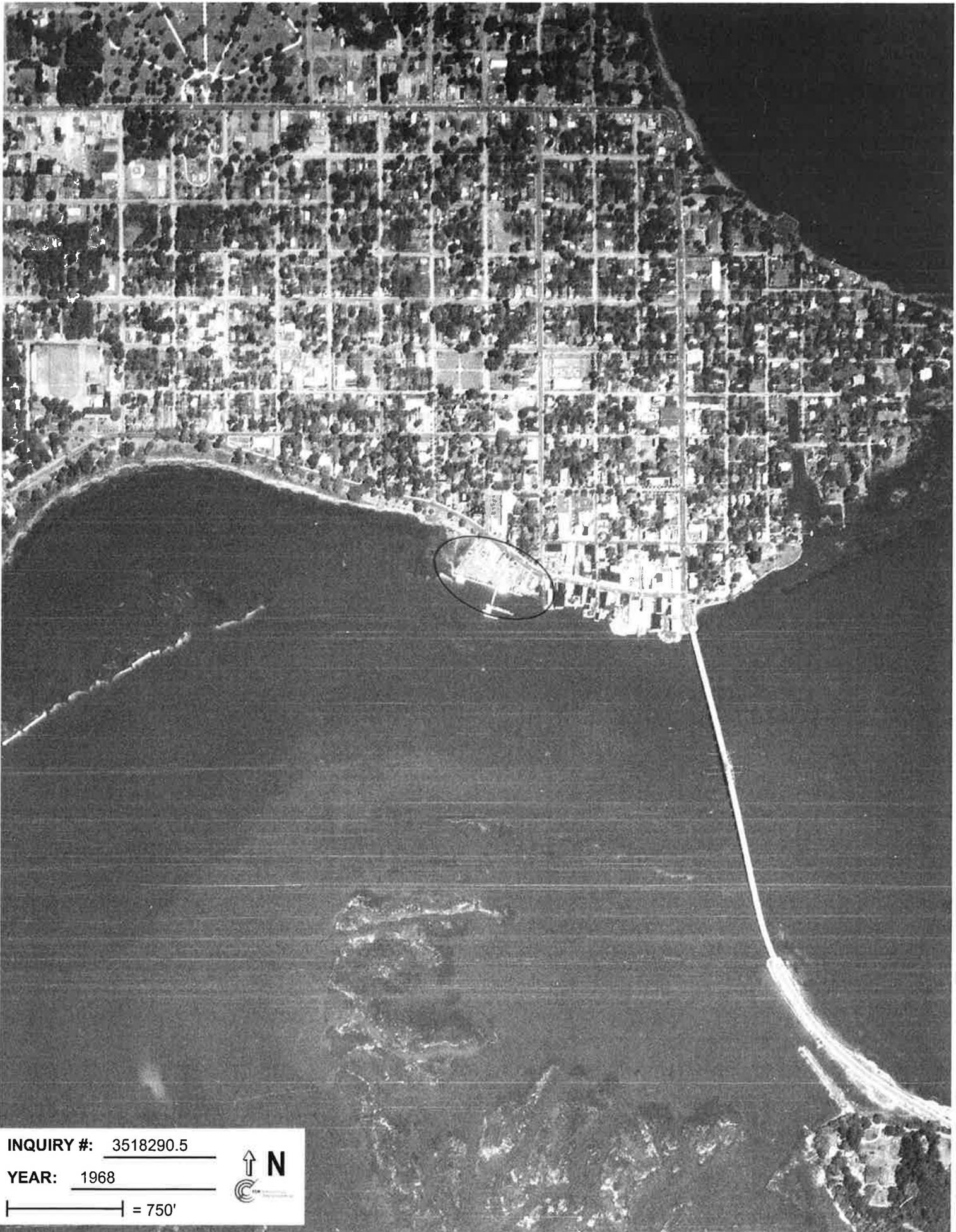


INQUIRY #: 3518290.5

YEAR: 1961

| = 1000'



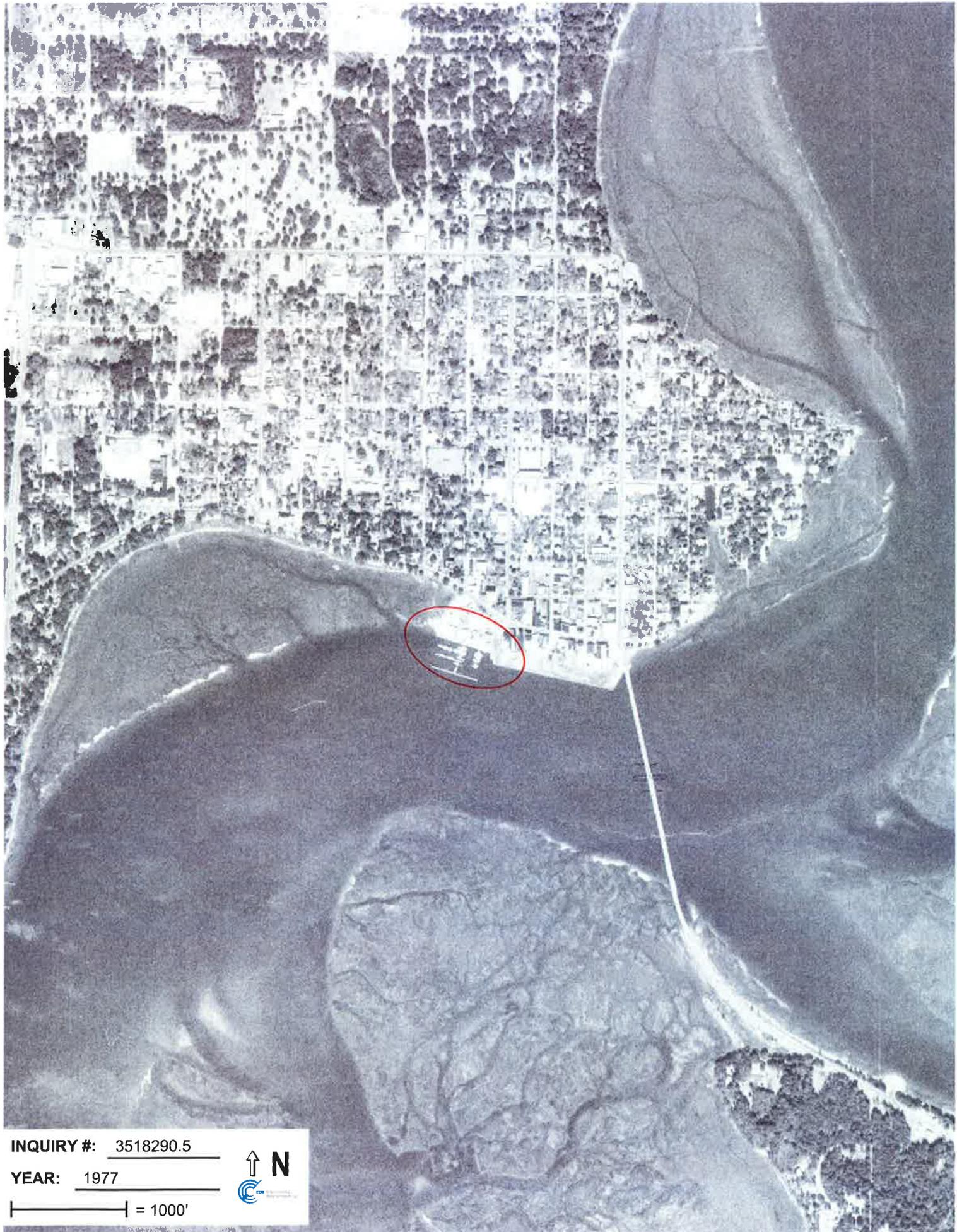


INQUIRY #: 3518290.5

YEAR: 1968

| = 750'





INQUIRY #: 3518290.5

YEAR: 1977

 = 1000'





INQUIRY #: 3518290.5

YEAR: 1994

 = 500'





**INQUIRY #:** 3518290.5

**YEAR:** 2005

**|** = 500'





**INQUIRY #:** 3518290.5

**YEAR:** 2006

**—|— = 500'**





**INQUIRY #:** 3518290.5

**YEAR:** 2009

**|—————| = 500'**





**INQUIRY #:** 3518290.5

**YEAR:** 2011

**|** = 500'



**Beaufort Marina**

1010 Bay Street  
Beaufort, SC 29902

Inquiry Number: 3518290.6  
February 14, 2013

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

**Executive Summary**

**Findings**

**City Directory Images**

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2012	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
2007	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
2002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1997	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1965	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory

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## FINDINGS

### TARGET PROPERTY STREET

1010 Bay Street  
Beaufort, SC 29902

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>Bay Street</u></b>		
2012	pg A1	Polk's City Directory
2007	pg A2	Polk's City Directory
2002	pg A3	Polk's City Directory
1997	pg A4	Polk's City Directory
1992	pg A5	Polk's City Directory
1987	pg A6	Polk's City Directory
1982	pg A7	Polk's City Directory
1976	pg A8	Hill's City Directory
1971	pg A9	Hill's City Directory
1965	pg A10	Hill's City Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

Bay Street 2012

BAY ST Cont'd

WFLX-TV radio stations broadcasting rd / @ .....843-524-9236  
 WFTS-TV radio stations broadcasting rd / @ .....843-524-9236  
 WTVT-TV radio stations broadcasting rd / @ .....843-524-9236  
 MAHARAJA PROPRIETARY TRADING genl merchandise whol /  
 @ .....843-379-2822  
 4 MAIN STREET BEAUFORT USA civic org / @ .....843-529-6844  
 817 Tullis M. Miller / @  
 815 BAY STREET OUTFITTERS guide serv / @ .....843-524-5250  
 817 ROSIGNOL 5 gift shops / @ .....843-524-2175  
 818 SIMKINS ENVIRONMENTAL envrntmt & ecolog serv / @  
 .....843-470-1200  
 A CRAFTSELLER gift shops / @ .....843-525-6104  
 820 Dukas Edward S / @  
 LOWCOUNTRY REAL ESTATE real estate / @ .....843-521-4200  
 822 Q ON BAY restaurants / @ .....843-524-7771  
 + W STREET EXIT ENDS  
 + WEST ST INTERSECTS  
 901 RHETT GALLERY INC art galleries & dirs / @ .....843-524-3339  
 902 BAY STREET JEWELERS INC diamonds / @ .....843-524-4165  
 BEAUFORT YACHT CLUB clubs / @ .....843-524-7429  
 903 IN HIGH COTTON linens retail / @ .....843-522-1405  
 904 PLUMS RESTAURANT restaurants / @ .....843-525-1946  
 905 BOONDOOGLES swimwear & accessories retail / @  
 .....843-524-2334  
 907 PEGGY HOPKINS HEALTOR real estate / @ .....843-986-2495  
 SCOTT VERNELL I attorneys / @ .....843-522-9841  
 909 HOLLYHOCKS gift shops / @ .....843-524-4659  
 910 LUTHER S RARE & WELL DONE restaurants / @ .....843-521-1888  
 913 BEAUFORT ART ASSN art galleries & dirs / @ .....843-521-4444  
 @ Brunzer Ann /  
 915 LOWTHER & BONDS PA attorneys / @ .....843-379-5291  
 916 FUTURE DEVELOPERS INC real estate developers / @  
 .....843-524-2244  
 MORGAN KEEGAN & CO investment securities / @ .....843-525-8448  
 100 LOWCOUNTRY ECONOMIC NETWORK county government  
 / @ .....843-379-3955  
 100 NORTH & BLACK PC attorneys / @ .....843-379-0800  
 917 ART & SOUL GALLERY art galleries & dirs / @ .....843-379-9710  
 FINISHING TOUCHES ETC gift shops / @ .....843-522-1716  
 MFC DIRECT credit card other credit plans / @ .....843-379-4551  
 I Dobbyn Eric L & Lisa M / @  
 D PAPAYA ISLAND WAY 1111 women's apparel-retail / @  
 .....843-525-0513  
 E Burgess Lulu / @  
 E LULU BURGE SS gift shops / @ .....843-524-5858  
 F Sheehy Marilyn / @  
 F SOUTHERN SWEETS restaurants / @ .....843-379-0798  
 OYSTER CAY COLLECTION antiques dirs / @ .....843-525-0485  
 203 Benny Matthew G / @  
 919 BAY HAIRCRAFTERS beauty salons / @ .....843-524-6889  
 HARVEY'S BARBERSHOP barbers / @ .....843-379-8330  
 MC INTOSH BOOK SHOPPE book dirs used & rare / @  
 .....843-524-1119  
 920 CAROLINA REALTY real estate / @ .....843-521-2121  
 FINDER S KEEPERS con. dirs. sup. & etc / @ .....843-525-9200  
 HEMINGWAY S BISTRO restaurants / @ .....843-521-4480  
 McCarty Neal B / @  
 THOMAS WALLACE TEAM REAL EST real estate / @  
 .....843-524-2121  
 7 CENTURY 21 CAROLINA REALTY real estate / @  
 .....843-521-0021  
 25 CALHOUN SALLY attorneys / @ .....843-522-3875  
 25 Calhoun Sarah G / @ .....843-522-3875  
 27 THOMAS & DENZINGER PA architects / @ .....843-524-6361  
 921 FIRST CITIZENS BANK & TRUST banks / @ .....843-522-8088  
 926 PANINIS restaurants / @ .....843-379-0300  
 928 IT'S ME! FASHIONS women's apparel retail / @ .....843-524-2456  
 928 1/2 BUTTERFLY SHOP gift shops / @ .....843-986-0555  
 930 SEA ISLAND CARRIAGE CO & Gift TS tourist info / @ .....843-525-1821  
 + CHARLES ST INTERSECTS  
 + ZIP CODE 29902 CAR-RT C000  
 1001 BEAUFORT CATERING MARKET CAFE bakers-retail /  
 @ .....843-524-8882  
 GREENFISH ART GALLERY art galleries & dirs / @  
 .....843-379-1122  
 PE RKINS TOM insurance / @ .....843-522-1991  
 SPIRIT OF OLD BEAUFORT tours operators & promoters / @  
 .....843-525-0459  
 102 WELLS FARGO BANK banks / @ .....843-986-9333  
 301 BEAUFORT COUNTY OPEN LAND TRST envrntmt  
 conservation ecology / @ .....843-521-2175  
 + ZIP CODE 29902 CAR-RT C013  
 1002 Kresch Charles H / @ (1939)  
 LOWCOUNTRY DENTAL IMPLANT dentists / @ .....843-525-6264  
 SOUTHERN ROSE BUGGY TOURS tours-operations &  
 vendors / @ .....843-524-2900  
 1004 Bennett Michael W / @ (1974)  
 1005 WYLLIE MAHON / @ .....843-524-8422  
 1006 WYLLIE MAHON / @ (1978)  
 .....843-470-3097  
 + ZIP CODE 29902 CAR-RT C000  
 1011 @ Coulier John  
 1015 BEST WESTERN PLUS-SEA ISLAND hotels & motels / @  
 .....843-522-2990  
 + NEWCASTLE ST INTERSECTS  
 1103 SHORE INVESTMENT MGMT LLC investment securities / @  
 .....843-379-8150  
 VERITY INVESTMENT MANAGEMENT investment securities / @  
 .....843-379-6611  
 1111 BEAUFORT PLANNING GROUP enginon sys & equip mfrs / @  
 .....843-524-1141  
 PALMETTO DESIGN & CONSTRUCTION genl contractors / @  
 .....843-524-1404  
 RE/MAX ISLAND REALTY real estate / @ .....843-525-0020  
 SMITH LAW attorneys / @ .....843-379-8300  
 + CHURCH ST INTERSECTS

BAY ST Cont'd

1203 COUTBERT HOUSE INN bed & breakfast accommodations / @  
 .....843-521-1315  
 Thomas Arthur J / @  
 Thomas Jeff  
 1207 Cape Richard N & Catherine C / @ (11790) .....843-524-2020  
 1211 Traak George G / @ (1786)  
 + HARRINGTON ST INTERSECTS  
 1301 Painter David J & Carol B / @ (1850) .....843-524-1493  
 1305 No Current Lstng  
 1307 McSweeney Kelly / @ (1939)  
 McSweeney David B  
 Slevens Edward F & Trudy C / @ (1870) .....843-379-9050  
 + WILMINGTON ST INTERSECTS  
 1405 Dowling Geddes / @ (1815) .....843-524-7464  
 1411 Mrs Joseph A & Deanda M / @ (1896) .....843-524-8505  
 + ZIP CODE 29902 CAR-RT C000  
 1501 Kahn Douglas / @  
 US PROBATION & PAROLE OFC probation serv / @  
 .....843-524-4593  
 + NORTH ST INTERSECTS  
 + NORTH ST CONTINUES  
 1701 Kresch Charles H & Nora C / @ (1900) .....843-525-1940  
 1703 No Current Lstng  
 1705 Safran Henn / @  
 Safran Patricia  
 TWOSUNS INN BED & BREAKFAST bed & breakfast  
 accommodations / @ .....843-522-1122  
 1707 Ballenger Everett B & Pauline / @ (1930) .....843-525-1273  
 1709 Doppel Rod T / @ (1920)  
 2003 Ross Robert E & Caren J / @ (1938) .....843-522-8750  
 2007 Jameson Judith L & Wilkam J / @ (1940) .....843-522-9996  
 2009 - 2011 No Current Listing (2 Hses)  
 + GLEBE ST INTERSECTS  
 + GLEBE ST CONTINUES  
 + ZIP CODE 29902 CAR-RT C000  
 2101 No Current Lstng  
 + ZIP CODE 29902 CAR-RT C000  
 2102 Lepstz Joseph W & Lucile B / @ (1955) .....843-524-2906  
 2106 Rabenowitz Louis E & Krishna S / @ (1948)  
 + ZIP CODE 29902 CAR-RT C000  
 2107 Newton Marie R & Elizabeth F / @ (1995) .....843-522-8889  
 2109 Wooten Thomas J Jr & Pamela C / @ (1951)  
 + EUPHAY ST BEGINS  
 + ZIP CODE 29902 CAR-RT C000  
 2203 No Current Lstng  
 2207 Helner Ashley A / @ (1941) .....843-379-8130  
 Helner Katherine G .....843-379-8130  
 2208 Cup William B Jr & Deana O / @ (1953)  
 2210 Fort M L / @  
 2212 Reynolds Wayne C & Peggy W / @ (1950) .....843-524-5573  
 + DEPT RD INTERSECTS  
 + REALTY RD INTERSECTS  
 BUSINESSES 87 HOUSEHOLDS 53  
 BAY CLUB CT (BLUFFTON)-FROM 22 CARRINGTON PT WEST  
 + ZIP CODE 29910 CAR-RT R042  
 1 Rachle Carl J & Martha M / @ (2002) .....843-757-8474  
 2 Omer Hans J & Brunhilde E / @ (2001) .....843-757-4461  
 3 Wiggins Harold R & Connie / @ (2003) .....843-815-6860  
 HOUSEHOLDS 13  
 BAY PINES DR (WILTON HEAD ISLAND)-FROM 287 PALMETTO BAY RD  
 NORTHWEST  
 + ZIP CODE 29928 CAR-RT C000  
 1 Bibaud Steven J & Cecile D / @ (1972) .....843-842-2743  
 2 Miller Michael J / @ (1971) .....843-715-0235  
 Oran John / @  
 3 Chance Tom V & Toni L / @ (1972)  
 FOREST OAK LANDSCAPING LLC lawn & grounds maintenance /  
 @ .....843-842-4579  
 4 Norby Mane T / @ (1971) .....843-785-2780  
 5 Guangzhi Joan M / @ (1990) .....843-785-8907  
 6 McDevitt Richard V / @ (1971) .....843-785-9442  
 McDevitt Catherine P .....843-785-9442  
 7 Trudreau Alan M & Colleen M / @ (1984) .....843-785-7480  
 8 Booth Cathy N / @ (1970) .....843-785-7480  
 Booth Rebecca E .....843-785-7480  
 9 @ Lisa Annette / @  
 10 Conway James T / @ (1990)  
 Stewart Michael T & Kirstan L / @ @  
 11 - 12 No Current Lstng (2 Hses)  
 13 Clark Timothy E & Lois J / @ (1970) .....843-842-3991  
 14 Kurkut John C & Debra A / @ (1970) .....843-785-5927  
 VERTICAL CONSTRUCTION LLC building contractors / @  
 .....843-785-5945  
 15 Armaly Katherine E / @  
 Pfeifer Nicholas A /  
 Spencer Patricia K / @ (1990) .....843-842-3805  
 16 Riley Karin A / @ (1970) .....843-842-3805  
 Riley Te M .....843-842-3805  
 17 @ Creamer Jennifer  
 @ Parson Kristen  
 18 Clark Sherry M / @ (1969) .....843-842-4662  
 19 Wiscoke Julian S & Betty A / @ (1969) .....843-785-4518  
 20 ACE TREE EXPERTS tree serv / @ .....843-681-4888  
 Triggs Troutie M / @ (1978)  
 21 Stuart Ian J / @ (1984) .....843-715-2072  
 Stuart Brule .....843-715-2072  
 22 No Current Lstng  
 23 Wilkins Billy F Jr / @ (1969)  
 24 Nguyen Tuan Q / @ (1967)  
 Nguyen Mao  
 25 - 28 No Current Listing (2 Hses)  
 27 Peard Olga E / @ (1966) .....843-785-6957  
 28 No Current Lstng  
 30 Prescott Jack C Jr & Diane M / @ (1965)  
 31 @ Graziano Rita /  
 32 Hicks Holly F / @ (1980) .....843-785-7378

**Bay Street 2007**

**BAY ST Cont'd**

25 CALHOUN SALLY attorneys .....843-522-3875  
 27 THOMAS & DENZINGER architects .....843-524-6361  
 921 FIRST CITIZENS BANK & TRUST CO banks .....843-522-8088  
 926 BANK restaurants .....843-379-3064  
 PANINI'S restaurants .....843-379-0300  
 928 CRAVINGS BY THE BAY gourmet shops .....843-522-3000  
 928 1/2 BUTTERFLY SHOP gift shops .....843-986-0555  
 930 IT'S ME FASHIONS women's apparel retail .....843-525-1821

**+ CHARLES ST INTERSECTS**

**+ ZIP CODE 29902 CAR-RT C003**

1001 BAILLEY LAW FIRM attorneys .....843-525-6090  
 BEAUFORT CATERING & MARKET bakers retail .....843-524-8882  
 MARSHALL JR BRUCE attorneys .....843-524-3200  
 MORGAN KEEGAN & CO stock & bond brokers .....843-522-0700  
 Orr Chris [9]  
 PERKINS TOM insurance .....843-522-1991

**+ ZIP CODE 29902 CAR-RT C013**

~~1002 BEAUFORT TOUR SVC tours operators & promoters .....843-525-1300~~  
~~CAROLINA BEAUFORT TOUR tours operators & promoters .....843-525-1300~~  
 LOWCOUNTRY DENTAL IMPLANT CTR dentists .....843-525-6264

**+100F @ Beaufort Waterfest H**

Caron Robert [3] .....843-521-9955  
 DOWNTOWN MARINA marinas .....843-524-4422

**+1010 French Helen G [9]**

SEA ISLAND AMUSEMENTS INC amusement devices .....843-524-4625

**+ ZIP CODE 29902 CAR-RT C003**

1011 ATLANTIC SAVINGS BANK banks .....843-986-9333  
 HAROLD A BONEY LAW OFFICE attorneys .....843-524-0090  
 WACHOVIA BANK banks .....843-982-5850  
 WACHOVIA MORTGAGE CORP real estate loans .....843-986-9333  
 1015 BEST WESTERN INN hotels & motels .....843-522-2090

1025 @ Jones Todd

**+ PORT REPUBLIC ST INTERSECTS**

**+ NEWCASTLE ST INTERSECTS**

1103 303 ASSOCIATES real estate .....843-379-9544  
 GRID REAL ESTATE CO real estate .....843-379-0888  
 NORTH & BLACK PC attorneys .....843-379-0800  
 North John E Jr [6] .....843-379-0800  
 SHORE INVESTMENT MGMT LLC investment mgmt .....843-379-8150  
 VERITAS ASSET MANAGEMENT financial advisory serv .....843-379-6661  
 1105 MC CORMICK JEAN K attorneys .....843-522-3710  
 PAUL H INFINGER LLC attorneys .....843-521-5015  
 RAYMOND H WILLIAMS LAW OFFICES attorneys .....843-521-5009  
 1111 BEAUFORT PLANNING GROUP landscape contractors .....843-524-1141  
 JIM BROWN LAW OFFICES attorneys .....843-470-0003  
 KELLY N MC GOWAN & ASSOC insurance .....843-524-6707  
 Tarr David & Paige [2] .....843-379-1006  
 WELLS FARGO HOME MORTGAGE real estate loans .....843-982-0198

**+ CHURCH ST INTERSECTS**

**+ CRAVEN ST ENDS**

1201 @ Oconnor Carina  
 1203 CUTHBERT HOUSE bed & breakfast accommodations .....843-521-1315  
 Groves Gary E & Sharon L [12] @  
 1207 Ceips Richard N & Catherine C [11] @ .....843-524-2020  
 1211 MANSE MANAGEMENT CO office buildings & parks .....843-524-0075  
 Trask George G & Constance B [16] @ .....843-522-1399

**+ HARRINGTON ST INTERSECTS**

1301 Painter David J & Carol B [14] @ .....843-524-9416  
 1305 No Current Listing  
 1307 Macsweeney David B [2] @  
 Macsweeney Kelly

**+ WILMINGTON ST INTERSECTS**

**+ WILMINGTON ST CONTINUES**

1405 Dowling David S [4] @ .....843-524-7464  
 Dowling Geddes .....843-524-7464  
 1411 No Current Listing  
 1501 US MARSHALS SVC federal government police .....843-524-3054  
 US PROBATION & PAROLE OFF probation serv .....843-524-4593



Bay Street 2002

27 DENZINGER HERMANN architects	843-524-6361
27 THOMAS & DENZINGE architects	843-524-6361
921 FIRST CITIZENS BANK & TRUST CO banks	843-522-8088
926 BANK WATER FRONT GRIL & BAR restaurants	843-522-8831
928 CRAVINGS BY THE BAY gourmet shops	522-3000
928 1/2 BUTTERFLY SHOP gift shops	843-986-0555
930 IT'S ME TOO JUNIOR MISSY FSHNS childrens & infants wear	843-525-1821
+ CHARLES ST INTERSECTS	
• ZIP CODE 29802 CAR-RT C003	
1001 @ Mitchell Eric	
SUN TRUST MORGAGE CORP real estate loans	843-522-3322
101 PALMETTO PUBLISHING publishers-periodical	843-524-7773
1002 KRESCH CHARLES H DDS dentists	843-525-6264
LOWCOUNTRY DENTAL IMPLANT CTR dentists	843-525-6284
1006 BOQUARD PATRICIA	843-812-6447
DOWNTOWN MARINA marnes	
	843-524-4422
1010 French Helen G [2]	843-470-9097
1011 HAROLD A BONEY LAW OFFICE attorneys	843-524-0090
WACHOVIA BANK banks	843-982-5850
1015 BEST WESTERN INN banquet rooms	843-522-2090
+ PORT REPUBLIC ST INTERSECTS	
+ NEWCASTLE ST INTERSECTS	
1105 BEAUFORT ABSTRACT & TITLE CO title companies	521-5000
DUKES III MARVIN H attorneys	521-5000
DUKES WILLIAMS & INFINGER attorneys	521-5000
INFINGER PAUL H attorneys	521-5000
MC CORMICK III HARVEY W attorneys	525-0004
RIVER TITLE INC title companies	843-982-0288
WILLIAMS RAYMOND H attorneys	521-5000
1111 JIM BROWN LAW OFFICES attorneys	470-0003
+ CHURCH ST INTERSECTS	
1203 CUTHBERT HOUSE bed & breakfast accommodations	843-521-1315
Groves Gary E & Sharon L [7] ♣	843-521-0025
1207 Ceips Richard N & Catherine C [8]	843-524-2020
1211 Trask George G & Constance B [20] ♣	843-522-1399
+ HARRINGTON ST INTERSECTS	
1301 Painter David J & Carol B [10]	843-524-1493
1305 Trask Flora G [20]	843-524-1095
Trask John M	843-524-1095
1307 Ferran Howard J II [5]	
+ WILMINGTON ST INTERSECTS	
1405 Not Verified	
1411 Mix Joseph A [20] ♣	843-524-8505
1501 US MARSHALS SVC	843-524-3054
+ NORTH ST INTERSECTS	
+ ADVENTURE ST BEGINS	
1701 Kresch Charles H & Nora C [14] ♣	843-525-1840

Bay Street 1997

Target Street	Cross Street	Source
<b>BAY ST</b>	<i>cont'd</i>	<b>BAY ST</b>
PALMETTO SERVICE CORP bank	525-8441	CUTHBERT HOUSE INN THE bed & breakfast inn
917 OLD BAY MARKET PLACE mini mall	522-2121	1203a Groves Gary & Sharon
<b>+ UNITS</b>		521-1315
A ROTONDO'S PIZZA subs & ice cream	524-2212	1207 Ceips Richard N
919 B-C Vacant (2 Suites)		20 Chase Lil
917 D KINARD'S JEWELERS	524-7700	2 Koverman Andrea
E MC INTOSH BOOK SHOPPE books retail	524-1119	1211 Trask George G & Connie
919 A JASMINE women's clo store	524-6660	522-1399
B PALMETTO ART GALLERY civil war gifts art gallery	522-2110	<b>+ HARRINGTON ST INTERSECTS</b>
H Vacant		1301 Vacant
HARVEY'S BARBER & BEAUTY SHOP beauty salon	522-9695	1305 Ceips Richard N
G PING'S	521-2545	1307 Not Verified
920 THOMAS LAW BUILDING		<b>+ WILMINGTON ST INTERSECTS</b>
Rooms		1405 Dowling Grafton G
1 FINDERS KEEPERS gift & coin shop	525-9200	524-7464
2 FRIPP COMPANY RECEPTION CENTER real est-resort	521-2003	1411 Mix Joseph A
6 NINE TWENTY-THREE TAX SERVICE	524-5425	524-8505
23 EX SOURCE	525-0333	<b>+ MONSON ST INTERSECTS</b>
25 FINANCIAL DESIGNS INC fin servs	524-1661	1501 U S DISTRICT COURT HOUSE
27 CARDINAL ENGINEERING INC		U S PROBATION OFFICE
27 THOMAS & DENZINGER ARCHITECTS archts	524-6361	524-4593
HEMINGWAY'S restr	521-4480	U S COURT SECURITY
921 FIRST PALMETTO SAVINGS	522-8088	U S MARSHALL
919 HARVEY'S BARBER SHOP barber shops	522-9695	8
926 BANK GRILL AND BAR THE restr	522-8831	<b>+ BLADEN ST INTERSECTS</b>
928 CRAVINGS BY THE BAY gift shop	522-3000	<b>+ ADVENTURES ST INTERSECTS</b>
928 1/2 BEAUFORT BUTTERFLY COMPANY ret gift shop	986-0555	1701 Kresch Charles H & Nora
930 IT'S ME TOO ladies & misses	525-1821	525-1840
<b>+ CHARLES ST INTERSECTS</b>		1703 Zoe Thomas
1001 GEORGE PARSONS ELLIOT HOUSE ofc bldg		1705 TWOSUNS INN
HUFFINES COMPANY L L C THE real estate	986-2300	Kay Ron P & Carrol
202 CAPITAL FINANCIAL CONSULTANTS financial planning	522-1200	522-1122
301 FAIRBANKS & LINDSAY P A attys	521-1580	1707 Not Verified
302 DE MARTIN JIM & ASSOCIATES mgmt conslts	524-1177	1709 Witter Lee F & Mary Ellen
D W LEE INC ocean frt cntrs		525-0584
1002a KRESCH CHARLES H dentist	525-6264	<b>+ HAMAR ST INTERSECTS</b>
1002b POINT HISTORIC TOURS THE historic tours	522-3576	1802 Dornby Samuel F & Sally
1006 GREATER BEAUFORT CHAMBER OF COMMERCE	524-3163	525-6534
1010 ISLANDER cruises	986-5406	1806b Not Verified
CARRIAGE TOURS OF BEAUFORT BOARDING STATION historic tours	521-1851	1813 Stewart Clara J
DOWNTOWN MARINA OF BEAUFORT THE	524-4422	2003 Not Verified
BLACKSTONE'S BARGE historic river tours	524-4330	2007 Fender Jane Dowling
ACE BASIN TOURS INC river tours	521-4447	524-7820
1011 WACHOVIA BANK OF S C N A	522-2213	2009 Kemp Alan R & Eileen
1015 BEST WESTERN SEA ISLAND INN	522-2090	524-5386
<b>+ NEWCASTLE ST INTERSECTS</b>		2011 Vacant
1103 ANCHORAGE HOUSE THE restr	524-9392	<b>+ GLEBE ST INTERSECTS</b>
Kedge Michael & Fredree	524-9352	2101 Lipsitz Hyman D & Helene
1105 DUKES WILLIAM INFINGER & MEEKS lwys	521-5000	524-7563
1111 KEYSERLING HERBERT B physicians	524-2255	2102 Lipsitz Joseph W & Lucille
<b>+ CHURCH ST INTERSECTS</b>		524-2906
		Lipsitz Barry M
		2106 Rabinowitz Ethel L
		524-4721
		2109 Lyon Henry C & Bobo
		<b>+ EUHAW ST INTERSECTS</b>
		2203 Bessinger Montine H
		524-6615
		2207 Faase Rev Albert A
		524-4319
		2208 Derrick
		2210 Thomas Clifton
		524-7569
		2212 Dobyms Frank D
		524-8855
		<b>+ RIBAUT INTERSECTS</b>
		BUSINESSES 107 HOUSEHOLDS 30
		<b>BAYNARD ST -FROM 804 PINCKNEY ST WEST</b>
		11
		<b>. ZIP CODE 29902</b>
		<b>+ PINCKNEY ST INTERSECTS</b>
		301 Vacant
		302 Swartz Paul
		524-5076
		313 Aymar Charles S & Jeanne
		524-9611
		317 Davis Thomas C & Reed
		525-1143
		Davis Reed
		525-1143
		<b>+ HAMILTON ST INTERSECTS</b>
		410 Coslick Frank E & Caroline
		524-1792
		411 Pringle Wyatt B Sr & Sally
		524-5890
		<b>+ EAST ST INTERSECTS</b>
		HOUSEHOLDS 5
		<b>BEAUFORT PLZ -A SHOPPING CENTER LOCATED ON ROBERT SMALLS PKWY</b>
		1A
		<b>. ZIP CODE 29902</b>
		2850 BEAUFORT PLAZA shopping center



**Bay Street**

**1987**

**BAY ST-Contd**

- 910 Luther's Pharmacy Inc  
524-4154
  - 913 Port Royal Antiques
  - 915 Carolina Woodlore Shoppe gift  
shop 524-2250
  - 916 Palmetto Federal Savings  
Bank 525-8410
  - 917 Shuckers W G restr 525-0076  
Thum' Prints art gallery  
Ice Creams & Coffee Beans  
Bay Market Florist  
Kinard's Jewelers 524-7700  
High Tide surf shop 524-2334
  - 919 Harvey's Barber Shop 524-5176
  - 920 Thomas Law Building  
Thomas & Denzinger archts  
524-6361  
U S Congressman congressmn  
524-2166  
Barclays American Financial  
Inc 524-1273  
Thomas James G Iwyr  
524-3660
  - 921 South Carolina Federal  
Savings Bank 524-2137  
Harvey's Barber Shop 524-5176
  - 922 Vacant
  - 924 Vacant
  - 926a Vacant
  - 928 Woods Cove Nautical  
Collectibles
  - 928½ Vacant
  - 930 Woods Cove Ltd  
Bay Kids 524-9277
- CHARLES ST INTERSECTS  
NUMBERS IRREGULAR**
- 1001 Elliott George Parsons House  
Museum 524-8450  
Historic Beaufort Foundation  
Eyeglass Place The & The  
Contact Lens Cntr 524-7421  
South Carolina Federal  
(Mortgage Dept) 524-3139
  - 1001a County Water Festival  
524-0600
  - 1002 Kresch Charles H dentist  
524-2838

- 1006 Greater Beaufort Chamber  
Of Commerce 524-3163
- 1011 South Carolina National  
Bank 524-2196
- 1010 Hertz Rent A Car 524-7170  
Downtown Marina Of  
Beaufort The 524-4422
- 1014 Vacant
- 1015 Rotary Club  
Sea Island Motel 524-4121  
Flag Room Restaurant  
524-5200

**NEWCASTLE ST INTERSECTS**

- 1103 Anchorage House The restr  
524-9392  
Jorgensen Stig
- 1105 Dowling Sanders Dukes  
Svalina & Williams Iwyr  
524-4137
- 1111 Keyserling B Herbert phys  
524-2255

**CHURCH ST BEGINS**

- 1203 Logan Thos ● 524-3435
- 1203a Ramsey Sandra F 524-1698
- 1207 Bull Coralee K Mrs ●  
524-6694  
Sammons Angie L Mrs ●
- 1211 Trask Geo G ● 524-2331

**HARRINGTON ST BEGINS**

- 1301 Wheeler Clyde I ● 524-4977
- 1305 Trask John M Mrs ●  
524-4149
- 1307 Coffman Paul Jr ● 525-6333

**WILMINGTON ST BEGINS**

- 1405 Dowling Grafton G ●  
524-7464
  - 1411 Mix Joseph A ● 524-8505
- MONSON ST BEGINS**
- 1501 County Court House  
County Aud 525-7287  
County Clk Of Ct 525-7307  
County Tax Assessor  
525-7295  
County Treas 525-7301  
County Register Of Mesne  
Conveyance 525-7298



**Bay Street 1982**

524-2137

922 Atlantic Imports

924 Cinema One 524-5465

926a Stewart Jewelers 524-6191

928 Ebbtide sea shells 524-4475

928½ Vacant

930 Vacant

**CHARLES ST INTERSECTS  
NUMBERS IRREGULAR**

1001 Elliott George Parsons House  
Museum 524-8450

Eyeglass Place The & The  
Contact Lens Center  
524-7421

1001a Tootle Kenneth L lwyr  
524-0424

1002 Kresch Charles H dentist  
524-2838

- 1006 Beaufort County Chamber Of  
Commerce 524-3163

1011 Bank Of Beaufort 524-2196  
Bank Of Beaufort Travel  
Agency 524-3301

- 1010 Hertz Rent-A-Car 524-7170  
Downtown Marina Of  
Beaufort The 524-4422

- 1014 Bay Fina Station 524-8550

1015 Rotary Club  
Sea Island Motel 524-4121  
Sea Island Motel Restaurant  
524-5200  
Flag Room Restaurant  
524-5200

9

**NEWCASTLE ST INTERSECTS**

1103 Anchorage House The restr  
524-9392

★Nielsen Vagn

1105 Dowling Sanders Dukes &  
Svalina P A lwyr 524-4137

1111 Keyserling B Herbert phys  
524-2255

**CHURCH ST BEGINS**

1203 Vacant

✓

-

**Bay Street            1976**

**BAY ST—Contd**

921 South Carolina Federal  
Savings & Loan Assn  
524-2137

922 Hutchinson Raymond T optom  
524-7421

924 Cinema One 524-5465

926a Stewart Jewelers 524-6191

928 Foxy Lady beauty salon  
524-4014

928½ Vacant

930 Kiddie's Pleasure nursery  
524-6683

**CHARLES ST INTERSECTS**

1001 George Parsonr Elliott House  
Museum

1002 Lipsitz Hyman D dentist  
524-4665

• 1004 Beaufort County Chamber Of  
Commerce (ofc)

• 1006 Beaufort County Chamber Of  
Commerce 524-3163

1011 Bank Of Beaufort 524-2196

• 1014 Hertz Rent-A-Car 524-7170  
Dountoun Marina Beaufort  
524-4422  
Griffin's Fina Station  
524-7170

1015 Business And Professional  
Women's Club  
Rotary Club  
Sea Island Motel 524-4121  
Sea Island Motel Restaurant  
524-5200  
Flag Room Restaurant  
524-5200

9

**NEWCASTLE ST INTERSECTS**

1103 Anchorage Inn restr  
524-0261

1105 Dowling Dowling Sanders &  
Dukes P A lwyr 524-4137

1111 Keyserling B Herbert phys  
524-2255

**CHURCH ST BEGINS**

1203 Cuthbert-Logan House apts  
524-3435  
Haskell Natalie Mrs  
524-5807  
Rockwell G David 524-7119  
Mc Allanley Deborah  
524-2506  
★Bales Corene  
★Grant Lisa



**Bay Street 1971**

924 Breeze Cinema Showcase  
524-5465

926a Stewart Jewelers 524-6191

928 Lee's Beauty Salon 524-4014

928½ Ingleright Ray F liquors

930 Theresa's women's clo

524-2646

**CHARLES ST INTERSECTS**

1001 Bank Of Beaufort The bkpg  
dept

Bank Of Beaufort Historic  
Foundation House museum

1002 Lipsitz Hyman D dentist

524-4665

• 1004 Beaufort County Chamber Of  
Commerce (ofc)

• 1006 Beaufort County Chamber Of  
Commerce 524-3163

1009 Credit Bureau Of Greater  
Beaufort Inc 524-4195

Crawford & Co Insurance

Ajusters 524-8400

1011 General Adjustment Bureau  
Inc 524-8311

Black Wescoat A phys

524-2220

Darneille Calvin

• 1014 Hertz Rent-A-Car 524-7170

Griffin's B P Marina

524-9244

Griffin's B P Station

524-7170

1015 Business And Professional  
Women's Club

Rotary Club

Sea Island Motel 524-4121

Flag Room Restaurant

524-5200

9

**NEWCASTLE ST INTERSECTS**

1103 Low Country Adjustment  
Bureau 524-4838

Beaufort Abstract & Title Co  
524-8432

1105 Dowling Sanders & Dukes P  
A lwys 524-4137

1111 Keyserling B Herbert phys  
524-2255

**CHURCH ST BEGINS**

1203 Luther Apartments

Haskell Natalie Mrs

524-5807

Williams Saml G 524-7142

Johnson Steph

Kellogg Edna Mrs 524-4060

## Bay Street

1965

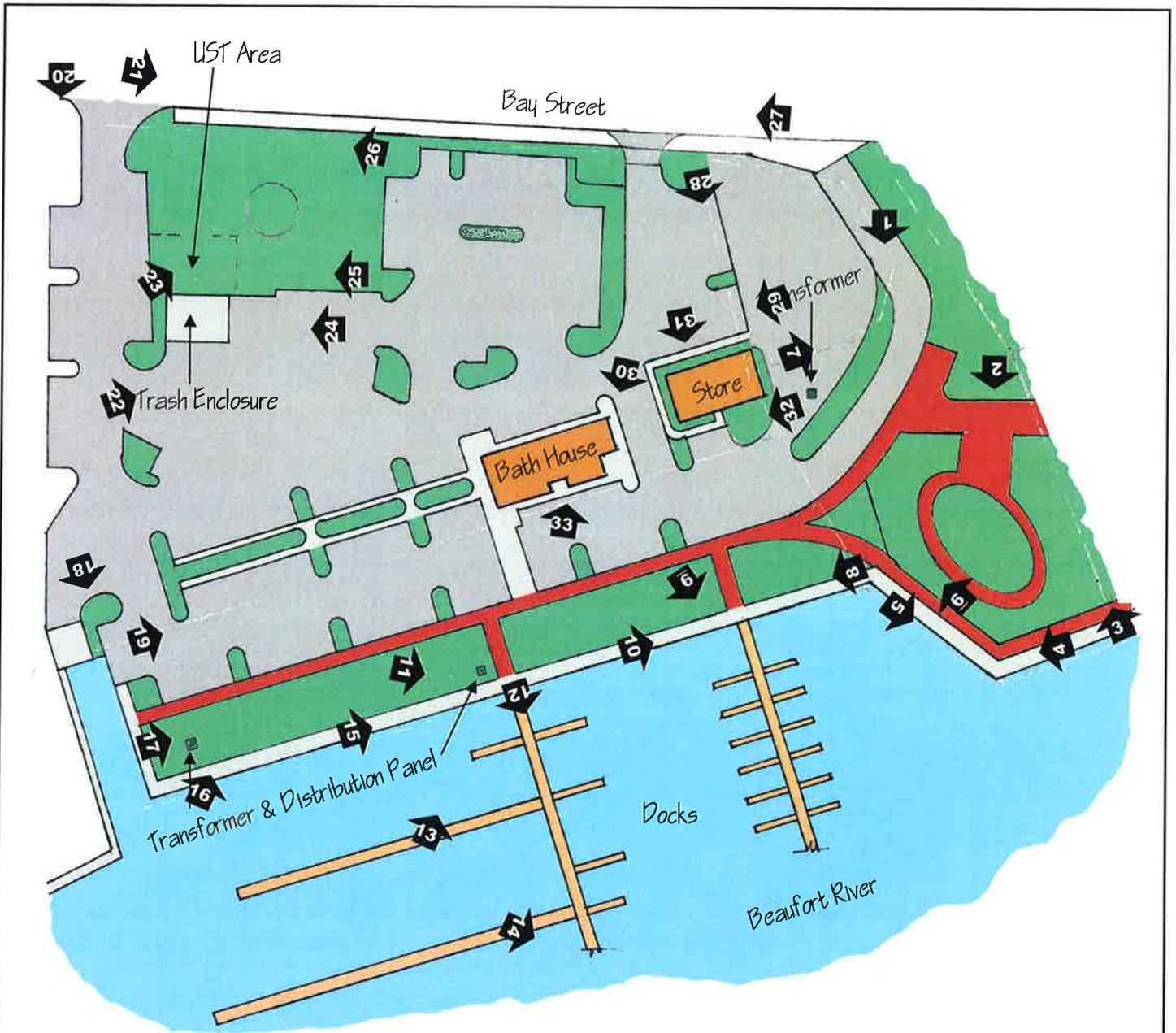
916 Kinghorn Ins Agcy 524-4181  
 917 Edwards Inc of Beaufort var-  
 lety store 524-3139  
 919 Harvey's Barber Shop 524-9176  
 920 Thomas Law Building  
 First Fed Sav & Loan Assn of  
 Beaufort 524-4167  
 2d fl Thomas & Thomas lwys  
 524-3101  
 Street continued  
 921 Bank of Beaufort The  
 524-2196 and 524-2197  
 922 Hutchinson Raymond T  
 optom JA4-7421  
 924 Breeze Theatre JA4-5465  
 928 Beaufort Beauty & Slenderiz-  
 ing Salon beauty shop  
 JA4-3041  
 Nemours Enterprises (ofc)  
 524-2822  
 928 1/2 Ingleright Ray F liquors  
 930 Harper Ellen womens clo  
 524-4575  
 Charles intersects  
 1001 Dacus Robt J  
 Hall Lemon A " JA4-5984  
 1002 Lipsitz Hyman D dentist  
 JA4-4665  
 • 1008 City Police Dept 524-3141  
 1009 Credit Bureau of Greater  
 Beaufort Inc 524-4195  
 Pearson Hugh O jr phys  
 524-7250  
 1009 1/2 Vacant  
 1011 Black W A phys 524-2220  
 • 1014 Griffin's Sinclair Serv Sta  
 524-7170  
 Hertz Rent-A-Car 524-7170  
 • Griffin's Sinclair Marina  
 524-9244  
 1015 Sea Island Motel Restr  
 JA4-5200  
 Sea Island Motel Inc  
 JA4-4121  
 Rotary Club  
 Newcastle intersects  
 1103 Stokes Dreka W Mrs (n)  
 524-4536  
 Anchorage The tourist  
 home 524-4536  
 1105 Dowling Dowling Sanders &  
 Dukes lwys 524-4137  
 Beaufort Abstract & Title  
 Co JA4-2622  
 County Water Authority  
 524-7322  
 1111 Keyserling B Herbert phys  
 524-2255  
 Church begins  
 1203 Luther Apartments  
 Haskell Natalie Mrs  
 JA4-5807  
 Ott Phyllis JA4-2901

9

**APPENDIX B – PHOTOGRAPHS**

**Photograph Location Plan**

**Photographs**



# Photograph Location Plan

Bay Street, Beaufort Marina  
 Beaufort, Beaufort County, South Carolina





Plate 1      *Southwestern View near the Eastern Property Limits.*



Plate 2      *Southern View towards the Historic Park Area.*



Plate 3 Northern View along the Eastern Property Limits.



Plate 4 Western View along the Bulkhead Walk.



Plate 5 Southern View along the Bulkhead Walk.



Plate 6 Northern View near the Southwestern Property Limits.



Plate 7 Transformer & Pad.



Plate 8 Western View along the Bulkhead Walk.



Plate 9 Southern View towards Beaufort River.



Plate 10 Eastern View along the Bulkhead.



Plate 11 Electrical Panel Distribution.



Plate 12 Southern View along the Boat Deck.



Plate 13 Fuel and Electrical Tie-In's at the Boat Dock Ramp.



Plate 14 Fuel Dispensers - Southern End of Dock



Plate 15 Eastern View along the Bulkhead Walk.



Plate 16 Electrical Transformers.



Plate 17 Northern View near the Western Property Limits.



Plate 18 Southern View near the Western Property Limits.



Plate 19 Eastern View from the Western End of Site.

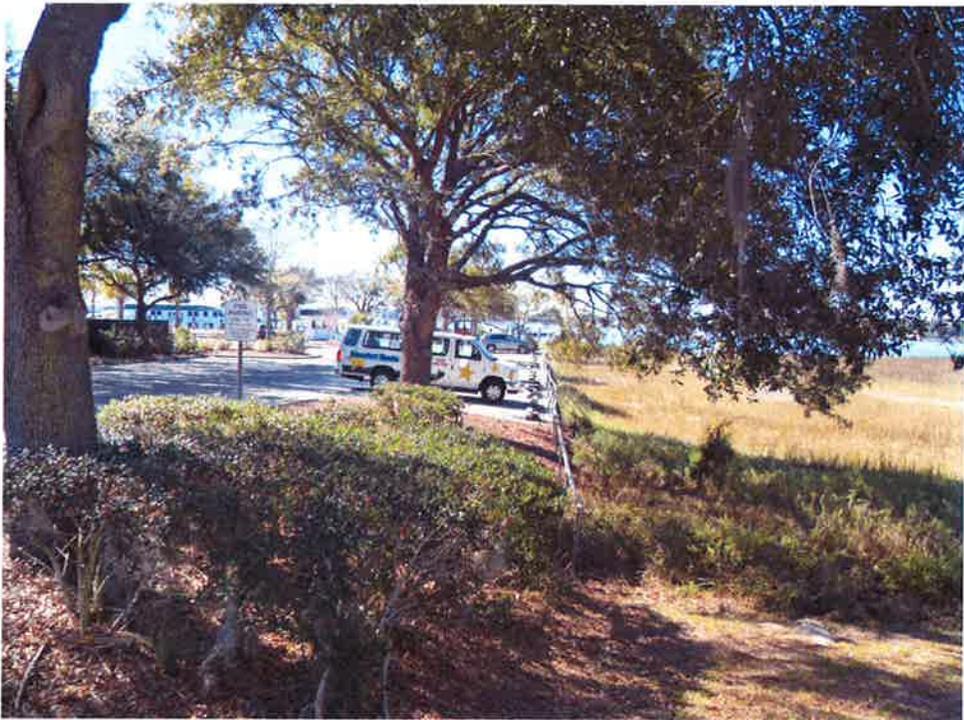


Plate 20 Southern View along the Western Property Limits.



Plate 21 Eastern View along the Northern Property Limits at Bay Street.



Plate 22 Southwestern Corner of the Trash Enclosure.



Plate 23 Northeastern View towards Bay Street.



Plate 24 Western View towards the Trash Enclosure.



Plate 25 Western View along the Southern Side of the Grassed / Park Area.



Plate 26 Western View along the Grassed / Park Area at Bay Street.



Plate 27 Western View along the Northern Property Limits at Bay Street.



Plate 28 Southern View along the Eastern Property Limits.



Plate 29 Western View along the Northern Side of the Store.



Plate 30 Southern View between the Store and the Bath House.



Plate 31 Northern Face of the Store.



Plate 32 Western View along the Southern Side of the Store.



Plate 33 Southern Side of the Bath House.

## **APPENDIX C – REGULATORY SEARCH INFORMATION**

**Radon Map of South Carolina**

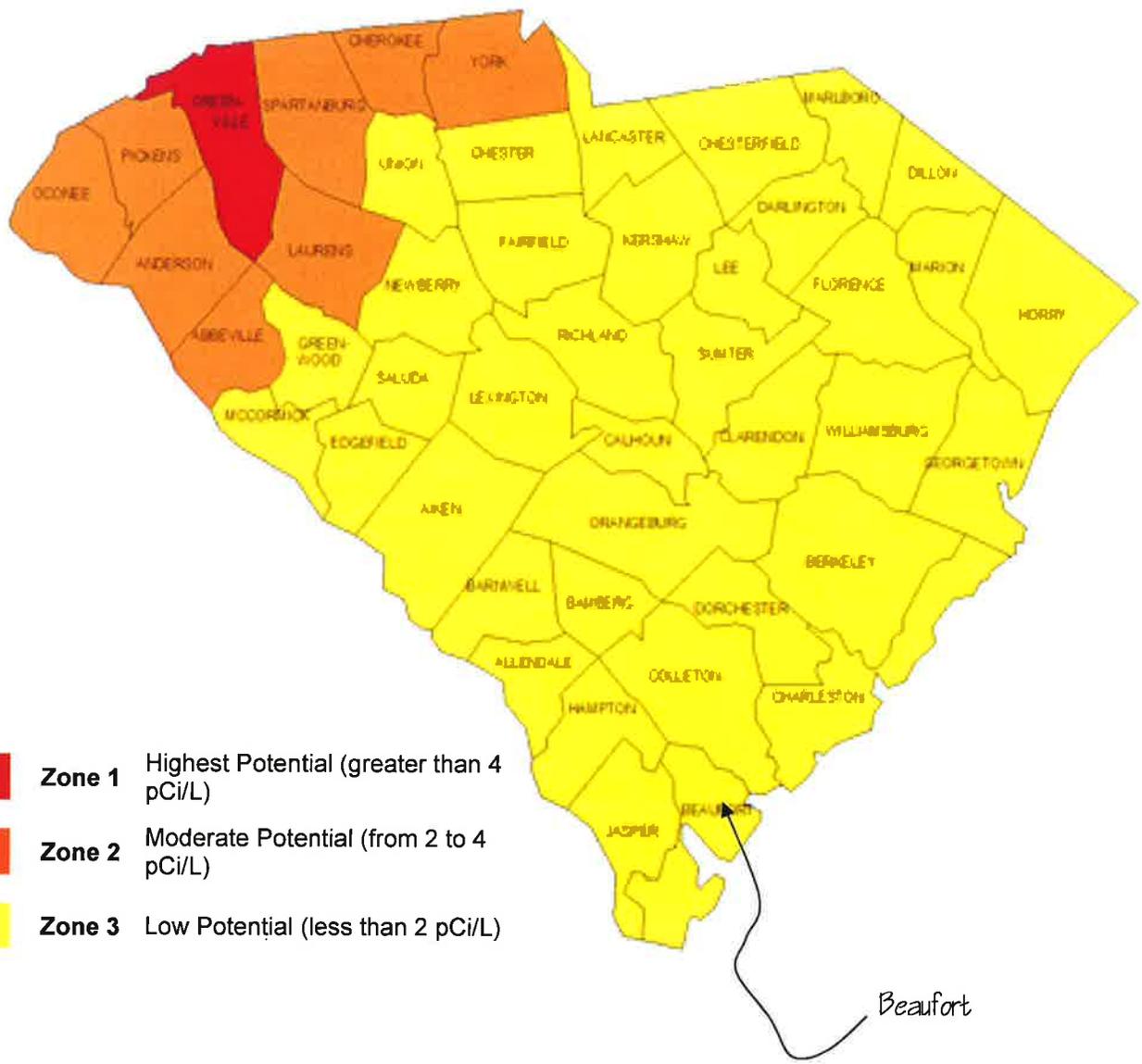
**City of Beaufort Public Works Correspondence**

**SC DHEC December 2009 Letter (NFA)**

**EPA Envirofacts Facility Detail Report**

**EDR Inc., Standard Environmental Risk Management Information**

**Sanborn Map Certification**



- Zone 1** Highest Potential (greater than 4 pCi/L)
- Zone 2** Moderate Potential (from 2 to 4 pCi/L)
- Zone 3** Low Potential (less than 2 pCi/L)

Beaufort

# US EPA Radon Map

Beaufort County  
South Carolina, USA

457

City of Beaufort  
Public Works  
MEMORANDUM

To: Scott Dadson, Shirley Hughes and Mack Cook 

From: Isiah Smalls, Public Works Director

Date: December 17, 2009

Subject: Underground Storage Tank Release

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Please find attached SCDHEC documentation verifying the resolution to an underground fuel release that was discovered December 13, 1991.

Over thirty years ago a gas and service station existed on the site of the present day "Freedom Park". On December 13, 1991 an underground fuel release was discovered. A clean up effort was performed and monitoring wells installed in and around the site (currently the Marina's parking lot). Since the release periodic samples were taken to determine the level and direction of the underground contaminate.

As of December 8, 2009, SCDHEC has determined that the level of contaminants has significantly decreased, and the release is no longer a threat to humans or the environment.

We are given an option of removing the monitoring wells, or leave them in place. As they pose no liabilities or expense, and provide testing sites for the city in the future, it so needed, I recommend leaving the test wells in place.

Please contact me if you have any questions.

IS/cls



C. Earl Hunter, Commissioner

*Promoting and protecting the health of the public and the environment.*

**CITY OF BEAUFORT  
302 CARTERET STREET  
BEAUFORT SC 29902**

DEC 08 2009

**Re: Conditional No-Further Action**  
Downtown Marina of Beaufort: 1010 Bay Street, Beaufort, SC  
UST Permit # **01028**  
Release Reported December 13, 1991  
Public Notice Period completed December 7, 2009  
Intrinsic Corrective Action Period completed December 7, 2009  
Monitoring Report received September 25, 2008  
Beaufort County

**To Whom It May Concern:**

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed the referenced report. Based on data obtained from the risk-based assessment and verification monitoring, the above referenced UST release does not present a significant threat to human health or the environment. Therefore, no further action regarding this release will be required at this time. This decision is based on the following assumptions and conditions:

**Assumptions and Conditions:**

- 1) The property on which the UST release occurred and properties adjacent to the site are currently commercial/residential and are reasonably anticipated to remain commercial/residential in the future based on existing zoning ordinances.
- 2) Groundwater is not currently being used and is reasonably anticipated not to be used in the future within the actual or predicted area of petroleum impact. The groundwater should not be used as a source of drinking water or for irrigation within the area of petroleum impact.
- 3) All petroleum chemicals of concern (CoC) associated with the referenced UST release are below the Site-Specific Target Levels (SSTL) in soil and groundwater, and groundwater monitoring has verified that natural attenuation is occurring. Based on these site-specific conditions, the CoC will not exceed Risk Based Screening Levels (RBSL) at any potential receptors and/or exposure points.
- 4) Land use should not change (e.g., from commercial to residential) without notifying the Bureau of the proposed use. Any site excavation activities may encounter petroleum-impacted soil that must be disposed of in a method approved by the UST Division.
- 5) If CoC from the referenced release are detected at levels that present a risk to human health or the environment, this office, under authority established in the South Carolina UST Control Regulations (SCUSTCR) R.61-92 Part 280, may require additional site rehabilitation.

- 6) This correspondence does not exempt the UST system from any additional requirements (e.g., notification, operation, release detection, and closure) of the SCUSTCR, the SUPERB Act or any other non-UST activities where there may be Department involvement.
- 7) The UST Division will be notified within 30 days of any changes to any of the above assumptions and conditions until all petroleum constituents are at or below RBSL. If site conditions are changed without UST Division approval, the owner or operator will be in violation of a UST Division order enforceable pursuant to the 1976 Code Section 44-2-140.

The referenced release has been placed on a registry of releases in the SCDHEC Freedom of Information office. The release will remain on this registry until all petroleum CoC have attenuated by natural and biological means to the RBSL. If you choose to remove the release from the registry in the future, laboratory analysis must document that each CoC is at or below the RBSL. Samples may be collected from temporary or the existing permanent monitoring wells; however, these sampling and laboratory analytical costs will not be compensated from the SUPERB Account.

The following options are offered:

- Option 1: You may choose to abandon the monitoring wells at this time. If you choose this option, a cost agreement will be issued. Upon approval and proper abandonment of the wells in accordance with South Carolina Well Standards and Regulations (R. 61-71), a final payment for cleanup actions associated with this release will be issued from the SUPERB Account.
- Option 2: You may choose to keep some or all of the wells for future monitoring in order to verify that natural attenuation has been successful in reducing all CoC concentrations below RBSL. The SUPERB Account will not be responsible for the future maintenance, monitoring, and abandonment of these wells. Additionally, the SUPERB Account will not provide compensation for future soil and/or groundwater sampling and/or laboratory analysis to document further natural attenuation to RBSL.

Please complete the attached option form and return it to my attention on or before **January 31, 2010**. On all correspondence related to this facility, please reference the UST Permit # **01028**. If you have any questions, please contact me at (803) 896-6649 or by e-mail at [koonjt@dhec.sc.gov](mailto:koonjt@dhec.sc.gov).

Sincerely,



Justin Koon, Engineer Associate  
Corrective Action Section  
UST Management Division  
Bureau of Land and Waste Management

enc: Options Form

cc: Davis & Floyd Inc.: 240 Stoneridge Drive, Suite 305, Columbia, SC 29210 (w/out enc)  
Technical File (without enclosure)



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Abandonment Option Form

UST Permit # 01028

Facility Name: Downtown Marina of Beaufort

Facility Address: 1010 Bay Street

City and Zip Code: Beaufort, SC 29902-5570

County: Beaufort County

No additional cleanup efforts are required for the December 13, 1991 release at the above referenced facility. Public notice is required as there are residual levels of Chemicals of Concern (CoC). Therefore, its existence is being highlighted on a registry of releases in the SCDHEC Freedom of Information office. The release will remain on this registry until all petroleum CoC have attenuated by natural and biological means to the Risk-Based Screening Level (RBSL). The following options are offered:

Option 1:

You may choose to abandon the monitoring wells at this time. If you choose this option, a cost agreement will be issued. Upon approval and proper abandonment of wells in accordance with the South Carolina Well Standards and Regulations (R. 61-71), a final payment for cleanup actions associated with this release will be issued from the SUPERB Account.

Option 2:

You may choose to keep some or all of the wells for future monitoring in order to verify that natural attenuation has been successful in reducing all CoC concentrations below RBSL. The SUPERB Account will not be responsible for the future maintenance, monitoring, and abandonment of these wells. Additionally, the SUPERB Account will not provide compensation for future soil and/or ground-water sampling and/or laboratory analysis to document further natural attenuation to RBSL.

At this time I choose (Please mark one):

- Option One. Abandon All Monitoring Wells
Option Two. Keep Select Monitoring Wells

All existing wells
(Please List Monitoring Wells to Be Kept By Number)

Isiah Smalls - Public Works Director
Name (Please Print)
Signature

12-18-09
Date
843-525-7094
Telephone Number

Please return this form to:
SCDHEC
Attn: Justin Koon
UST Management Division
2600 Bull Street
Columbia, SC 29201

# Environmental Quality Control



S. C. Department of Health and Environmental Control

[Search](#)
[Registration](#)
[SCM/TKR/Forms](#)
[EQC/OCRM](#)
[Contact Us](#)

## South Carolina Underground Storage Tank Registry

**Facility Name:** DOWNTOWN MARINA OF BEAUFORT  
**Site Number:** 01028  
**Tank Owner Last Name:** BEAUFORT CITY OF  
**Tank Owner First Name:**  
**Address 1:** 1010 BAY ST  
**Address 2:**  
**City:** BEAUFORT  
**State:** SC  
**Zip:** 29902-5570  
**County:** Beaufort

Displaying all releases:

**Release Number:** 1  
**Release Date:** 12/13/1991  
**Confirmed Date:** 3/23/1992  
**Cleanup Complete Date:**  
**SCRBCA Class Code:** CLASS3AC  
**Qualified Index:** Y

Displaying all tanks:

<b>Product:</b> <a href="#">GN</a>	<b>CAS Code:</b>	<b>Capacity:</b> 3000	<b>Tank Status:</b> <a href="#">ABD</a>	<b>Compliance Status:</b> <a href="#">IN</a>	<b>Compliance Status Date:</b> 9/26/2012	<b>Distance to Well (feet):</b>
<b>Tank Construction:</b> <a href="#">UN</a>	<b>Tank Protection:</b>	<b>Protection Test Date:</b>	<b>Tank Containment Method:</b> <a href="#">SW</a>	<b>Overfill Type:</b>	<b>Aband/Closure Date:</b> 11/1/1989	<b>Aband/Closure Method:</b> <a href="#">RG</a>
<b>Pipe Construction:</b> <a href="#">UN</a>	<b>Pipe Protection:</b>	<b>Pipe Protection Test Date:</b>	<b>Pipe Containment Method:</b> <a href="#">SW</a>	<b>Piping Type:</b>	<b>Tank Leak Detects:</b>	<b>Pipe Leak Detects:</b>
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South Carolina Underground Storage Tank Registry

<b>Product:</b> <a href="#">GN</a>	<b>CAS Code:</b>	<b>Capacity:</b> 4000	<b>Tank Status:</b> <a href="#">ABD</a>	<b>Compliance Status:</b>	<b>Compliance Status Date:</b>	<b>Distance to Well (feet):</b>
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<b>Product:</b> <a href="#">PLUS</a>	<b>CAS Code:</b>	<b>Capacity:</b> 5000	<b>Tank Status:</b> <a href="#">CIU</a>	<b>Compliance Status:</b> <a href="#">IN</a>	<b>Compliance Status Date:</b> 12/30/2011	<b>Distance to Well (feet):</b> 101
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Send Questions or Comments to [Eric F. Cathcart](#) (803) 896-6847.

**SC DHEC**



South Carolina Department of Health and Environmental Control



Facility Registry System (FRS)

You are here: [EPA Home](#) » [Envirofacts](#) » [FRS](#) » Report



Facility Detail Report



**DOWNTOWN MARINA OF BEAUFORT**

1006 BAY ST  
 BEAUFORT, SC 29902-5597  
 EPA Registry Id: 110017019215



**Legend**

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

**Environmental Interests**

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
SOUTH CAROLINA - ENVIRONMENTAL FACILITY INFORMATION SYSTEM	SC0000069851	STATE MASTER	SC-EFIS		SC-EFIS-01028 UNDERGROUND STORAGE TANK PROGRAM SC-EFIS-12423 UNDERGROUND STORAGE TANK PROGRAM

Additional EPA Reports: [MyEnvironment](#) [Site Demographics](#) [Watershed Report](#)

**Standard Industrial Classification Codes (SIC)**

No SIC Codes returned.

**National Industry Classification System Codes (NAICS)**

No NAICS Codes returned.

**Facility Codes and Flags**

EPA Region:	04
Duns Number:	
Congressional District Number:	
Legislative District Number:	
HUC Code/Watershed:	03050208 / BROAD-ST. HELENA
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

**Facility Mailing Addresses**

No Facility Mailing Addresses returned.

**Contacts**

No Contacts returned.

**Alternative Names**

No Alternative Names returned.

**Organizations**

No Organizations returned.

Query executed on: MAR-06-2013



**Beaufort Marina**

1010 Bay Street  
Beaufort, SC 29902

Inquiry Number: 3518290.3

February 13, 2013



## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

2/13/13

**Site Name:**

Beaufort Marina  
1010 Bay Street  
Beaufort, SC 29902

**Client Name:**

Whitaker Laboratory  
2500 Tremont Road  
Savannah, GA 31405



EDR Inquiry # 3518290.3

Contact: Donald

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

## Certified Sanborn Results:

**Site Name:** Beaufort Marina  
**Address:** 1010 Bay Street  
**City, State, Zip:** Beaufort, SC 29902  
**Cross Street:**  
**P.O. #** 021213cDRM  
**Project:** City of Beaufort & Lawrence Gr  
**Certification #** 47E5-422E-A130



Sanborn® Library search results  
Certification # 47E5-422E-A130

**Maps Provided:**

1958	1894
1942	1889
1924	1884
1912	
1905	
1899	

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

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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**Sanborn Sheet Thumbnails**

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



**1958 Source Sheets**



Volume 1, Sheet 2

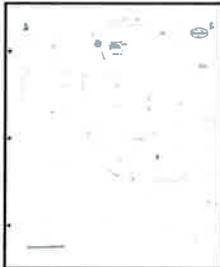


Volume 1, Sheet 5

**1942 Source Sheets**



Volume 1, Sheet 2



Volume 1, Sheet 5

**1924 Source Sheets**



Volume 1, Sheet 2



Volume 1, Sheet 5

**1912 Source Sheets**



Volume 1, Sheet 3



Volume 1, Sheet 5

**1905 Source Sheets**



Volume 1, Sheet 3



Volume 1, Sheet 5

**1899 Source Sheets**



Volume 1, Sheet 2

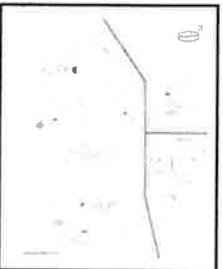


Volume 1, Sheet 3

**1894 Source Sheets**



Volume 1, Sheet 1

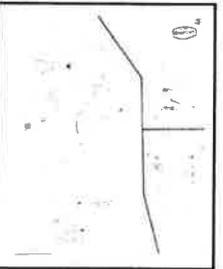


Volume 1, Sheet 3

**1889 Source Sheets**



Volume 1, Sheet 1



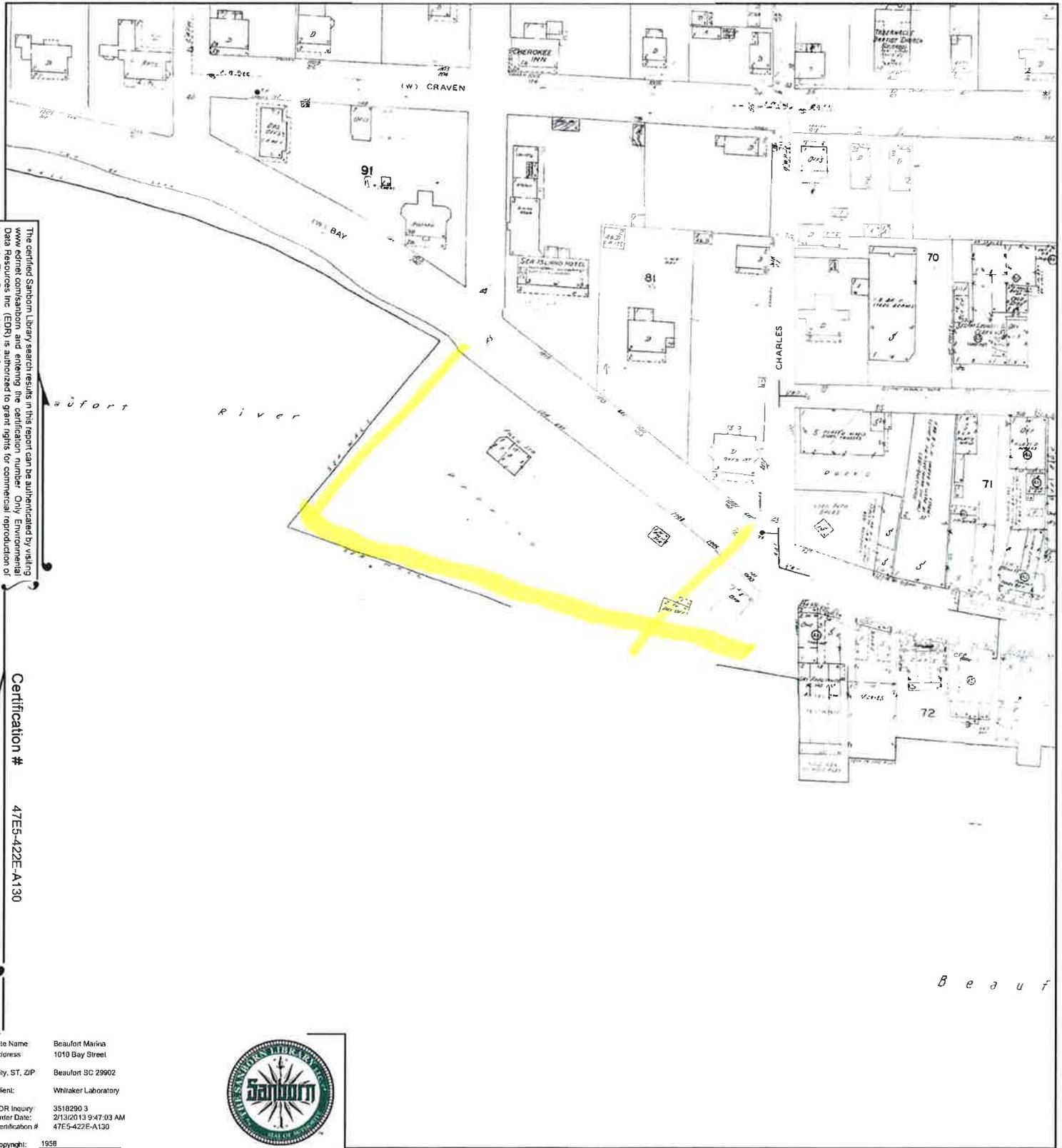
Volume 1, Sheet 3

**1884 Source Sheets**



Volume 1, Sheet 1

# 1958 Certified Sanborn Map



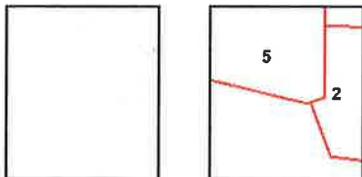
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**Certification #** 47E5-422E-A130

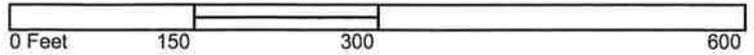
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 Address: 1010 Bay Street  
 City, ST, ZIP: Beaufort SC 29902  
 Client: Whitaker Laboratory  
 EDR Inquiry/Order Date: 3518290 3 / 2/13/2013 9:47:03 AM  
 Certification #: 47E5-422E-A130  
 Copyright: 1958



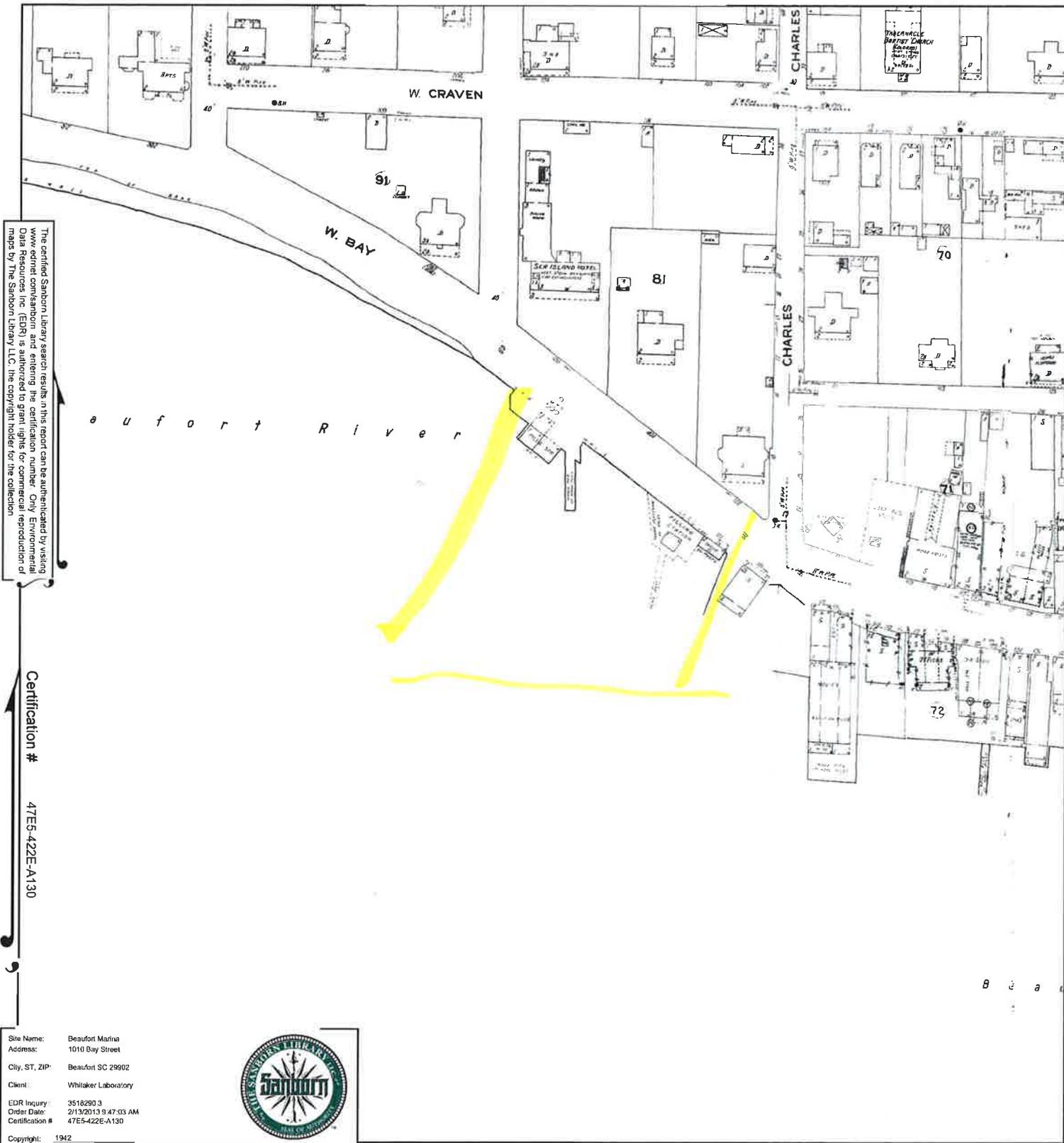
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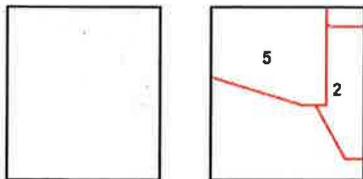
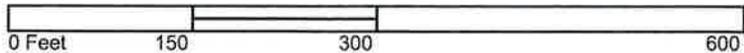
Volume 1, Sheet 2  
 Volume 1, Sheet 5



# 1942 Certified Sanborn Map



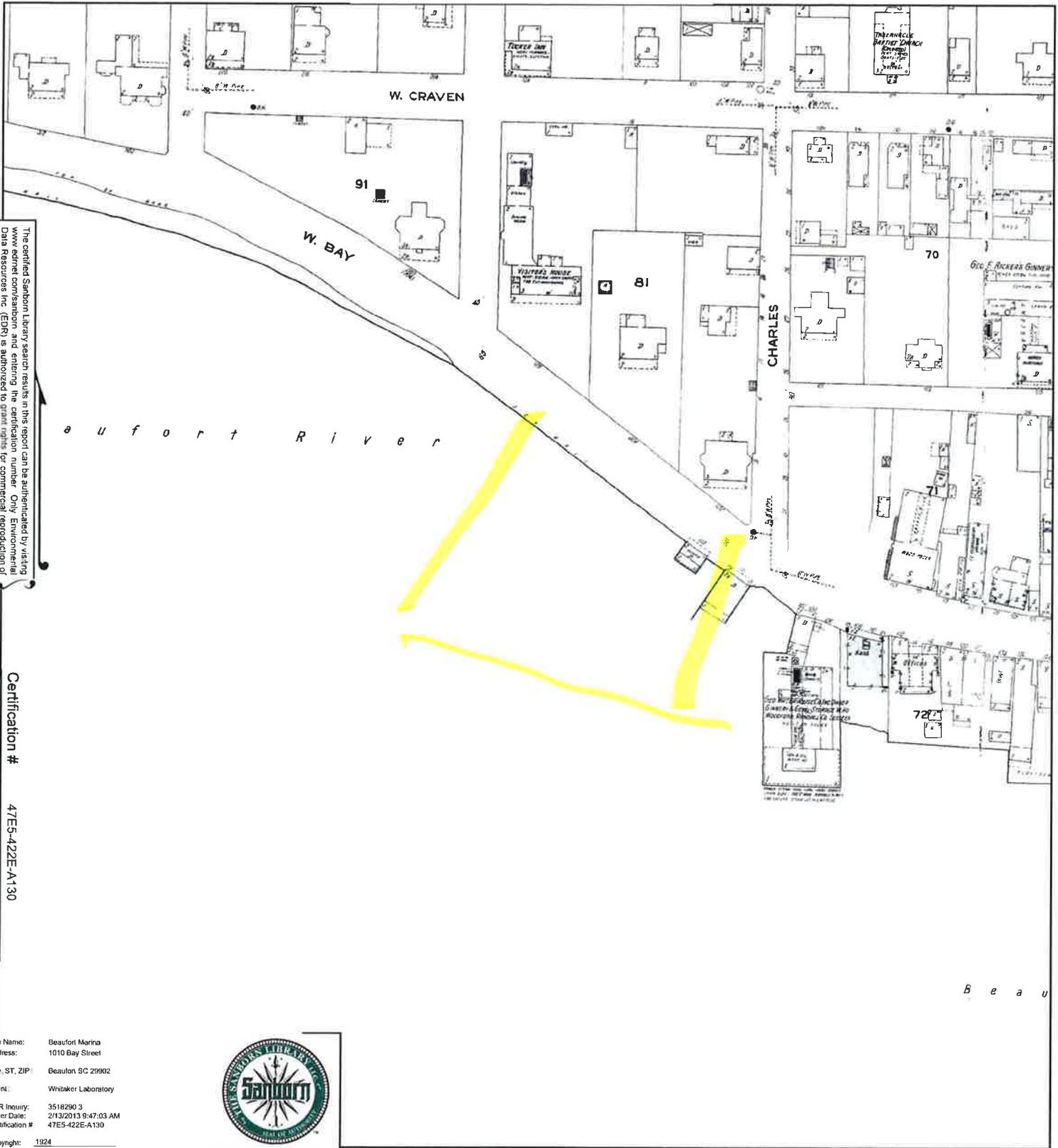
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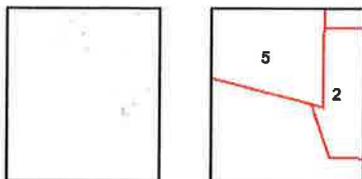
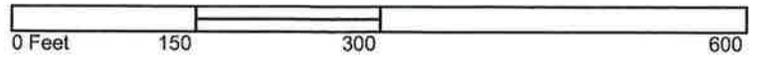
Volume 1, Sheet 2  
 Volume 1, Sheet 5



# 1924 Certified Sanborn Map



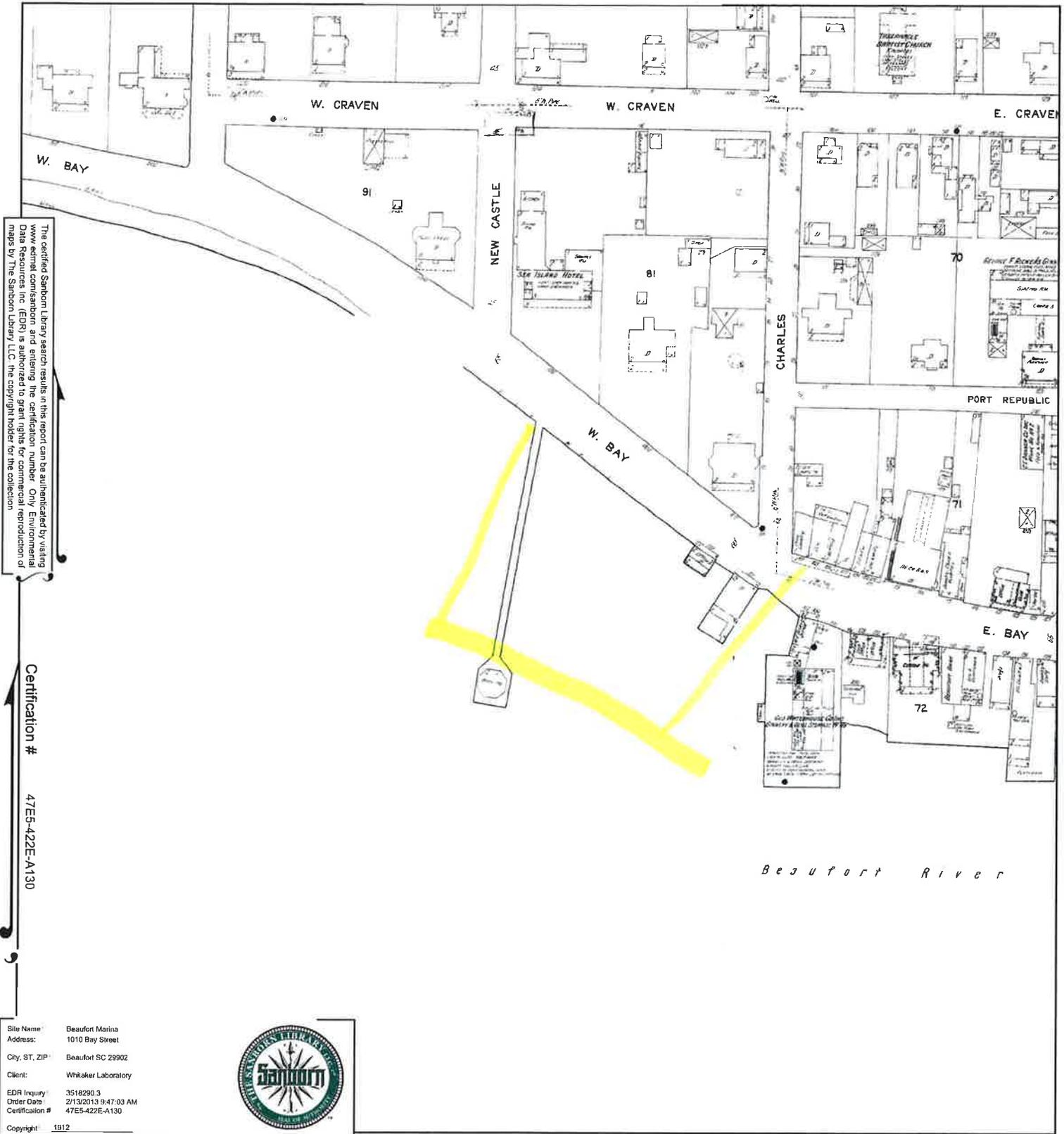
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 Volume 1, Sheet 5



# 1912 Certified Sanborn Map



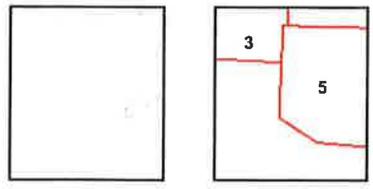
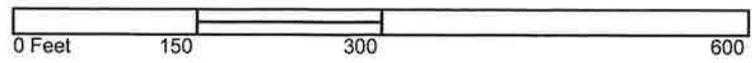
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Certification # 47E5-422E-A130

Site Name: Beaufort Marina  
 Address: 1010 Bay Street  
 City, ST, ZIP: Beaufort SC 29902  
 Client: Whitaker Laboratory  
 EDR Inquiry: 3518290.3  
 Order Date: 2/13/2013 9:47:03 AM  
 Certification #: 47E5-422E-A130  
 Copyright: 1912



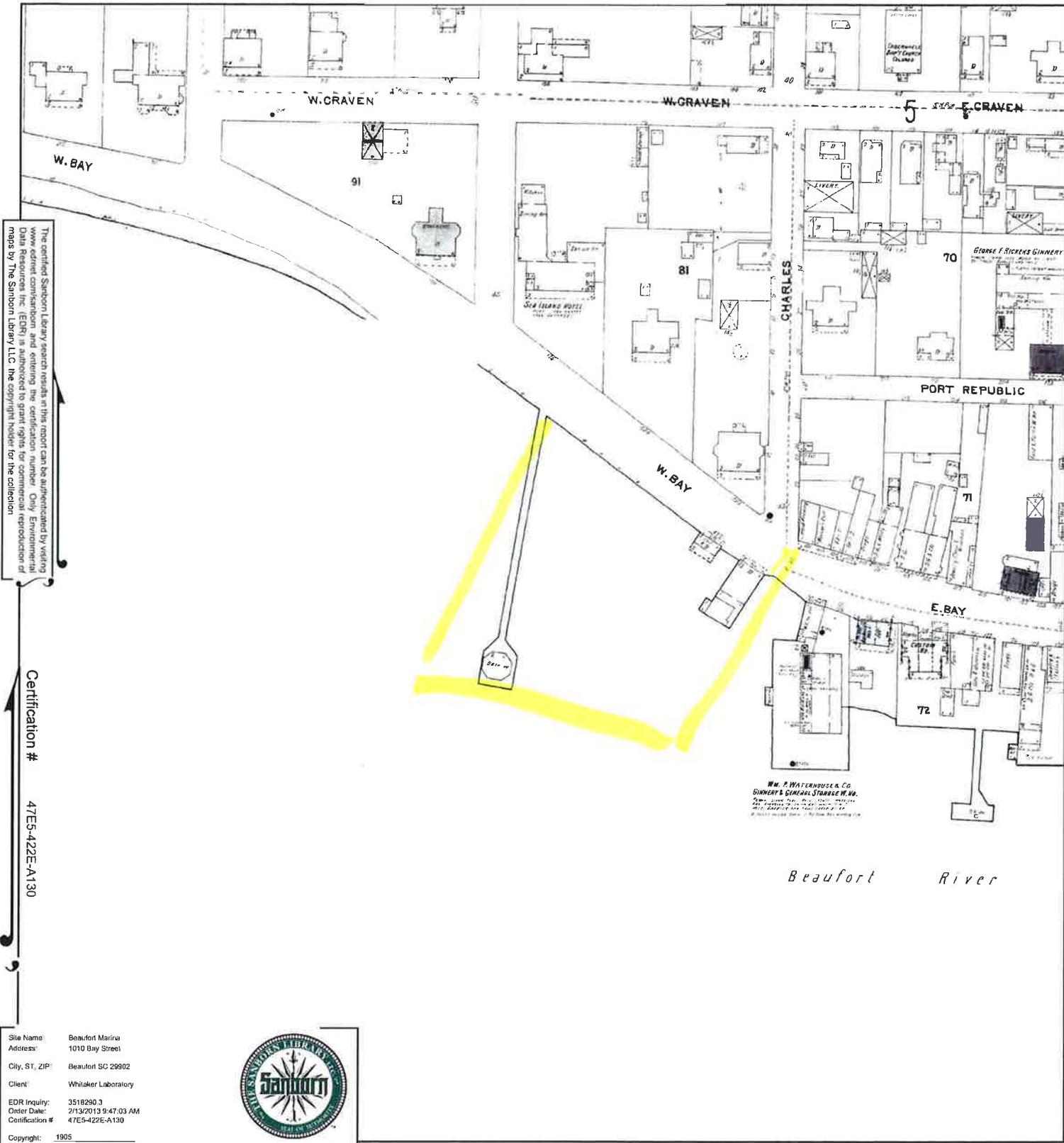
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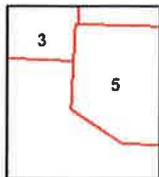
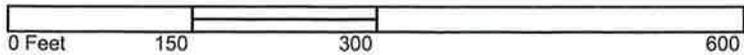
Volume 1, Sheet 3  
 Volume 1, Sheet 5



# 1905 Certified Sanborn Map



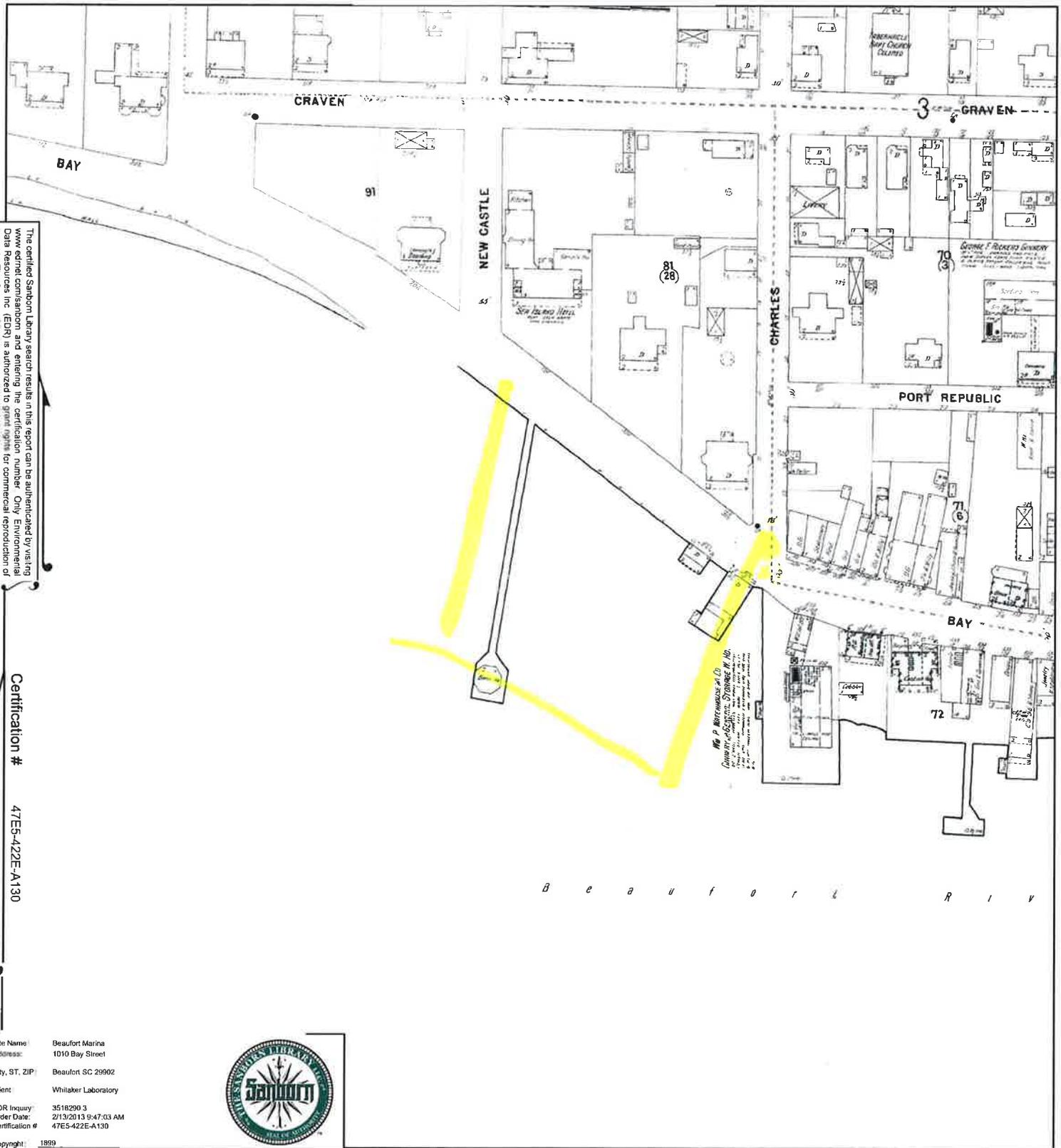
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 Volume 1, Sheet 5



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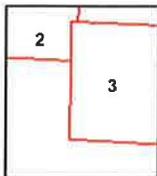
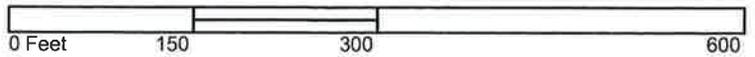
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 Address: 1010 Bay Street  
 City, ST, ZIP: Beaufort SC 29902  
 Client: Whitaker Laboratory  
 EDR Inquiry: 3518290.3  
 Order Date: 2/13/2013 9:47:03 AM  
 Certification #: 47E5-422E-A130  
 Copyright: 1899



B e a u f o r t R i v e r

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Volume 1, Sheet 2  
 Volume 1, Sheet 3



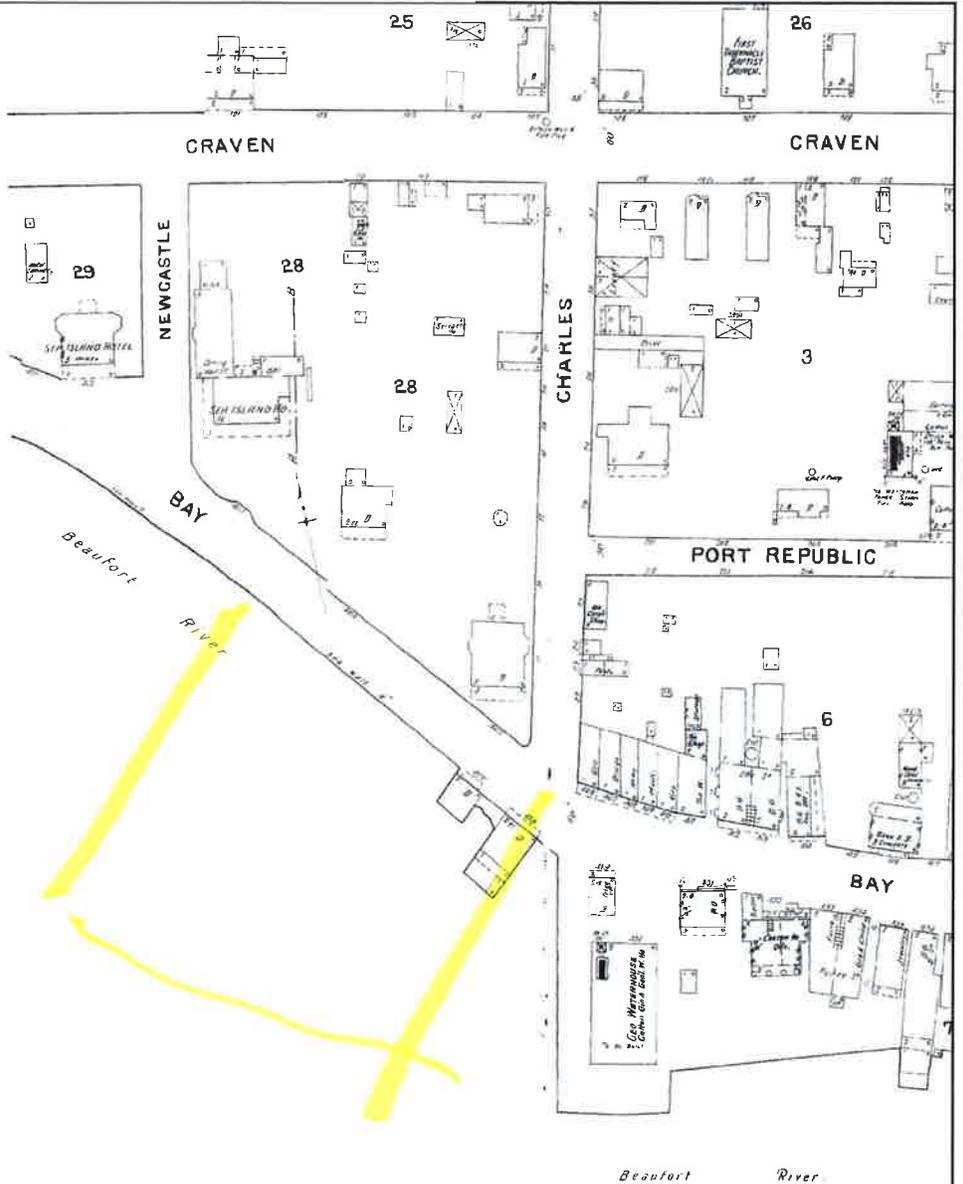
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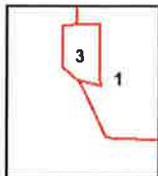
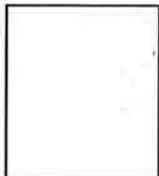
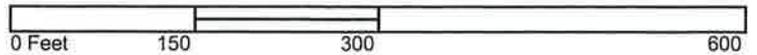
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 City, ST, ZIP: Beaufort SC 29902  
 Client: Whitaker Laboratory  
 EDR Inquiry: 3518290.3  
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 Certification #: 47E5-422E-A130  
 Copyright: 1894



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Volume 1, Sheet 1  
 Volume 1, Sheet 3



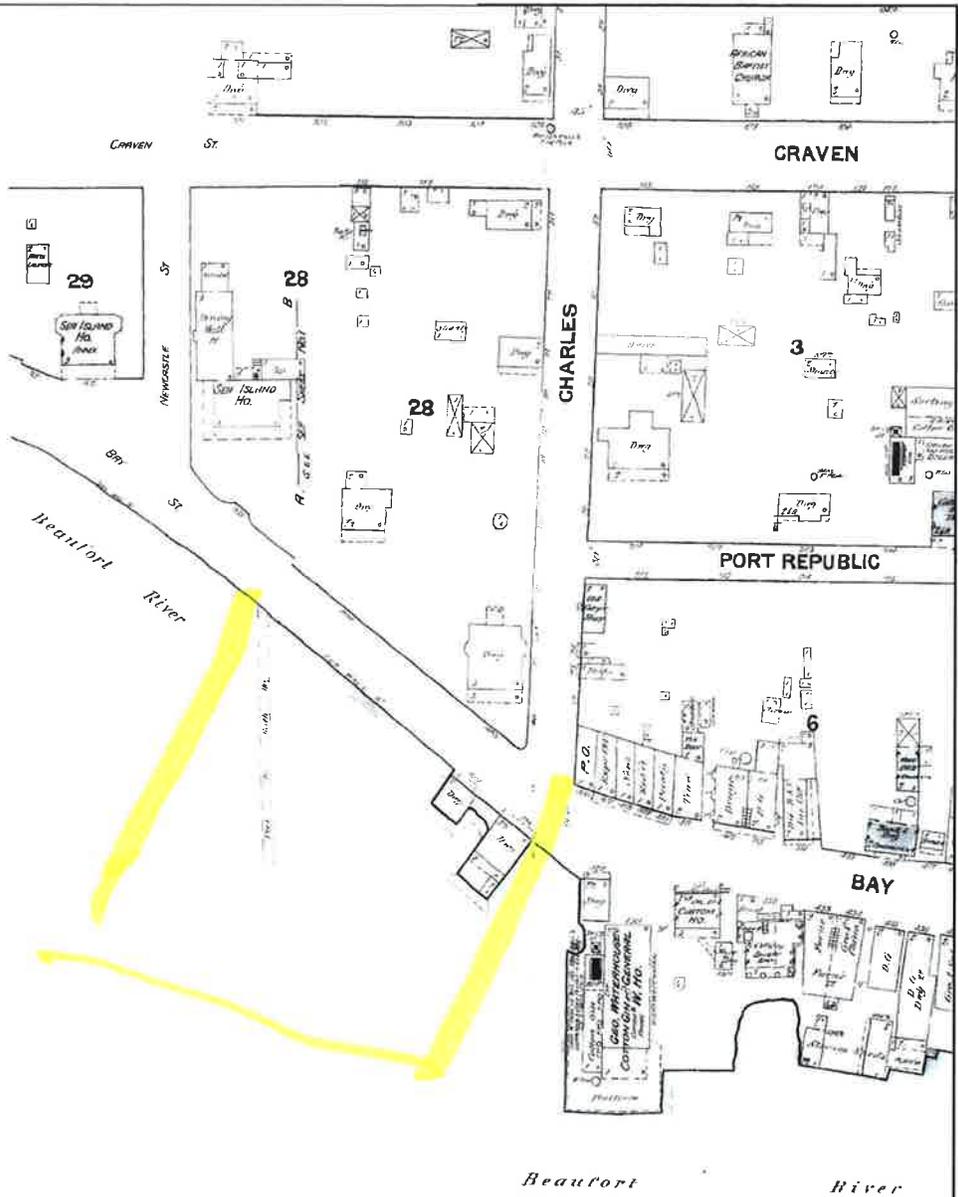
# 1889 Certified Sanborn Map

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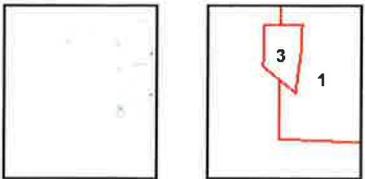
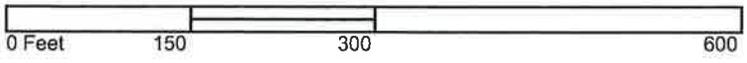
Certification #

47E5-422E-A130

Site Name: Beaufort Marina  
 Address: 1010 Bay Street  
 City, ST, ZIP: Beaufort NC 29902  
 Client: Whitaker Laboratory  
 EDR Inquiry: 3518290.3  
 Order Date: 2/13/2013 9:47:03 AM  
 Certification #: 47E5-422E-A130  
 Copyright: 1889



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 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 1  
 Volume 1, Sheet 3

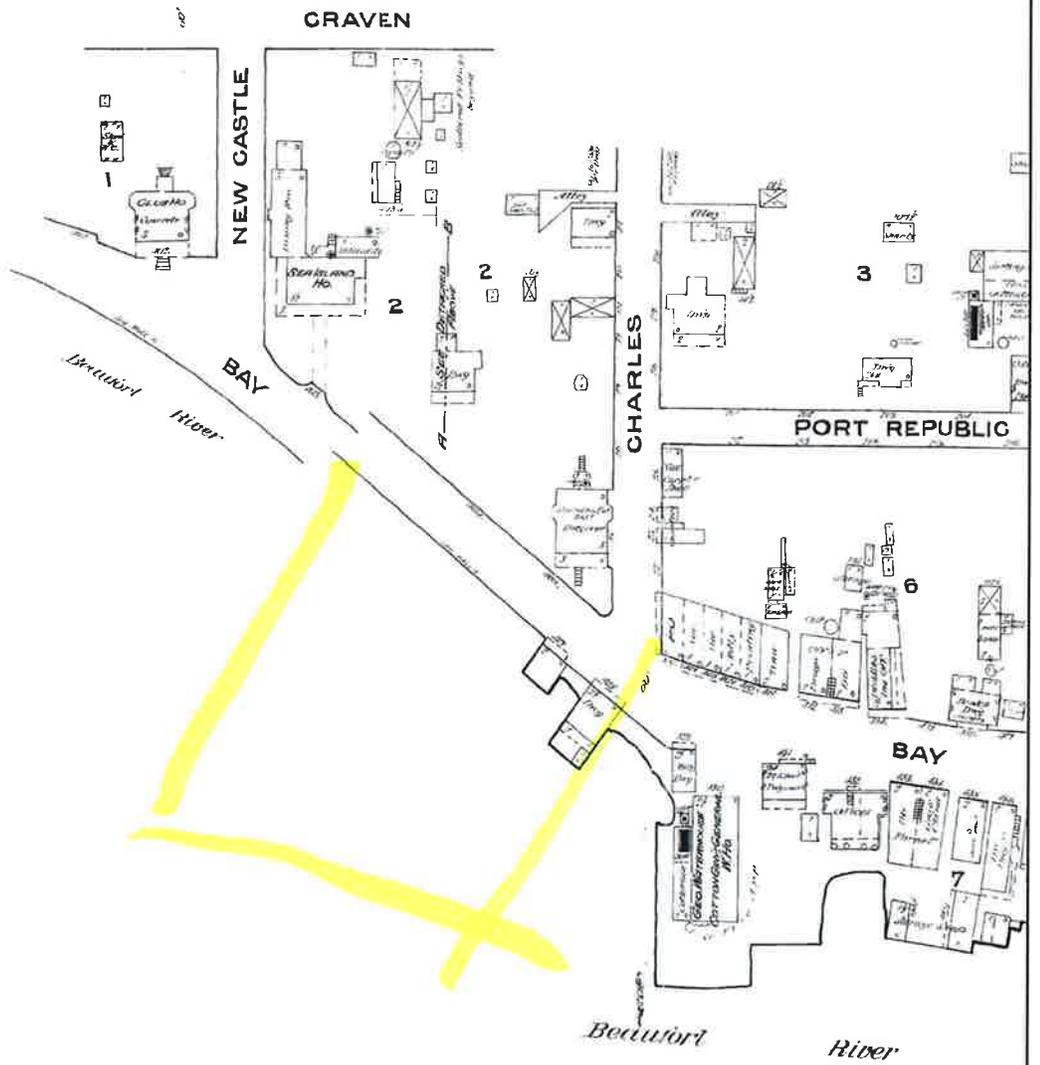


# 1884 Certified Sanborn Map

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Certification #

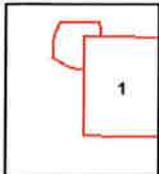
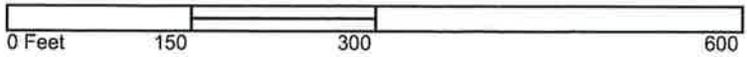
47E5-422E-A130



Site Name: Beaufort Marina  
 Address: 1010 Bay Street  
 City, ST, ZIP: Beaufort SC 29902  
 Client: Whitaker Laboratory  
 EDR Inquiry: 3518290 3  
 Order Date: 2/13/2013 9:47:03 AM  
 Certification #: 47E5-422E-A130  
 Copyright: 1884



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



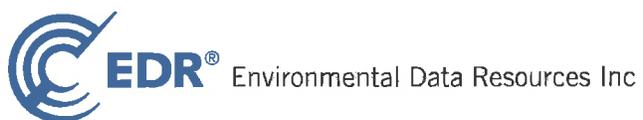
Volume 1, Sheet 1



**Beaufort Marina**  
1010 Bay Street  
Beaufort, SC 29902

Inquiry Number: 3518290.2s  
February 14, 2013

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	7
Orphan Summary .....	23
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-8
Physical Setting Source Map Findings .....	A-10
Physical Setting Source Records Searched .....	A-28

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

1010 BAY STREET  
BEAUFORT, SC 29902

#### COORDINATES

Latitude (North): 32.4311000 - 32° 25' 51.96"  
Longitude (West): 80.6739000 - 80° 40' 26.04"  
Universal Tranverse Mercator: Zone 17  
UTM X (Meters): 530657.6  
UTM Y (Meters): 3588079.2  
Elevation: 7 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32080-D6 BEAUFORT, SC  
Most Recent Revision: 1998

#### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2011  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
DOWNTOWN MARINA OF BEAUFORT 1006 BAY ST BEAUFORT, SC 29902	FINDS	N/A
DOWNTOWN MARINA OF BEAUFORT 1006 BAY ST BEAUFORT, SC 29902	GWCI	N/A
BEAUFORT DOWNTOWN MARINA 1010 BAY BEAUFORT DOWNTOWN MARINA 1010 BAY ST BEAUFORT, SC	ERNS	N/A
BEAUFORT DOWNTOWN MARINA 1006 BAY ST BEAUFORT, SC	SPILLS	N/A

## EXECUTIVE SUMMARY

DOWNTOWN MARINA OF BEAUFORT 1010 BAY ST BEAUFORT, SC 29902	LUST No Action Required: 12/08/09 UST	N/A
CHARLES H KRESCH DDS 1002 BAY ST BEAUFORT, SC 29902	FINDS	N/A
1006 BAY STREET 1006 BAY STREET BEAUFORT, SC 29902	ERNS	N/A
1006 BAY STREET 1006 BAY STREET BEAUFORT, SC	ERNS	N/A

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

CORRACTS..... Corrective Action Report

## EXECUTIVE SUMMARY

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

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

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

RCRA-LQG..... RCRA - Large Quantity Generators

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

US ENG CONTROLS..... Engineering Controls Sites List

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

LUCIS..... Land Use Control Information System

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

ERNS..... Emergency Response Notification System

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

SHWS..... Site Assessment Section Project List

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

SWF/LF..... Permitted Landfills List

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

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

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

AST..... Aboveground Storage Tank List

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

FEMA UST..... Underground Storage Tank Listing

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

RCR..... Registry of Conditional Remedies

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

VCP..... Voluntary Cleanup Sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

BROWNFIELDS..... Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

## EXECUTIVE SUMMARY

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
SWRCY..... Solid Waste Recycling Facilities  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs  
ALLSITES..... Site Assessment & Remediation Public Record Database  
CDL..... Clandestine Drug Lab Sites  
US HIST CDL..... National Clandestine Laboratory Register

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

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

HMIRS..... Hazardous Materials Information Reporting System

### **Other Ascertainable Records**

DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
FINDS..... Facility Index System/Facility Registry System  
RAATS..... RCRA Administrative Action Tracking System  
RMP..... Risk Management Plans  
UIC..... Underground Injection Wells Listing  
DRYCLEANERS..... Drycleaner Database  
NPDES..... Waste Water Treatment Facilities Listing  
AIRS..... Permitted Airs Facility Listing  
INDIAN RESERV..... Indian Reservations  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
PRP..... Potentially Responsible Parties  
PCB TRANSFORMER..... PCB Transformer Registration Database  
COAL ASH..... Coal Ash Disposal Sites

## EXECUTIVE SUMMARY

COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
2020 COR ACTION.....	2020 Corrective Action Program List
Financial Assurance.....	Financial Assurance Information Listing
EPA WATCH LIST.....	EPA WATCH LIST
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2012 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEAUFORT COUNTY SCHOOL DISTRIC	1300 KING ST	NNW 1/8 - 1/4 (0.220 mi.)	B12	16

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there is

## EXECUTIVE SUMMARY

1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BEAUFORT COUNTY SCHOOL DISTRICT</b>	<b>1300 KING STREET</b>	<b>NNW 1/8 - 1/4 (0.220 mi.)</b>	<b>B13</b>	<b>17</b>

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

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

A review of the LUST list, as provided by EDR, and dated 05/23/2012 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BEAUFORT COUNTY JAIL</b> No Action Required: 07/15/92	<b>1409 KING ST</b>	<b>NW 1/4 - 1/2 (0.267 mi.)</b>	<b>15</b>	<b>20</b>
<b>JOHN SETTLES PROPERTY</b>	<b>711 BLADEN ST</b>	<b>NW 1/4 - 1/2 (0.409 mi.)</b>	<b>16</b>	<b>21</b>

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environmental Control's list: Comprehensive Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 11/26/2012 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER ESSO SERVICE	700 BAY ST	E 1/8 - 1/4 (0.160 mi.)	10	14
BEAUFORT CITY OF PUBLIC WORKS	1207 PRINCE ST	NNW 1/8 - 1/4 (0.241 mi.)	14	20

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Other Ascertainable Records**

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/11/2012 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

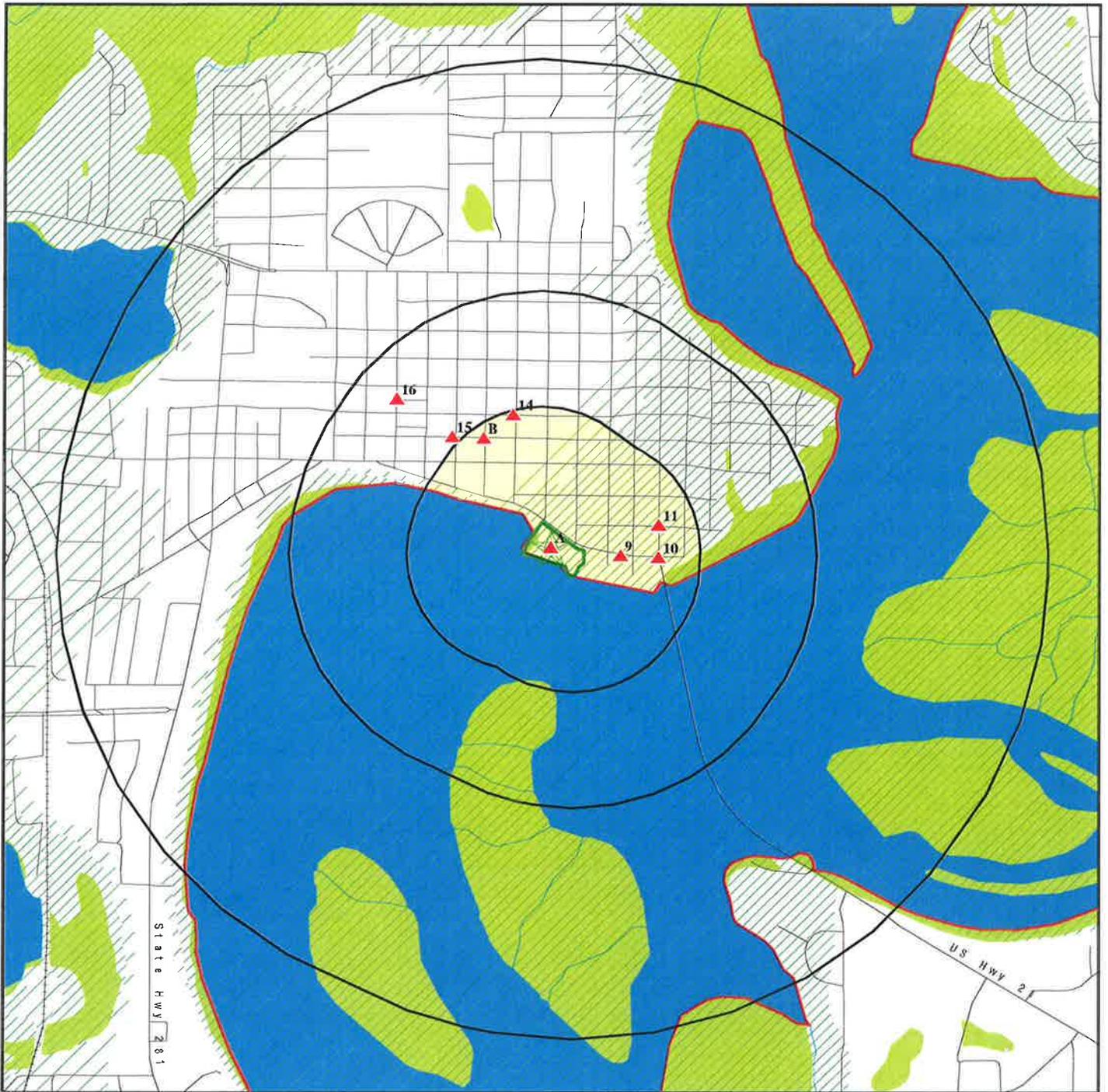
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CAROLINA WOODLORE</b>	<b>RT 1 BOX 200 GRAYS HILL</b>	<b>E 0 - 1/8 (0.079 mi.)</b>	<b>9</b>	<b>12</b>
<b>CITY OF BEAUFORT</b>	<b>302 CARTERET ST</b>	<b>ENE 1/8 - 1/4 (0.170 mi.)</b>	<b>11</b>	<b>14</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 34 records.

<u>Site Name</u>	<u>Database(s)</u>
KALAMA SPECIALITY	ALLSITES
INDEPENDENT NAIL CO.	BROWNFIELDS
PARKER WHITE METAL CORP	HWS
INDEPENDENT NAIL CO	HWS
USN NAVAL HOSPITAL BEAUFORT	CERCLIS-NFRAP
BEAUFORT WORK CENTER	LUST,UST
SCE&G FLEET MAINT CENTER BEAUFORT	LUST,UST
HARPER BROS OFFICE SUPPLY	LUST,UST
COPELAND FUNERAL HOME	UST
UNITED TEL CO OF THE CAROLINAS	UST
	ERNS
BEAUFORT JASPER W&S AUTHORITY	FINDS
BEAUFORT SHELL	FINDS
BROAD CREEK MARINA	FINDS
BEAUFORT COUNTY PUBLIC WORKS	FINDS
BEAUFORT COUNTY PUBLIC WORKS	FINDS
EXXON/BEAUFORT OIL CO	FINDS
BEAUFORT COUNTY SCHOOL DISTRICT	FINDS
BEAUFORT JASPER COUNTY WATER AUTHO	FINDS
SCE&G BEAUFORT CREW QUARTERS	FINDS
BATTERY CREEK MARINA	FINDS
DAYS INN BEAUFORT	FINDS
BEAUFORT COUNTY PUBLIC WORKS	FINDS
BEAUFORT COUNTY	FINDS
BEAUFORT MCAS /MERRITT FIELD/	FINDS
BEAUFORT COUNTY HEALTH DEPT	FINDS
BEAUFORT COUNTY DEPARTMENT OF PUBL	FINDS
BEAUFORT PLAZA	FINDS
LOWEN CORPORATION BEAUFORT DIVISIO	FINDS
LOWCOUNTRY CONCRETE: BEAUFORT (PLT	ICIS

# OVERVIEW MAP - 3518290.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

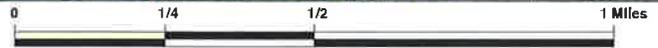
Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

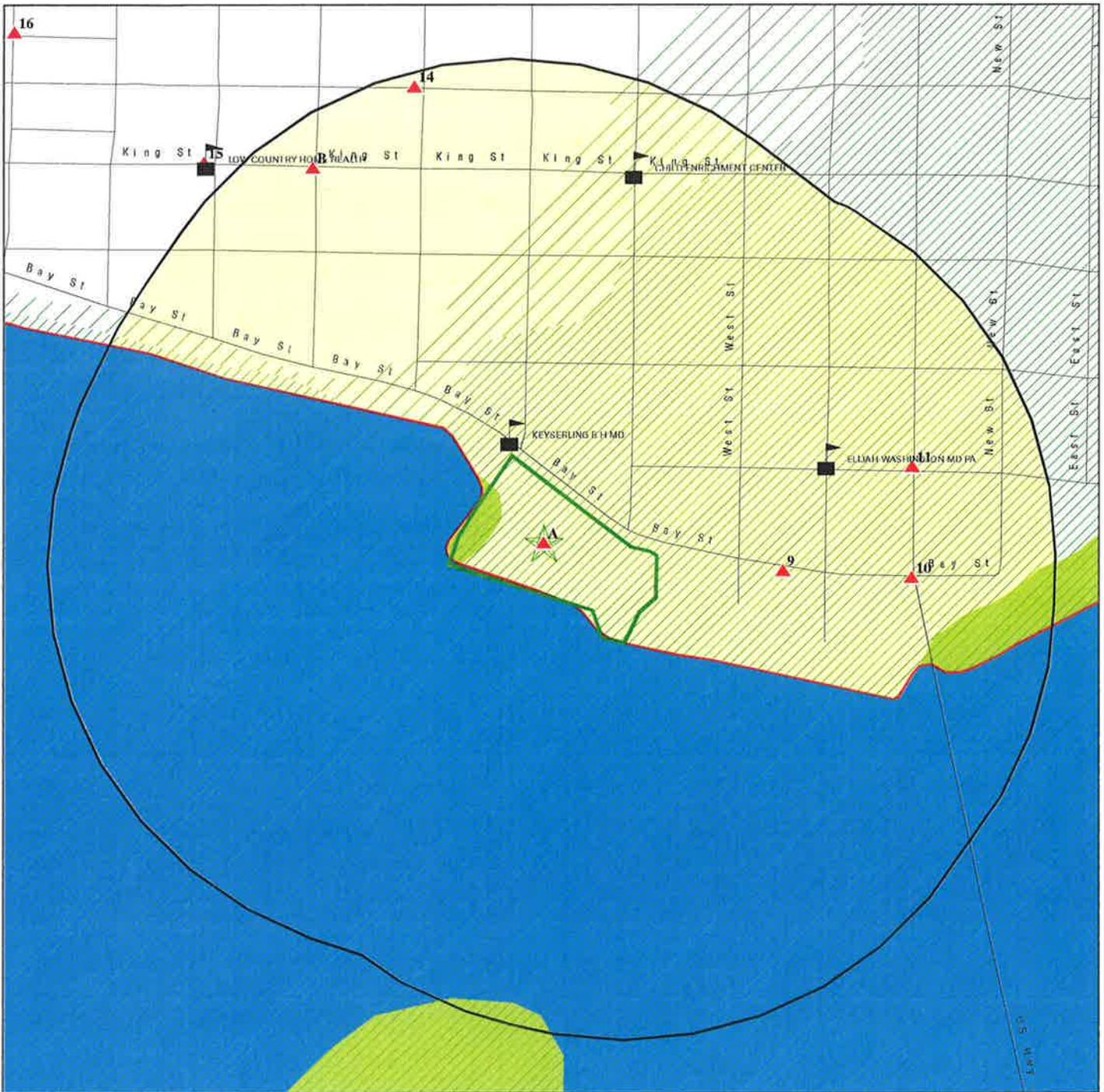


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Beaufort Marina  
 ADDRESS: 1010 Bay Street  
 Beaufort SC 29902  
 LAT/LONG: 32.4311 / 80.6739

CLIENT: Whitaker Laboratory  
 CONTACT: Donald  
 INQUIRY #: 3518290.2s  
 DATE: February 14, 2013 11:46 am

# DETAIL MAP - 3518290.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

<p><b>SITE NAME:</b> Beaufort Marina  <b>ADDRESS:</b> 1010 Bay Street          Beaufort SC 29902  <b>LAT/LONG:</b> 32.4311 / 80.6739</p>	<p><b>CLIENT:</b> Whitaker Laboratory  <b>CONTACT:</b> Donald  <b>INQUIRY #:</b> 3518290.2s  <b>DATE:</b> February 14, 2013 11:49 am</p>
--	--

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP	3	NR	NR	NR	NR	NR	3
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500	1	0	0	2	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST	0.250	1	0	2	NR	NR	NR	3

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
RCR	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
GWCI	0.500	1	0	0	0	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A1**      **DOWNTOWN MARINA OF BEAUFORT**  
**Target**    **1006 BAY ST**  
**Property**   **BEAUFORT, SC 29902**

**FINDS**    **1007230653**  
 N/A

**Site 1 of 8 in cluster A**

**Actual:**  
**7 ft.**

FINDS:

Registry ID:                    110017019215

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

**A2**      **DOWNTOWN MARINA OF BEAUFORT**  
**Target**    **1006 BAY ST**  
**Property**   **BEAUFORT, SC 29902**

**GWCI**    **U004016954**  
 N/A

**Site 2 of 8 in cluster A**

**Actual:**  
**7 ft.**

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01028
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOWNTOWN MARINA OF BEAUFORT (Continued)**

**U004016954**

Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 01028. RBCA Classification 3AC5. Inactive.

**A3**  
Target  
Property

**BEAUFORT DOWNTOWN MARINA 1010 BAY ST  
BEAUFORT, SC**

**ERNS 98421724  
N/A**

**Site 3 of 8 in cluster A**

**Actual:  
7 ft.**

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

**A4**  
Target  
Property

**BEAUFORT DOWNTOWN MARINA  
1006 BAY ST  
BEAUFORT, SC**

**SPILLS S106656374  
N/A**

**Site 4 of 8 in cluster A**

**Actual:  
7 ft.**

SPILL:  
Incident ID number: 33935311  
Incident Name: Not reported  
District Logged In: Not reported  
Date DHEC notified: 09/04/2007  
DHEC notification: 10:14:00  
Observed date: 09/04/2007  
observed\_t: 8:00:00  
Spill Date: Not reported  
Spill Time: Not reported  
Duration: Not reported  
Created Date: 09/04/2007  
Updated Date: 09/04/2007  
District Name: Not reported  
PRP Last Name: Not reported  
PRP First Name: Not reported  
Incident substance type: Oil  
Received by Name: PAUL HUGGINS  
Reviwed by Name: ALEX SAUNDERS  
Transportation: Not reported  
Surface water affected: Not reported  
Lead Investigator Name: Not reported  
CCBEP: No  
Water body: Not reported  
Caller Last Name: Not reported  
Caller name: Not reported  
Caller phone number: Not reported  
Caller extension: Not reported  
Caller organization: Not reported  
Substance: Not reported  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Recovered Units: Not reported  
Comments: Not reported

Incident ID number: 8545939

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEAUFORT DOWNTOWN MARINA (Continued)**

**S106656374**

Incident Name: Not reported  
District Logged In: Not reported  
Date DHEC notified: 10/29/2004  
DHEC notification: 1830  
Observed date: Not reported  
observed\_t: Not reported  
Spill Date: 10/29/2004  
Spill Time: 1810  
Duration: Not reported  
Created Date: 11/01/2004  
Updated Date: 11/01/2004  
District Name: Not reported  
PRP Last Name: BEAUFORT DOWNTOWN MARINA  
PRP First Name: Not reported  
Incident substance type: Oil  
Received by Name: DAVID REED  
Reviewed by Name: ROGER STEVENS  
Transportation: Not reported  
Surface water affected: Not reported  
Lead Investigator Name: Not reported  
CCBEP: No  
Water body: Not reported  
Caller Last Name: Not reported  
Caller name: Not reported  
Caller phone number: Not reported  
Caller extension: Not reported  
Caller organization: Not reported  
Substance: Not reported  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Recovered Units: Not reported  
Comments: Not reported

**A5** **DOWNTOWN MARINA OF BEAUFORT**  
**Target** **1010 BAY ST**  
**Property** **BEAUFORT, SC 29902**

**LUST** **U004144797**  
**UST** **N/A**

**Site 5 of 8 in cluster A**

**Actual:**  
**7 ft.**

**LUST:**  
Facility ID: 01028  
Release Number: 1  
Facility Status: approved  
Substance: PETRO  
Owner: BEAUFORT CITY OF  
**NFA Date: 12/08/09**  
Date Confirmed: 03/23/92  
Report Date: 12/13/91  
Rank: 3AC

**LUST DETAIL:**  
Release Date: 12/13/1991  
Cleanup Complete Date: Not reported  
RP Name: BEAUFORT CITY OF  
RP Address: 302 CARTERET ST  
RP City: BEAUFORT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOWNTOWN MARINA OF BEAUFORT (Continued)**

**U004144797**

RP State: SC  
RP Zip: 29902  
SCRBCA Class Code: CLASS3AC  
Depth to Ground Water: 5  
Ground Water Flow Direction: S  
Project Manager: KOON, JUSTIN  
Release Fin Type Code: With SUPERB

UST:

Facility ID: 1028  
Owner: BEAUFORT CITY OF  
Owner Contact: JOHN GRIFFIN  
Owner Address: 302 CARTERET ST  
Owner City,St,Zip: BEAUFORT, SC 29902  
Owner Phone: 843-525-7078  
Contact: JOHN GRIFFIN  
Contact Tel: 843-524-4422

Tank ID: 1  
Capacity: 3000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 10  
Capacity: 10000  
Product: Diesel  
Calcage: 10  
**Status: Currently in use**

Tank ID: 2  
Capacity: 3000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 3  
Capacity: 3000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 4  
Capacity: 3000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 5  
Capacity: 4000  
Product: Gasoline

Map ID  
Direction  
Distance  
Elevation

**MAP FINDINGS**

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOWNTOWN MARINA OF BEAUFORT (Continued)**

**U004144797**

Calcage: Not reported  
**Status: Abandoned**

Tank ID: 6  
Capacity: 4000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 7  
Capacity: 4000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 8  
Capacity: 4000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 9  
Capacity: 5000  
Product: PLUS  
Calcage: 10  
**Status: Currently in use**

**A6**  
**Target**  
**Property**  
**CHARLES H KRESCH DDS**  
**1002 BAY ST**  
**BEAUFORT, SC 29902**

**FINDS** **1007257690**  
**N/A**

**Site 6 of 8 in cluster A**

**Actual:**  
**7 ft.**

**FINDS:**

Registry ID: 110017306663

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

<b>A7</b>		<b>ERNS</b>	<b>2011976068</b>
Target Property	<b>1006 BAY STREET BEAUFORT, SC 29902</b>		<b>N/A</b>
	<b>Site 7 of 8 in cluster A</b>		

**Actual:** 7 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

<b>A8</b>		<b>ERNS</b>	<b>2007323147</b>
Target Property	<b>1006 BAY STREET BEAUFORT, SC</b>		<b>N/A</b>
	<b>Site 8 of 8 in cluster A</b>		

**Actual:** 7 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

<b>9</b>		<b>RCRA NonGen / NLR</b>	<b>1000695842</b>
East < 1/8 0.079 mi. 418 ft.	<b>CAROLINA WOODLORE RT 1 BOX 200 GRAYS HILL BURTON, SC 29902</b>	<b>FINDS</b>	<b>SCD987589850</b>

**Relative:** Higher

**Actual:** 9 ft.

**RCRA NonGen / NLR:**

Date form received by agency: 10/12/1998

Facility name: CAROLINA WOODLORE

Facility address: RT 1 BOX 200 GRAYS HILL  
BURTON, SC 29902

EPA ID: SCD987589850

Contact: JAMES R EDDY

Contact address: RT 1 BOX 200 GRAYS HILL  
BURTON, SC 29902

Contact country: US

Contact telephone: (803) 846-2800

Contact email: Not reported

EPA Region: 04

Land type: Private

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: JAMES R EDDY

Owner/operator address: RT 1 BOX 200  
BURTON, SC 29902

Owner/operator country: Not reported

Owner/operator telephone: (803) 846-2800

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA WOODLORE (Continued)**

**1000695842**

Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/12/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/05/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

FINDS:

Registry ID: 110002198416

Environmental Interest/Information System  
SC-EFIS (South Carolina - Environmental Facility Information System)  
integrates information on environmental facilities, permits,  
violations, enforcement actions, and compliance activities needed to

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAROLINA WOODLORE (Continued)**

**1000695842**

support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

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

**10**  
**East**  
**1/8-1/4**  
**0.160 mi.**  
**845 ft.**

**FORMER ESSO SERVICE**  
**700 BAY ST**  
**BEAUFORT, SC 29902**

**UST U004127769**  
**N/A**

**Relative:**  
**Higher**

**UST:**

Facility ID: 19437  
Owner: TIDAL WAVE 23 LLC  
Owner Contact: Not reported  
Owner Address: 102 EXECUTIVE CENTER  
Owner City,St,Zip: HILTON HEAD ISLAND, SC 29938  
Owner Phone: 843-785-3466  
Contact: Not reported  
Contact Tel: Not reported

**Actual:**  
**9 ft.**

Tank ID: 1  
Capacity: Not reported  
Product: Gasoline  
Calcage: 0  
**Status: Abandoned**

**11**  
**ENE**  
**1/8-1/4**  
**0.170 mi.**  
**897 ft.**

**CITY OF BEAUFORT**  
**302 CARTERET ST**  
**BEAUFORT, SC 29901**

**RCRA NonGen / NLR 1000835439**  
**FINDS SCD987595105**

**Relative:**  
**Higher**

**RCRA NonGen / NLR:**

Date form received by agency: 04/22/1994  
Facility name: CITY OF BEAUFORT  
Facility address: 302 CARTERET ST  
BEAUFORT, SC 29901  
EPA ID: SCD987595105  
Mailing address: CARTERET ST  
BEAUFORT, SC 29901  
Contact: MIKE DUBOIS  
Contact address: 302 CARTERET ST  
BEAUFORT, SC 29901  
Contact country: US  
Contact telephone: (803) 525-7040  
Contact email: Not reported  
EPA Region: 04

**Actual:**  
**8 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF BEAUFORT (Continued)**

**1000835439**

Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF BEAUFORT  
Owner/operator address: 302 CARTERET ST  
BEAUFORT, SC 29901  
Owner/operator country: Not reported  
Owner/operator telephone: (803) 525-7000  
Legal status: State  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000  
Waste name: Not Defined  
  
Waste code: D008  
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110002256479

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF BEAUFORT (Continued)**

**1000835439**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**B12  
NNW  
1/8-1/4  
0.220 mi.  
1162 ft.**

**BEAUFORT COUNTY SCHOOL DISTRICT  
1300 KING ST  
BEAUFORT, SC 29901**

**RCRA-SQG 1005444751  
SCR000763102**

**Site 1 of 2 in cluster B**

**Relative:  
Higher**

RCRA-SQG:

Date form received by agency: 05/08/2002

Facility name: BEAUFORT COUNTY SCHOOL DISTRICT

Facility address: 1300 KING ST  
BEAUFORT, SC 29901

EPA ID: SCR000763102

Mailing address: PO DRAWER 309  
BEAUFORT, SC 29901

Contact: PAUL CARSTENS

Contact address: 2900 MINE PT RD  
BEAUFORT, SC 29901

Contact country: US

Contact telephone: (843) 322-0714

Contact email: Not reported

EPA Region: 04

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BEAUFORT COUNTY SCHOOL DIST

Owner/operator address: 1300 KING ST  
BEAUFORT, SC 29901

Owner/operator country: Not reported

Owner/operator telephone: (843) 322-0714

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/0001

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEAUFORT COUNTY SCHOOL DISTRICT (Continued)**

**1005444751**

Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Hazardous Waste Summary:**

Waste code: D009  
Waste name: MERCURY

Violation Status: No violations found

**B13  
NNW  
1/8-1/4  
0.220 mi.  
1162 ft.**

**BEAUFORT COUNTY SCHOOL DISTRICT  
1300 KING STREET  
BEAUFORT, SC 29901**

**RCRA-CESQG  
FTTS  
HIST FTTS  
FINDS**

**1000424858  
SCD069333227**

**Site 2 of 2 in cluster B**

**Relative:  
Higher**

**RCRA-CESQG:**

Date form received by agency: 03/27/2002  
Facility name: BEAUFORT COUNTY SCHOOL DISTRICT  
Facility address: 1300 KING STREET  
BEAUFORT, SC 29901

**Actual:  
23 ft.**

EPA ID: SCD069333227  
Mailing address: PO DRAWER 309  
BEAUFORT, SC 29901  
Contact: EMMA CAMPBELL  
Contact address: PO DRAWER 309  
BEAUFORT, SC 29901

Contact country: US  
Contact telephone: (803) 524-2660  
Contact email: Not reported  
EPA Region: 04

Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: BEAUFORT COUNTY SCHOOL  
Owner/operator address: 1300 KING STREET  
BEAUFORT, SC 29901

Owner/operator country: Not reported  
Owner/operator telephone: (999) 999-9999  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEAUFORT COUNTY SCHOOL DISTRICT (Continued)**

**1000424858**

Owner/operator name: OPERNAME  
Owner/operator address: OPERSTREET  
OPERCITY, WY 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (404) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 04/29/1988  
Facility name: BEAUFORT COUNTY SCHOOL DISTRICT  
Classification: Small Quantity Generator

**Hazardous Waste Summary:**

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

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

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEAUFORT COUNTY SCHOOL DISTRICT (Continued)**

**1000424858**

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Violation Status: No violations found

**FTTS INSP:**

Inspection Number: 19940726N4005 1  
Region: 04  
Inspection Date: 07/26/94  
Inspector: HALYARD, SCOTT  
Violation occurred: No  
Investigation Type: AHERA, Enforcement, SEE Conducted  
Investigation Reason: Neutral Scheme, Region  
Legislation Code: TSCA  
Facility Function: User

**HIST FTTS INSP:**

Inspection Number: 19940726N4005 1  
Region: 04  
Inspection Date: Not reported  
Inspector: HALYARD, SCOTT  
Violation occurred: No  
Investigation Type: AHERA, Enforcement, SEE Conducted  
Investigation Reason: Neutral Scheme, Region  
Legislation Code: TSCA  
Facility Function: User

**FINDS:**

Registry ID: 110004938364

**Environmental Interest/Information System**

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**14**  
**NNW**  
**1/8-1/4**  
**0.241 mi.**  
**1270 ft.**

**BEAUFORT CITY OF PUBLIC WORKS**  
**1207 PRINCE ST**  
**BEAUFORT, SC 29902**

**UST** **U004016961**  
**N/A**

**Relative:**  
**Higher**

UST:

Facility ID: 1032  
 Owner: BEAUFORT CITY OF  
 Owner Contact: JOHN GRIFFIN  
 Owner Address: 302 CARTERET ST  
 Owner City,St,Zip: BEAUFORT, SC 29902  
 Owner Phone: 843-525-7078  
 Contact: JOHN GRIFFIN  
 Contact Tel: Not reported

**Actual:**  
**17 ft.**

Tank ID: 1  
 Capacity: 1000  
 Product: Gasoline  
 Calcage: Not reported  
**Status: Abandoned**

Tank ID: 2  
 Capacity: 500  
 Product: Diesel  
 Calcage: Not reported  
**Status: Abandoned**

Tank ID: 3  
 Capacity: 10000  
 Product: Gasoline  
 Calcage: Not reported  
**Status: Abandoned**

Tank ID: 4  
 Capacity: 5000  
 Product: Diesel  
 Calcage: Not reported  
**Status: Abandoned**

**15**  
**NW**  
**1/4-1/2**  
**0.267 mi.**  
**1408 ft.**

**BEAUFORT COUNTY JAIL**  
**1409 KING ST**  
**BEAUFORT, SC 29902**

**LUST** **U003878252**  
**UST** **N/A**

**Relative:**  
**Higher**

LUST:

Facility ID: 01033  
 Release Number: 1  
 Facility Status: Not reported  
 Substance: PETRO  
 Owner: BEAUFORT COUNTY  
**NFA Date: 07/15/92**  
 Date Confirmed: 04/30/91  
 Report Date: 02/28/91  
 Rank: Not reported

**Actual:**  
**24 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**BEAUFORT COUNTY JAIL (Continued)**

**U003878252**

UST:

Facility ID: 1033  
Owner: BEAUFORT COUNTY  
Owner Contact: DOT GNANN  
Owner Address: 100 RIBAUT RD  
Owner City,St,Zip: BEAUFORT, SC 29902  
Owner Phone: 843-470-6401  
Contact: DOT GNANN  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 3000  
Product: Gasoline  
Calcage: Not reported  
Status: **Abandoned**

16  
NW  
1/4-1/2  
0.409 mi.  
2161 ft.

**JOHN SETTLES PROPERTY**  
**711 BLADEN ST**  
**BEAUFORT, SC 29902**

LUST U004124160  
UST N/A

Relative:  
Higher

LUST:

Facility ID: 19303  
Release Number: 1  
Facility Status: awaiting funding  
Substance: PETROL  
Owner: HUBBARD ORPHAN  
NFA Date: **Not reported**  
Date Confirmed: 07/22/08  
Report Date: 06/09/08  
Rank: 3BF

Actual:  
23 ft.

LUST DETAIL:

Release Date: 06/09/2008  
Cleanup Complete Date: Not reported  
RP Name: ORPHAN  
RP Address: Not reported  
RP City: Not reported  
RP State: SC  
RP Zip: Not reported  
SCRBCA Class Code: CLASS3BF  
Depth to Ground Water: 3  
Ground Water Flow Direction: Not reported  
Project Manager: SHRADER, ART A  
Release Fin Type Code: SUPERB Fund Cost Recovery

UST:

Facility ID: 19303  
Owner: ORPHAN  
Owner Contact: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: SC  
Owner Phone: Not reported  
Contact: Not reported  
Contact Tel: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN SETTLES PROPERTY (Continued)**

**U004124160**

Tank ID: 1  
Capacity: Not reported  
Product: Not reported  
Calcage: 50  
**Status: Pre 1974**

Tank ID: 2  
Capacity: Not reported  
Product: Not reported  
Calcage: 50  
**Status: Pre 1974**

Count: 34 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BURTON	1005855783	LOWEN CORPORATION BEAUFORT DIVISIO	BEAUFORT INDUSTRIAL PARK	29902	FINDS
BEAUFORT	1007224544	BEAUFORT JASPER W&S AUTHORITY	622 HWY 170 S	29902	FINDS
BEAUFORT	1007225824	BEAUFORT COUNTY PUBLIC WORKS	ATTN: ERIK FREIESLEBEN	29902	FINDS
BEAUFORT	1007226463	BEAUFORT SHELL	HWY 21	29902	FINDS
BURTON	1007230262	BEAUFORT PLAZA	BEAUFORT PLAZA PO BOX 4160	29902	FINDS
BEAUFORT	1007230518	EXXON/BEAUFORT OIL CO	BEAUFORT OIL CO PO BOX 4297	29903	FINDS
BEAUFORT	1007230931	SCE&G BEAUFORT CREW QUARTERS	DEPOT RD	29902	FINDS
BEAUFORT	1007234451	BROAD CREEK MARINA	C/O ATLANTIC MARINE CONSTRUCTI	29901	FINDS
BEAUFORT	1007235404	BEAUFORT COUNTY PUBLIC WORKS	SHANKLIN RD S-7-86	29902	FINDS
BEAUFORT	1007241146	BEAUFORT COUNTY DEPARTMENT OF PUBL	RT 1 PO BOX 274	29902	FINDS
BEAUFORT	1007257390	BEAUFORT COUNTY PUBLIC WORKS	ATTN: SCOTT A LANGFORD	29901	FINDS
BEAUFORT	1007258292	BEAUFORT JASPER COUNTY WATER AUTHO	PO BOX 275	29901	FINDS
BEAUFORT	1007260216	BEAUFORT COUNTY HEALTH DEPT	601 WILLINGTON ST	29902	FINDS
BEAUFORT	1007651200	DAYS INN BEAUFORT	1660 RIBAUTL RD	29902	FINDS
BEAUFORT	1007834905	BATTERY CREEK MARINA	124 LADIES ISLAND DR	29907	FINDS
BEAUFORT	1007835025	BEAUFORT COUNTY SCHOOL DISTRICT	PO BOX 350	29901	FINDS
BEAUFORT	1011594828	LOWCOUNTRY CONCRETE: BEAUFORT (PLT	SC HWY 546 BEAUFORT SC 29	29902	ICIS
BEAUFORT	1011991507	BEAUFORT COUNTY	UNKNOWN	00000	FINDS
BEAUFORT	1014835119	BEAUFORT MCAS /MERRITT FIELD/	UNKNOWN	00000	FINDS
BEAUFORT	1015736376	USN NAVAL HOSPITAL BEAUFORT	SC HIGHWAY 280	29902	CERCLIS-NFRAP
HILTON HEAD	2011977026		161 HARBOR PASSAGE DR.	29926	ERNS
BEAUFORT	974058690		US HWY 17 MM:UNKNOWN 20 MILES	ERNS	ERNS
BEAUFORT	974058691		US HWY 17 MM:UNKNOWN 20 MILES	ERNS	ERNS
BEAUFORT	98421701		CITY DOC AT BEAUFORT	ERNS	ERNS
BEAUFORT	98426116		OFF OF HIGHWAY 21 USMC AIR STA	ERNS	ERNS
BEAUFORT	S105528122	INDEPENDENT NAIL CO	INT HWY 86 & HWY 21	29902	HWS
BEAUFORT	S105528196	PARKER WHITE METAL CORP	FROM INT HWY 21 & SR 543 TAKE	29902	HWS
BURTON	S108272940	KALAMA SPECIALITY	HWY 21		ALLSITES
BEAUFORT	S110143032	INDEPENDENT NAIL CO.	INT HWY 86 & HWY 21	29902	BROWNFIELDS
BEAUFORT	U004017079	SCE&G FLEET MAINT CENTER BEAUFORT	HWY 170	29902	LUST,UST
BEAUFORT	U004017713	HARPER BROS OFFICE SUPPLY	HWY 170	29902	LUST,UST
BURTON	U004019731	COPELAND FUNERAL HOME	HWY 170 @ BEAUFORT MEM GARDENS	29902	UST
BEAUFORT	U004019761	BEAUFORT WORK CENTER	HWY 170	29902	LUST,UST
LAUREL BAY	U004019763	UNITED TEL CO OF THE CAROLINAS	HWY 116	29902	UST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

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

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

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

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

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

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

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 132

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/08/2013  
Next Scheduled EDR Contact: 05/27/2013  
Data Release Frequency: Quarterly

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

#### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Quarterly

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

#### **RCRA-LQG: RCRA - Large Quantity Generators**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **US ENG CONTROLS: Engineering Controls Sites List**

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

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

### **US INST CONTROL: Sites with Institutional Controls**

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

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

### **LUCIS: Land Use Control Information System**

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/15/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Varies

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

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

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 01/17/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

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

### **SHWS: Site Assessment Section Project List**

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

Date of Government Version: 12/27/2012	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 01/09/2013	Telephone: 803-734-5376
Date Made Active in Reports: 02/01/2013	Last EDR Contact: 12/13/2012
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **SWF/LF: Permitted Landfills List**

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

Date of Government Version: 12/20/2012	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 12/21/2012	Telephone: 803-734-5165
Date Made Active in Reports: 02/01/2013	Source: Department of Health and Environmental Control, GIS Section
Number of Days to Update: 42	Telephone: 803-896-4084
	Last EDR Contact: 12/13/2012
	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Varies

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

### **LUST: Leaking Underground Storage Tank List**

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/23/2012	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 05/24/2012	Telephone: 803-898-4350
Date Made Active in Reports: 06/28/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

### **INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land**

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

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/30/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

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

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

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

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/28/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 04/12/2012	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 02/01/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3372
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 11/26/2012	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 11/28/2012	Telephone: 803-896-7957
Date Made Active in Reports: 12/05/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List  
Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 08/04/2004	Telephone: 803-898-4350
Date Made Active in Reports: 09/23/2004	Last EDR Contact: 12/03/2012
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 01/28/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

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

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

Date of Government Version: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/12/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 05/02/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/16/2012	Last EDR Contact: 02/01/2013
Number of Days to Update: 75	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

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

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

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 75	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/06/2012	Source: EPA Region 9
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3368
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/14/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Varies

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

#### RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

Date of Government Version: 09/19/2012	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 09/20/2012	Telephone: 803-896-4000
Date Made Active in Reports: 10/22/2012	Last EDR Contact: 12/21/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Varies

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

#### VCP: Voluntary Cleanup Sites

Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 09/19/2012	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 09/20/2012	Telephone: 803-896-4049
Date Made Active in Reports: 10/22/2012	Last EDR Contact: 12/21/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Varies

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/2012  
Date Data Arrived at EDR: 10/02/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 14

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 01/04/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Varies

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

#### **BROWNFIELDS: Brownfields Sites Listing**

The Brownfields component of the Voluntary Cleanup Program allows a non-responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

Date of Government Version: 10/15/2012  
Date Data Arrived at EDR: 10/17/2012  
Date Made Active in Reports: 10/22/2012  
Number of Days to Update: 5

Source: Department of Health & Environmental Control  
Telephone: 803-896-4069  
Last EDR Contact: 01/25/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Varies

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

##### **US BROWNFIELDS: A Listing of Brownfields Sites**

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

Date of Government Version: 12/10/2012  
Date Data Arrived at EDR: 12/11/2012  
Date Made Active in Reports: 12/20/2012  
Number of Days to Update: 9

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 02/14/2013  
Next Scheduled EDR Contact: 04/08/2013  
Data Release Frequency: Semi-Annually

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

##### **ODI: Open Dump Inventory**

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

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

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

##### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**SWRCY: Solid Waste Recycling Facilities**  
A listing of recycling center locations.

Date of Government Version: 03/06/2012	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 03/09/2012	Telephone: 803-896-8985
Date Made Active in Reports: 04/04/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

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

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/05/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/20/2013
	Data Release Frequency: Varies

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

**US CDL: Clandestine Drug Labs**

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

Date of Government Version: 07/11/2012	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/12/2012	Telephone: 202-307-1000
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Quarterly

**ALLSITES: Site Assessment & Remediation Public Record Database**

The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 03/02/2012	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 04/05/2012	Telephone: 803-896-4000
Date Made Active in Reports: 05/04/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Quarterly

**CDL: Clandestine Drug Lab Sites**

A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 01/26/2012	Telephone: 803-896-4288
Date Made Active in Reports: 02/24/2012	Last EDR Contact: 01/25/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/06/2013
	Data Release Frequency: Varies

**US HIST CDL: National Clandestine Laboratory Register**

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### **Local Land Records**

#### **LIENS 2: CERCLA Lien Information**

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

Date of Government Version: 02/16/2012  
Date Data Arrived at EDR: 03/26/2012  
Date Made Active in Reports: 06/14/2012  
Number of Days to Update: 80

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Varies

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

#### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 04/01/2012  
Date Data Arrived at EDR: 04/03/2012  
Date Made Active in Reports: 06/14/2012  
Number of Days to Update: 72

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Annually

#### **SPILLS: Spill List**

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 01/22/2013  
Date Data Arrived at EDR: 01/24/2013  
Date Made Active in Reports: 02/01/2013  
Number of Days to Update: 8

Source: Department of Health and Environmental Control  
Telephone: 803-898-4111  
Last EDR Contact: 12/03/2012  
Next Scheduled EDR Contact: 03/18/2013  
Data Release Frequency: Varies

### **Other Ascertainable Records**

#### **RCRA NonGen / NLR: RCRA - Non Generators**

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

Date of Government Version: 09/11/2012  
Date Data Arrived at EDR: 10/04/2012  
Date Made Active in Reports: 12/04/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: 04/15/2013  
Data Release Frequency: Varies

#### **DOT OPS: Incident and Accident Data**

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

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

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 02/05/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/17/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Semi-Annually

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/10/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 10/01/2012	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/19/2012	Telephone: Varies
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 12/28/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Varies

### ROD: Records Of Decision

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

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

### US MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Annually

### TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

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

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

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

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011  
Date Data Arrived at EDR: 11/10/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 01/17/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010  
Date Data Arrived at EDR: 11/10/2010  
Date Made Active in Reports: 02/16/2011  
Number of Days to Update: 98

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/16/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011  
Date Data Arrived at EDR: 07/15/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 60

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 12/10/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012  
Date Data Arrived at EDR: 10/02/2012  
Date Made Active in Reports: 11/05/2012  
Number of Days to Update: 34

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/09/2013  
Next Scheduled EDR Contact: 04/22/2013  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (404) 562-9900
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

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

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

### RMP: Risk Management Plans

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

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/30/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Biennially

### GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 11/06/2008	Telephone: 803-898-3798
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/04/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

Date of Government Version: 11/16/2012  
Date Data Arrived at EDR: 11/16/2012  
Date Made Active in Reports: 11/29/2012  
Number of Days to Update: 13

Source: Department of Health & Environmental Control  
Telephone: 803-898-3799  
Last EDR Contact: 02/11/2013  
Next Scheduled EDR Contact: 05/27/2013  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritize and cleanup contaminated registered drycleaning sites.

Date of Government Version: 12/01/2010  
Date Data Arrived at EDR: 02/11/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 32

Source: Department of Health & Environmental Control  
Telephone: 803-898-3882  
Last EDR Contact: 02/07/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Varies

### NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 12/21/2012  
Date Data Arrived at EDR: 12/21/2012  
Date Made Active in Reports: 02/01/2013  
Number of Days to Update: 42

Source: Department of Health & Environmental Control  
Telephone: 803-898-4300  
Last EDR Contact: 12/18/2012  
Next Scheduled EDR Contact: 04/08/2013  
Data Release Frequency: Varies

### AIRS: Permitted Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 03/08/2012  
Date Made Active in Reports: 04/04/2012  
Number of Days to Update: 27

Source: Department of Health & Environmental Control  
Telephone: 803-898-4279  
Last EDR Contact: 12/03/2012  
Next Scheduled EDR Contact: 03/18/2013  
Data Release Frequency: Varies

### INDIAN RESERV: Indian Reservations

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/17/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 01/21/2013  
Next Scheduled EDR Contact: 05/06/2013  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012	Source: EPA
Date Data Arrived at EDR: 01/27/2012	Telephone: 202-564-5962
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/28/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/04/2012	Telephone: 202-564-6023
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 01/03/2013
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Quarterly

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/17/2013
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: N/A

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

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

Date of Government Version: 01/18/2012	Source: EPA
Date Data Arrived at EDR: 01/27/2012	Telephone: 202-564-5962
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/28/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

### Financial Assurance 3: Financial Assurance Information Listing

UST financial assurance information.

Date of Government Version: 05/25/2011	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 05/27/2011	Telephone: 803-898-3880
Date Made Active in Reports: 06/30/2011	Last EDR Contact: 12/03/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

### Financial Assurance 2: Financial Assurance Information Listing

Hazardous waste financial assurance information.

Date of Government Version: 12/21/2012	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 12/21/2012	Telephone: 803-898-3880
Date Made Active in Reports: 02/01/2013	Last EDR Contact: 12/13/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2012	Telephone: 617-520-3000
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 02/12/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/27/2013
	Data Release Frequency: Quarterly

### US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2012	Telephone: 202-566-1917
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 11/16/2012
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Quarterly

### PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/01/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 07/31/2009	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 08/07/2009	Telephone: 803-898-3964
Date Made Active in Reports: 08/17/2009	Last EDR Contact: 12/26/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: Varies

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

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

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/16/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Varies

### COAL ASH DOE: Sleam-Electric Plan Operation Data

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 01/15/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Varies

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

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

Date of Government Version: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/11/2012  
Next Scheduled EDR Contact: 03/25/2013  
Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

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

Date of Government Version: 12/21/2012  
Date Data Arrived at EDR: 12/21/2012  
Date Made Active in Reports: 02/01/2013  
Number of Days to Update: 42

Source: Department of Health & Environmental Control  
Telephone: 803-896-4067  
Last EDR Contact: 12/13/2012  
Next Scheduled EDR Contact: 04/01/2013  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

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

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

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

### EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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

### EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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

### OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/19/2012	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/19/2012	Telephone: 860-424-3375
Date Made Active in Reports: 01/03/2013	Last EDR Contact: 11/19/2012
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 08/28/2012	Last EDR Contact: 01/15/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/01/2012  
Date Data Arrived at EDR: 11/07/2012  
Date Made Active in Reports: 12/11/2012  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/07/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/23/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 57

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/21/2013  
Next Scheduled EDR Contact: 05/06/2013  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 06/22/2012  
Date Made Active in Reports: 07/31/2012  
Number of Days to Update: 39

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/26/2012  
Next Scheduled EDR Contact: 03/11/2013  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 09/27/2012  
Number of Days to Update: 70

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/13/2012  
Next Scheduled EDR Contact: 04/01/2013  
Data Release Frequency: Annually

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

### Electric Power Transmission Line Data

Source: Rextag Strategies Corp.  
Telephone: (281) 769-2247  
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991  
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248  
Information on Medicare and Medicaid certified nursing homes in the United States.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Child Day Care List

Source: Department of Social Services

Telephone: 803-898-7345

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

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

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

### STREET AND ADDRESS INFORMATION

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

BEAUFORT MARINA  
1010 BAY STREET  
BEAUFORT, SC 29902

### TARGET PROPERTY COORDINATES

Latitude (North):	32.4311 - 32° 25' 51.96"
Longitude (West):	80.6739 - 80° 40' 26.04"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	530657.6
UTM Y (Meters):	3588079.2
Elevation:	7 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	32080-D6 BEAUFORT, SC
Most Recent Revision:	1998

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

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

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

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



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

### FEMA FLOOD ZONE

<u>Target Property County</u> BEAUFORT, SC	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	4500260005D - FEMA Q3 Flood data
Additional Panels in search area:	4500250100D - FEMA Q3 Flood data

### NATIONAL WETLAND INVENTORY

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

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

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

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

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

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

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

#### **ROCK STRATIGRAPHIC UNIT**

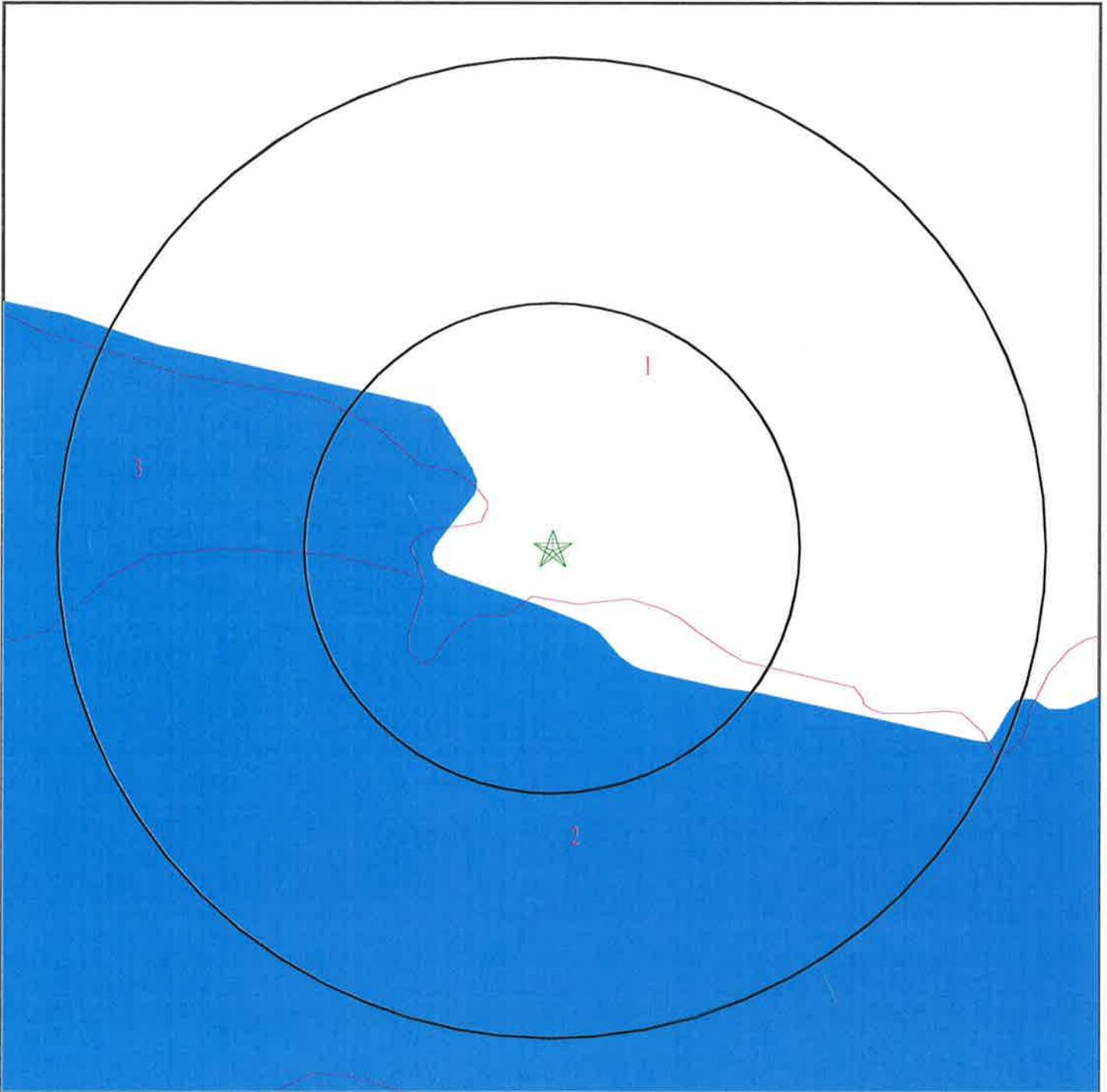
Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp <i>(decoded above as Era, System &amp; Series)</i>

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 3518290.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water



SITE NAME: Beaufort Marina  
ADDRESS: 1010 Bay Street  
Beaufort SC 29902  
LAT/LONG: 32.4311 / 80.6739

CLIENT: Whitaker Laboratory  
CONTACT: Donald  
INQUIRY #: 3518290.2s  
DATE: February 14, 2013 11:49 am

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

#### Soil Map ID: 1

Soil Component Name: LAKELAND

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	51 inches	fine sand	Not reported	Not reported	Max: 141 Min: 42	Max: 6 Min: 4.5
2	51 inches	85 inches	fine sand	Not reported	Not reported	Max: 141 Min: 42	Max: 6 Min: 4.5

#### Soil Map ID: 2

Soil Component Name: WATER

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 3**

Soil Component Name: BOHICKET

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	9 inches	48 inches	silty clay	Not reported	Not reported	Max: Min:	Max: Min:
3	48 inches	79 inches		Not reported	Not reported	Max: Min:	Max: Min:

**LOCAL / REGIONAL WATER AGENCY RECORDS**

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

**WELL SEARCH DISTANCE INFORMATION**

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

**FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

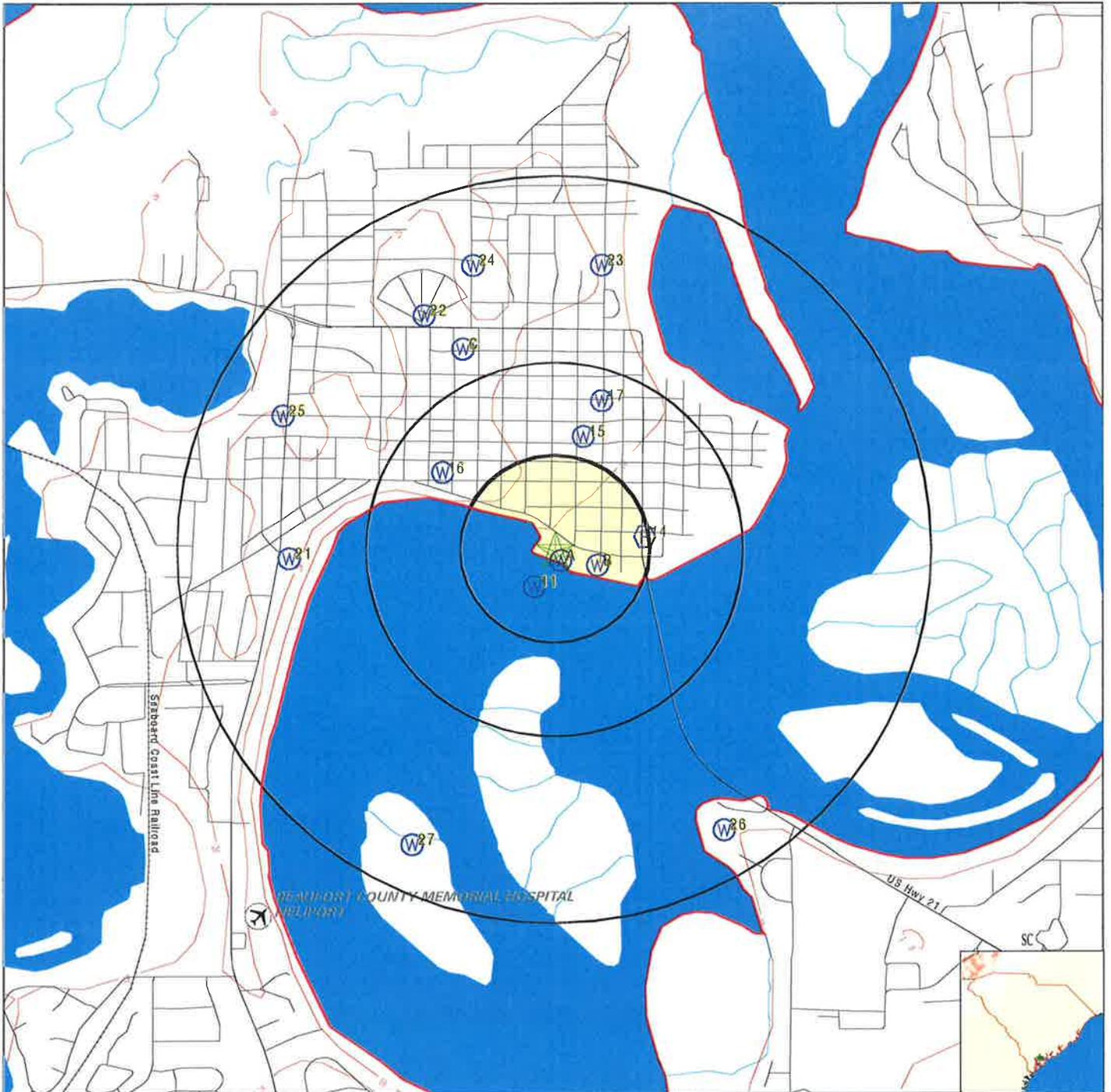
MAP ID	WELL ID	LOCATION FROM TP
14	SC2750028	1/8 - 1/4 Mile East

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

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	SCWC30000001429	0 - 1/8 Mile SSE
A2	SCWC30000001428	0 - 1/8 Mile SE
A3	SCWC30000001421	0 - 1/8 Mile SSE
A4	SCWC30000001431	0 - 1/8 Mile WSW
A5	SCWC30000001438	0 - 1/8 Mile ENE
A6	SCWC30000001434	0 - 1/8 Mile West
A7	SCWC30000001420	0 - 1/8 Mile SE
A8	SCWC30000001418	0 - 1/8 Mile SSE
B9	SCWC30000001435	0 - 1/8 Mile East
A10	SCWC30000001419	0 - 1/8 Mile SE
11	SCWC30000001411	0 - 1/8 Mile SSW
B12	SCWC30000001416	1/8 - 1/4 Mile SE
B13	SCWC30000001422	1/8 - 1/4 Mile ESE
15	SCWC30000001474	1/4 - 1/2 Mile NNE
16	SCWC30000001461	1/4 - 1/2 Mile NW
17	SCWC30000001482	1/4 - 1/2 Mile NNE
C18	SCWC30000001497	1/2 - 1 Mile NNW
C19	SCWC30000001493	1/2 - 1 Mile NNW
C20	SCWC30000001494	1/2 - 1 Mile NNW
21	SCWC30000001423	1/2 - 1 Mile West
22	SCWC30000001510	1/2 - 1 Mile NNW
23	SCWC30000001536	1/2 - 1 Mile North
24	SCWC30000001534	1/2 - 1 Mile NNW
25	SCWC30000001477	1/2 - 1 Mile WNW
26	SCWC30000001374	1/2 - 1 Mile SSE
27	SCWC30000001366	1/2 - 1 Mile SSW

# PHYSICAL SETTING SOURCE MAP - 3518290.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: Beaufort Marina  
 ADDRESS: 1010 Bay Street  
 Beaufort SC 29902  
 LAT/LONG: 32.4311 / 80.6739

CLIENT: Whitaker Laboratory  
 CONTACT: Donald  
 INQUIRY #: 3518290.2s  
 DATE: February 14, 2013 11:49 am

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>A1</b>			
<b>SSE</b>		<b>SC WELLS</b>	<b>SCWC30000001429</b>
<b>0 - 1/8 Mile</b>			
<b>Lower</b>			
Conum:	BFT-1133	Scgrid:	27HH-u2
Latn:	322550		
Longn:	804026		
Utm e:	530659		
Utm n:	3588019		
Topo:	Beaufort		
Elev:	0		
Owner:	City of Beaufort	Owner well:	BS-9
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	44		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1975	Drill mo:	5
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001429		

<b>A2</b>			
<b>SE</b>		<b>SC WELLS</b>	<b>SCWC30000001428</b>
<b>0 - 1/8 Mile</b>			
<b>Higher</b>			
Conum:	BFT-1134	Scgrid:	27HH-u3
Latn:	322550		
Longn:	804025		
Utm e:	530685		
Utm n:	3588019		
Topo:	Beaufort		
Elev:	0		
Owner:	City of Beaufort	Owner well:	BS-10
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	42		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1975	Drill mo:	5
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001428		

**A3  
SSE  
0 - 1/8 Mile  
Lower**

**SC WELLS      SCWC30000001421**

Conum:	BFT-1129	Scgrid:	27HH-u11
Latn:	322549		
Longn:	804026		
Utm e:	530659		
Utm n:	3587988		
Topo:	Beaufort		
Elev:	3		
Owner:	City of Beaufort	Owner well:	B-7
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	40		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001421		

**A4  
WSW  
0 - 1/8 Mile  
Lower**

**SC WELLS      SCWC30000001431**

Conum:	BFT-1130	Scgrid:	27HH-u12
Latn:	322550		
Longn:	804029		
Utm e:	530581		
Utm n:	3588019		
Topo:	Beaufort		
Elev:	4		
Owner:	City of Beaufort	Owner well:	B-8
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	53		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001431		

**A5  
ENE  
0 - 1/8 Mile  
Higher**

**SC WELLS      SCWC30000001438**

Conum:	BFT-559	Scgrid:	27HH-u1
Latn:	322552		
Longn:	804024		
Utm e:	530711		
Utm n:	3588081		
Topo:	Beaufort		
Elev:	10		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Observation
Depth d:	0		
Depth c:	62		
Diam 1:	3		
Diam 2:	Not Reported	Oh cas:	43
Screen t:	0		
Screen b:	0		
Drill yr:	1975	Drill mo:	8
Yield:	0		
Yield yr:	Not Reported	G logs:	G, C
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	6
WI yr:	1982	Driller:	Law Engineering
Site id:	SCWC30000001438		

**A6  
West  
0 - 1/8 Mile  
Lower**

**SC WELLS      SCWC30000001434**

Conum:	BFT-1131	Scgrid:	27HH-u13
Latn:	322551		
Longn:	804030		
Utm e:	530554		
Utm n:	3588049		
Topo:	Beaufort		
Elev:	8		
Owner:	City of Beaufort	Owner well:	BS-1
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	30		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001434		

**A7  
SE  
0 - 1/8 Mile  
Lower**

**SC WELLS      SCWC30000001420**

Conum:	BFT-1136	Scgrid:	27HH-u5
Latn:	322549		
Longn:	804024		
Utm e:	530711		
Utm n:	3587988		
Topo:	Beaufort		
Elev:	0		
Owner:	City of Beaufort	Owner well:	BS-12
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	46		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1975	Drill mo:	5
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001420		

**A8  
SSE  
0 - 1/8 Mile  
Lower**

**SC WELLS      SCWC30000001418**

Conum:	BFT-1135	Scgrid:	27HH-u4
Latn:	322548		
Longn:	804025		
Utm e:	530685		
Utm n:	3587957		
Topo:	Beaufort		
Elev:	0		
Owner:	City of Beaufort	Owner well:	BS-11
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	59		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1975	Drill mo:	5
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001418		

**B9**  
**East**  
**0 - 1/8 Mile**  
**Higher**

**SC WELLS    SCWC30000001435**

Conum:	BFT-1287	Scgrid:	27HH-u15
Latn:	322551		
Longn:	804021		
Utm e:	530789		
Utm n:	3588050		
Topo:	Beaufort		
Elev:	5		
Owner:	First Federal Savings of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Industrial
Depth d:	0		
Depth c:	60		
Diam 1:	6		
Diam 2:	Not Reported	Oh cas:	42
Screen t:	0		
Screen b:	0		
Drill yr:	1981	Drill mo:	10
Yield:	130		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	1		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Remarks:	Samples at SCGS.		
Site id:	SCWC30000001435		

**A10**  
**SE**  
**0 - 1/8 Mile**  
**Lower**

**SC WELLS    SCWC30000001419**

Conum:	BFT-1127	Scgrid:	27HH-u9
Latn:	322548		
Longn:	804022		
Utm e:	530764		
Utm n:	3587958		
Topo:	Beaufort		
Elev:	3		
Owner:	City of Beaufort	Owner well:	B-5
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	59		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001419		

**11**  
**SSW**  
**0 - 1/8 Mile**  
**Lower**

**SC WELLS      SCWC30000001411**

Conum:	BFT-1128	Scgrid:	27HH-u10
Latn:	322546		
Longn:	804030		
Utm e:	530555		
Utm n:	3587895		
Topo:	Beaufort		
Elev:	4		
Owner:	City of Beaufort	Owner well:	B-6
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	59		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001411		

**B12**  
**SE**  
**1/8 - 1/4 Mile**  
**Lower**

**SC WELLS      SCWC30000001416**

Conum:	BFT-1126	Scgrid:	27HH-u8
Latn:	322547		
Longn:	804020		
Utm e:	530816		
Utm n:	3587927		
Topo:	Beaufort		
Elev:	5		
Owner:	City of Beaufort	Owner well:	B-4
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	89		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001416		

**B13  
ESE  
1/8 - 1/4 Mile  
Higher**

**SC WELLS      SCWC30000001422**

Conum:	BFT-1132	Scgrid:	27HH-u14
Latn:	322549		
Longn:	804018		
Utm e:	530868		
Utm n:	3587989		
Topo:	Beaufort		
Elev:	8		
Owner:	City of Beaufort	Owner well:	BS-2
Location:	Beaufort Marina Facility	Use:	Test hole
Depth d:	0		
Depth c:	25		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1973	Drill mo:	9
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Law Engineering
Remarks:	No record.		
Site id:	SCWC30000001422		

**14  
East  
1/8 - 1/4 Mile  
Higher**

**FRDS PWS      SC2750028**

Pwsid:	SC2750028	Epa region:	04
State:	SC	County:	Jasper
Pws name:	POINT SOUTH		
Population Served:	3000	Pwsvconn:	24
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Active	Owner type:	Private
Facility id:	10411		
Facility name:	DISTRIBUTION		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	BEAUFORT/JASPER W & S		
Original name:	BEAUFORT/JASPER W & S		
Contact phone:	Not Reported	Contact address1:	6 SNAKE RD.
Contact address2:	Not Reported		
Contact city:	BLUFFTON		
Contact zip:	29909		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	3744		
Facility name:	EQUIPMENT COMPOUND		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3745		
Facility name:	CLOSEST/KOA CAMPGRND		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3746		
Facility name:	EQUIP COMPOUND CAMPG		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	9472		
Facility name:	POINT SOUTH WELL 1 (A)		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	9473		
Facility name:	POINT SOUTH WELL TWO		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	10411		
Facility name:	DISTRIBUTION		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3744		
Facility name:	EQUIPMENT COMPOUND		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3745		
Facility name:	CLOSEST/KOA CAMPGRND		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3746		
Facility name:	EQUIP COMPOUND CAMPG		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	9472		
Facility name:	POINT SOUTH WELL 1 (A)		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	9473		
Facility name:	POINT SOUTH WELL TWO		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS ID: SC2750028  
 Date Initiated: 8511 Date Deactivated: Not Reported  
 PWS Name: POINT SOUTH  
 CLAUDE DINKINS  
 BOX 2028  
 BEAUFORT, SC 29901

Addressee / Facility: Distribution Facility  
 CLAUDE DINKINS  
 OWNER  
 BOX 2028  
 BEAUFORT, SC 29901

Facility Latitude: 32 25 53 Facility Longitude: 080 40 12  
 City Served: Not Reported  
 Treatment Class: Untreated Population: 00001000

PWS currently has or had major violation(s) or enforcement: YES

### VIOLATIONS INFORMATION:

Violation ID:	9425716	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	07/01/93	Vio. end Date:	12/31/93	Vio. Period:	006 Months
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Initial Tap Sampling for Pb and Cu				
Contaminant:	LEAD & COPPER RULE				
Vio. Awareness Date:	Not Reported				

### ENFORCEMENT INFORMATION:

System Name:	POINT SOUTH		
Violation Type:	Monitoring, Repeat Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-02-01 - 1995-02-28		
Violation ID:	9529710		
Enforcement Date:	1995-03-20	Enf. Action:	State Violation/Reminder Notice
System Name:	POINT SOUTH		
Violation Type:	Monitoring, Repeat Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-02-01 - 1995-02-28		
Violation ID:	9529710		
Enforcement Date:	1995-04-03	Enf. Action:	State Public Notif Received
System Name:	POINT SOUTH		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9530198		
Enforcement Date:	1995-06-21	Enf. Action:	State Violation/Reminder Notice
System Name:	POINT SOUTH		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9530198		
Enforcement Date:	1995-07-18	Enf. Action:	State Public Notif Received

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	POINT SOUTH		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1995-01-01 - 1995-06-30		
Violation ID:	9531194		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	POINT SOUTH		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1995-01-01 - 2015-12-31		
Violation ID:	9531194		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	POINT SOUTH		
Violation Type:	Monitoring, Repeat Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-01-01 - 1995-01-31		
Violation ID:	9531200		
Enforcement Date:	1995-07-18	Enf. Action:	State Public Notif Received
System Name:	POINT SOUTH		
Violation Type:	Monitoring, Repeat Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-01-01 - 1995-01-31		
Violation ID:	9531200		
Enforcement Date:	1995-03-08	Enf. Action:	State Violation/Reminder Notice

**15  
NNE  
1/4 - 1/2 Mile  
Higher**

**SC WELLS      SCWC30000001474**

Conum:	BFT-29	Scgrid:	27HH-t5
Latn:	322607		
Longn:	804022		
Utm e:	530762		
Utm n:	3588543		
Topo:	Beaufort		
Elev:	20		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	87		
Diam 1:	8		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	240		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	P	WI:	6
WI yr:	1944	Driller:	Pinckney
Site id:	SCWC30000001474		

**16**  
**NW**  
**1/4 - 1/2 Mile**  
**Higher**

**SC WELLS      SCWC30000001461**

Conum:	BFT-28	Scgrid:	27HH-t6
Latn:	322602		
Longn:	804045		
Utm e:	530162		
Utm n:	3588387		
Topo:	Beaufort		
Elev:	25		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	100		
Diam 1:	10		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	200		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	13
WI yr:	1944	Driller:	Pinckney
Site id:	SCWC30000001461		

**17**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**SC WELLS      SCWC30000001482**

Conum:	BFT-1515	Scgrid:	27HH-t11
Latn:	322612		
Longn:	804019		
Utm e:	530840		
Utm n:	3588697		
Topo:	Beaufort		
Elev:	17		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Washington and West Streets	Use:	Observation
Depth d:	0		
Depth c:	50		
Diam 1:	8		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Site id:	SCWC30000001482		

**C18  
NNW  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001497**

Conum:	BFT-802	Scgrid:	27HH-t2
Latn:	322620		
Longn:	804039		
Utm e:	530317		
Utm n:	3588941		
Topo:	Beaufort		
Elev:	15		
Owner:	National Cemetery	Owner well:	Not Reported
Location:	Not Reported	Use:	Not Reported
Depth d:	0		
Depth c:	64		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G, C
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	9
WI yr:	1976	Driller:	Not Reported
Site id:	SCWC30000001497		

**C19  
NNW  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001493**

Conum:	BFT-1293	Scgrid:	27HH-t10
Latn:	322619		
Longn:	804043		
Utm e:	530212		
Utm n:	3588910		
Topo:	Beaufort		
Elev:	5		
Owner:	Camille Ransom	Owner well:	Not Reported
Location:	Not Reported	Use:	Domestic
Depth d:	0		
Depth c:	0		
Diam 1:	4		
Diam 2:	Not Reported	Oh cas:	48
Screen t:	0		
Screen b:	0		
Drill yr:	1982	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G
D logs:	1		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	Wl:	Not Reported
Wl yr:	Not Reported	Driller:	Horry
Site id:	SCWC30000001493		

**C20  
NNW  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001494**

Conum:	BFT-1296	Scgrid:	27HH-t9
Latn:	322619		
Longn:	804043		
Utm e:	530212		
Utm n:	3588910		
Topo:	Beaufort		
Elev:	20		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	70		
Diam 1:	8		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1953	Drill mo:	Not Reported
Yield:	250		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	Wl:	Not Reported
Wl yr:	Not Reported	Driller:	Pinckney
Site id:	SCWC30000001494		

**21  
West  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001423**

Conum:	BFT-1271	Scgrid:	27HH-v2
Latn:	322550		
Longn:	804110		
Utm e:	529510		
Utm n:	3588015		
Topo:	Beaufort		
Elev:	25		
Owner:	Joab Dowling	Owner well:	Not Reported
Location:	Not Reported	Use:	Domestic
Depth d:	0		
Depth c:	74		
Diam 1:	2		
Diam 2:	Not Reported	Oh cas:	63
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Pinckney
Site id:	SCWC30000001423		

**22**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**SC WELLS      SCWC30000001510**

Conum:	BFT-577	Scgrid:	27HH-t4
Latn:	322624		
Longn:	804048		
Utm e:	530081		
Utm n:	3589064		
Topo:	Beaufort		
Elev:	20		
Owner:	U. S. National Cemetery	Owner well:	Not Reported
Location:	Not Reported	Use:	Irrigation
Depth d:	0		
Depth c:	0		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Site id:	SCWC30000001510		

**23**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**SC WELLS      SCWC30000001536**

Conum:	BFT-198	Scgrid:	27HH-t7
Latn:	322631		
Longn:	804019		
Utm e:	530838		
Utm n:	3589282		
Topo:	Beaufort		
Elev:	22		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	65		
Diam 1:	6		
Diam 2:	Not Reported	Oh cas:	50
Screen t:	0		
Screen b:	0		
Drill yr:	1948	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G, C, T, FR
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	17
WI yr:	1956	Driller:	Pinckney
Site id:	SCWC30000001536		

**24  
NNW  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001534**

Conum:	BFT-801	Scgrid:	27HH-t1
Latn:	322631		
Longn:	804040		
Utm e:	530289		
Utm n:	3589280		
Topo:	Beaufort		
Elev:	12		
Owner:	National Cemetery	Owner well:	Not Reported
Location:	Not Reported	Use:	Not Reported
Depth d:	0		
Depth c:	88		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G, C
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	9
WI yr:	1982	Driller:	Not Reported
Remarks:	Samples at SCGS.		
Site id:	SCWC30000001534		

**25  
WNW  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001477**

Conum:	BFT-30	Scgrid:	27HH-s1
Latn:	322610		
Longn:	804111		
Utm e:	529482		
Utm n:	3588631		
Topo:	Beaufort		
Elev:	25		
Owner:	City of Beaufort	Owner well:	Not Reported
Location:	Not Reported	Use:	Fire station
Depth d:	0		
Depth c:	80		
Diam 1:	6		
Diam 2:	Not Reported	Oh cas:	50
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	750		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	16
WI yr:	1956	Driller:	Pinckney
Site id:	SCWC30000001477		

**26  
SSE  
1/2 - 1 Mile  
Higher**

**SC WELLS      SCWC30000001374**

Conum:	BFT-1981	Scgrid:	26HH-y17
Latn:	322512		
Longn:	803959		
Utm e:	531368		
Utm n:	3586851		
Topo:	Beaufort		
Elev:	10		
Owner:	Edward Laurich	Owner well:	Not Reported
Location:	Whitehall Plantation	Use:	Irrigation
Depth d:	0		
Depth c:	35		
Diam 1:	2		
Diam 2:	Not Reported	Oh cas:	35
Screen t:	0		
Screen b:	0		
Drill yr:	1989	Drill mo:	12
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Remarks:	Well point.		
Site id:	SCWC30000001374		

**27  
SSW  
1/2 - 1 Mile  
Lower**

**SC WELLS      SCWC30000001366**

Conum:	BFT-1803	Scgrid:	27HH-u16
Latn:	322510		
Longn:	804050		
Utm e:	530036		
Utm n:	3586785		
Topo:	Beaufort		
Elev:	0		
Owner:	Paterno	Owner well:	Not Reported
Location:	Not Reported	Use:	Not Reported
Depth d:	0		
Depth c:	0		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	G, C, T, FR
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:  
Wl yr:  
Site id:

Not Reported  
Not Reported  
SCWC30000001366

Wl:  
Driller:

Not Reported  
Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: SC Radon

### Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29902	3.2	19	0.3	10.7	36.8

Federal EPA Radon Zone for BEAUFORT County: 3

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

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Federal Area Radon Information for Zip Code: 29902

Number of sites tested: 11

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.745 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

## HYDROLOGIC INFORMATION

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

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

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Natural Resources

Telephone: 803-734-6440

Water wells in the Coastal Plain counties of South Carolina

#### Water Well Database

Source: Department of Natural Resources

Telephone: 864-654-1671

A listing of water wells in the Piedmont (upstate) counties.

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: SC Radon

Source: Department of Health & Environmental Control

Telephone: 864-241-1090

Radon Test Results by Zip Code

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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**APPENDIX D – CURSORY HISTORICAL REVIEW**

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**Limited Title Documentation**



**BEAUFORT COUNTY GIS WEB SITE/DATA USE POLICY**

The information contained on this web site is made available to the public as a service of the Beaufort County GIS Department. This data is intended for general reference purposes only. Although the Beaufort County GIS Department strives to maintain/obtain the most accurate data possible, some errors and inconsistencies may still exist within the maps and data contained on this site.

Therefore, Beaufort County makes this service, as well as all the data and information pertaining to this service, available to the public AS IS WITHOUT WARRANTY OF ANY KIND. It is the responsibility of the users of this data to contact the necessary public entity for verification of the information obtained from this site.

Legend	
County Culture	State Hwy
Address Points	US Hwy
Streets	Interstate
Contours	Water
Parcels	
Traffic Cameras	
Sales Layer	





# Beaufort County, South Carolina

generated on 2/12/2013 3:35:52 PM EST

Property ID (PIN)	Alternate ID (AIN)	Parcel Address	Data refreshed as of	assessyear	payyear
R120 004 000 0904 0000	00221307	,	2/9/2013	2012	2012

### Current Parcel Information

Owner	Property Class Code	TranCommUtilVac	AutoParking
CITY OF BEAUFORT			
Owner Address	Acreage		
1911 BOUNDARY ST BEAUFORT SC 29902	.0000		

### Legal Description

### Historic Information

Tax Year	Land	Building	Market	Taxes	Payment
2012	\$261,900		\$261,900	\$22.37	\$22.37
2011	\$261,900		\$261,900	\$13.85	\$13.85
2010	\$261,900		\$261,900	\$13.85	\$13.85
2009	\$261,900		\$261,900	\$9.47	\$9.47
2008	\$91,500		\$91,500	\$9.47	\$9.47
2007	\$91,500		\$91,500	\$0.82	\$0.82
2006	\$91,500		\$91,500	\$0.82	\$0.82
2005	\$91,500		\$91,500	\$0.82	\$0.82

### Sales Disclosure

Grantor	Book & Page	Date	Deed	Vacant	Sale Price
FIVE THIRTY CLUB OF	413 1427	2/1/1985	Fu		\$110,000
PORT ROYAL OIL CO INC	384 1691	12/1/1983	Fu		\$65,000
AMERICAN PETROFINA	384 1686	11/1/1983	Fu		\$65,000
AMERICAN PETROFINA	384 1677	9/1/1983	QC		\$0
AMERICAN PETROFINA	297 1553	2/1/1980	Fu		\$0
		12/31/1776	Or		\$0

### Improvements

Building	Type	Use Code Description	Constructed Year	Stories	Rooms	Square Footage	Improvement Size
----------	------	----------------------	------------------	---------	-------	----------------	------------------

### Features & Exterior Features

Building	Type	Feature Code	Description	No. / Sq.Ft.	Value
----------	------	--------------	-------------	--------------	-------

The State of South Carolina,

COUNTY OF BEAUFORT

KNOW ALL MEN BY THESE PRESENTS, That

FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA,

in the State aforesaid, -----for and-----in consideration of the sum of  
ONE HUNDRED TEN THOUSAND AND NO/100 (\$110,000.00)----- Dollars

to it in hand paid at and before the sealing of these presents, by THE CITY OF BEAUFORT, A SOUTH  
CAROLINA MUNICIPAL CORPORATION, P. O. Box 1167, Beaufort, SC 29902  
in the State aforesaid, ----- (the receipt whereof is hereby acknowledged)

have granted, bargained, sold and released, and by these Presents do grant, bargain, sell and release, un-  
to the said THE CITY OF BEAUFORT, A SOUTH CAROLINA MUNICIPAL CORPORATION, ITS SUCCESSORS  
AND ASSIGNS FOREVER, the following described real property, to-wit:

ALL that certain piece, parcel or lot of land, with improvements thereon, situate, lying and being in the City of Beaufort, County of Beaufort, State of South Carolina, and more particularly bounded and described as follows, to-wit: Beginning at a stone at the Southeastern corner of the intersection of what was New-castle Street and Bay Street; thence N 52° 14' W for 14 feet; thence S 37° 46' W for 80 feet; thence S 52° 14' E for 115 feet, thence N 37° 46' E for 80 feet; thence N 52° 14' W for 101 feet to the point of beginning. This land is a rectangle bounded on its Northeasterly side by Bay Street and the other three (3) sides by property of the City of Beaufort.

This being the same property conveyed to the Grantor herein by deed of Port Royal Oil Company, Inc. dated December 29, 1983, and recorded December 29, 1983 in Deed Book 384 at page 1691, Office of the Clerk of Court for Beaufort County, South Carolina.

This deed prepared by the Law Firm of Dowling, Sanders, Dukes, Svalina, Ruth & Williams, P.A. Post Office Drawer 1027, Beaufort, South Carolina 29901-1027, by Raymond H. Williams, Esquire.

REC'D  
BEAUFORT COUNTY  
1985 FEB 15 PM 12 08

Lot	Map	Submap	Parcel	Block
120	4		904	

TOGETHER with all and singular the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD, all and singular the said premises before mentioned unto the said THE CITY OF BEAUFORT, A SOUTH CAROLINA MUNICIPAL CORPORATION, ~~them~~ its Successors and Assigns forever

FEB 15 1985

And the said FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA does hereby bind itself

and its successors, to warrant and forever defend all and singular the said premises unto the said THE CITY OF BEAUFORT, A SOUTH CAROLINA MUNICIPAL CORPORATION, its Successors ~~them~~ and Assigns, against itself and its successors and all whomsoever lawfully claiming or to claim the same, or any part thereof.

IN WITNESS WHEREOF FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA has caused these presents to be executed in its name by its partners, Raymond H. Williams, Wm. Christopher Orr, James D. Neighbors, Jerry W. Lewis and Albert J. Mascaro

~~Witnessed by~~ 15th day of February in the year of our Lord one thousand nine hundred and eighty-five, and in the two hundred and ninth year of the Sovereignty and Independence of the United States of America.

Signed, Sealed and Delivered }  
in Presence of }

FIVE THIRTY CLUB OF BEAUFORT,  
SOUTH CAROLINA (Seal)

Peggy L. ...  
maria ...  
Witness  
Witness

Ray Williams  
James D. Neighbors  
Albert J. Mascaro

The State of South Carolina,

County of Beaufort

PERSONALLY appeared before me Peggy L. Colantonio

(Insert name of Witness)

who, on oath, says that he saw the within named FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA

a Partnership by Raymond H. Williams, Wm. Christopher Orr, James D. Neighbors,

President sign the within Deed, and Jerry W. Lewis and Albert J. Mascaro

attend the same, and the said Corporation, by such officers, seal

said Deed, and, as its act and deed, deliver the same, and that he with Marcia Franks

(Insert name of other Witness)

witnessed the execution thereof.

Peggy L. Colantonio  
(Witness)

SWORN to before me, this 15th day of February A. D. 19 85

Marcia Franks (Seal)  
Notary Public, S. C.

My Commission Expires: 3/22/94

DSDSRM, P. A. : RH1

**The State of South Carolina.**

FIVE THIRTY CLUB OF BEAUFORT

SOUTH CAROLINA

TO

THE CITY OF BEAUFORT, A SOUTH

CAROLINA MUNICIPAL CORPORATION

**TITLE TO REAL ESTATE**

Filed this \_\_\_\_\_ day of \_\_\_\_\_

A. D. 19

o'clock, M.

and recorded Vol. \_\_\_\_\_

Page \_\_\_\_\_

Fee, \$ \_\_\_\_\_

Register Messrs Conveyance,  
County, S. C.

Recorded this 21<sup>st</sup> day of

February 1935

in Book 5 page 152

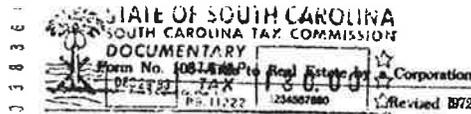
Fee, \$ \_\_\_\_\_

*Ray A. Hall*  
Auditor Beaufort County  
Archives

*Deuling*



88 6 WJ 02 FEB 20 1938.  
RECEIVED  
BEAUFORT COUNTY  
RMC



The State of South Carolina.

KNOW ALL MEN BY THESE PRESENTS, That

PORT ROYAL OIL COMPANY, INC., P.O. Box 38, Port Royal, South Carolina 29935

in the State aforesaid, ----- for and ----- in consideration of the sum of SIXTY FIVE THOUSAND AND NO/100 (\$65,000.00) ----- Dollars

to it in hand paid at and before the sealing of these presents, by THE FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA, P.O. Box 38, Port Royal, S.C. 29935 (the receipt whereof is hereby acknowledged)

have granted, bargained, sold and released, and by these Presents do grant, bargain, sell and release, unto the said FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA, the following described property, to-wit:

ALL that certain piece, parcel or lot of land, with improvements thereon, situate, lying and being in the City of Beaufort, County of Beaufort, State of South Carolina, and more particularly bounded and described as follows, to-wit: Beginning at a stake at the Southeastern corner of the intersection of what was Newcastle Street and Bay Street; thence N 52° 14' W for 14 feet; thence S 37° 46' W for 80 feet; thence S 52° 14' E for 115 feet; thence N 37° 46' E for 80 feet; thence N 52° 14' W for 101 feet to the point of beginning. This land is a rectangle bounded on its Northeastly side by Bay Street and the other three (3) sides by property of the City of Beaufort.

This being the property conveyed to Port Royal Oil Company, Inc. by American Petrofina Marketing Inc. by its deed dated November 17, 1983.

This deed prepared by James G. Thomas, Attorney at Law, P.O. Box 1102-Beaufort, South Carolina 29901

FILED IN DEED BOOK 384 PAGE 1691 FILED AT 145000 ON 12/29/83

BEAUFORT COUNTY TAX MAP REFERENCE

Table with 5 columns: Dist, Map, Submap, Parcel, Block. Row 1: 120, 4, , 904,

TOGETHER with all and singular the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD, all and singular the said premises before mentioned unto the said  
THE FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA, <sup>Its Successors</sup> ~~Heirs~~ and Assigns forever

FILED IN DEED BOOK 384 PAGE 1692  
FILED AT 145000 ON 12/29/83

And the said PORT ROYAL OIL COMPANY, INC. does hereby bind itself  
and its successors, to warrant and forever defend all and singular the said premises  
unto the said THE FIVE THIRTY CLUB OF BEAUFORT, SOUTH CAROLINA, Its Successors  
~~Heirs~~ and Assigns, against itself and its successors and all whomsoever lawfully  
claiming or to claim the same, or any part thereof.

IN WITNESS WHEREOF PORT ROYAL OIL COMPANY, INC. has caused  
these presents to be executed in its name by <sup>(Insert name of Corporation)</sup> A. J. MASCARO its  
President and by A. J. Mascaro <sup>(Insert name of President or Vice-President)</sup> its Secretary  
and its corporate seal to be hereto affixed this 29th day of December  
in the year of our Lord one thousand nine hundred and eighty three, and in the two  
hundred and eighth year of the Sovereignty and Independence of the United  
States of America.

Signed, Sealed and Delivered }  
in Presence of

FORT ROYAL OIL COMPANY, INC. (Seal)

Colleton A. Thomas  
Witness  
James S. Thomas  
Witness

By A. J. Mascaro  
A. J. Mascaro President  
A. J. Mascaro  
Sec. or Treas.

The State of South Carolina,  
County of BEAUFORT

PERSONALLY appeared before me CLIFTON S. THOMAS  
*(Insert name of Witness)*  
who, on oath, says that he saw the within named PORT ROYAL OIL COMPANY, INC.  
*(Insert name of Corporation)*  
by A. J. MASCARO *its*  
*(Insert name of President or Vice-President)*  
President sign the within Deed, and A. J. Mascaro *its*  
*(Insert Sec. or Trust.)*  
Secretary attest the same, and the said Corporation, by said officers, seal  
said Deed, and, as its act and deed, deliver the same, and that he with JAMES G. THOMAS  
*(Insert name of other Witness)*  
witnessed the execution thereof.

Clifton S. Thomas  
*(Witness)*

SWORN to before me, this 29th day of December A. D. 19 83

James G. Thomas (Seal)  
Notary Public, S. C.  
My Commission expires: 4-11-89

FILED IN DEED BOOK 384 PAGE 1693  
FILED AT 145000 ON 12/29/83

JGT

**The State of South Carolina.**

PORT ROYAL OIL COMPANY, INC.

TO

THE FIVE THIRTY CLUB OF BEAUFORT,

SOUTH CAROLINA

**TITLE TO REAL ESTATE**

Filed this \_\_\_\_\_ day of \_\_\_\_\_

A. D. 19

o'clock, M.

and recorded Vol. \_\_\_\_\_

Page \_\_\_\_\_

Fee, \$ \_\_\_\_\_

Register Meane Consequence.  
Beaufort County, S. C.

Recorded this \_\_\_\_\_ day of \_\_\_\_\_

in \_\_\_\_\_ January 1984

Book 0 page 1312

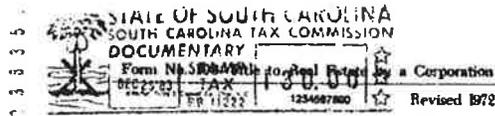
Fee, \$ \_\_\_\_\_

Mary Ann Shaw/SB  
Auditor Beaufort County.

OPTIONAL FORM NO. 7-D (REV. 10-1-80)

J6T

FILED IN DEPT BOOK 384 PAGE 1694  
 FILED BY 14566C ON 12/29/83 27462  
 BOOK NUMBER 384 PAGES 1691- 1694  
 FILING FEE 4.00  
 STATE STAMPS 130.00  
 COUNTY STAMPS 71.50  
 TOTAL FEES 205.50  
 HENRY JACKSON  
 CLERK OF COURT BFT CNTY, SC



**The State of South Carolina.**

**KNOW ALL MEN BY THESE PRESENTS, That**

**AMERICAN PETROFINA MARKETING INC.,** a Delaware corporation with offices at Fina Plaza, Dallas, Texas 75206

*in the State aforesaid,* \_\_\_\_\_ *for and* \_\_\_\_\_ *in consideration of the sum of*  
**SIXTY FIVE THOUSAND AND NO/100 (\$65,000.00)** \_\_\_\_\_ **Dollars**

*to it in hand paid at and before the sealing of these presents, by* **PORT ROYAL OIL COMPANY, INC.,**  
 P.O. Box 38, Port Royal, South Carolina 29935  
*in the State aforesaid,* (the receipt whereof is hereby acknowledged)

*have granted, bargained, sold and released, and by these Presents do grant, bargain, sell and release, un-*  
*to the said* **PORT ROYAL OIL COMPANY, INC.,** Its Successors and Assigns, the following  
 described property, to-wit:

ALL THAT Certain piece, parcel or lot of land, with improvements thereon, situate, lying and being in the City of Beaufort, County of Beaufort, State of South Carolina, and more particularly bounded and described as follows, to-wit: Beginning at a stone at the <sup>southeastern corner of the</sup> intersection of what was Newcastle Street and Bay Street; thence N 52° 14' W for 14 feet; thence S 37° 46' W for 80 feet; thence S 52° 14' E for 115 feet; thence N 37° 46' E for 80 feet; thence N 52° 14' W for 101 feet to the point of beginning. This lot of land is a rectangle bounded on its North-easterly side by Bay Street and the other three (3) sides by property of the City of Beaufort.

The property hereby conveyed is shown as Parcel A and Parcel B on that plat showing property of Sinclair Refining Company and the City of Beaufort by R. D. Trogdon, Sr., dated January 10, 1955 and hereto attached and made a part of this deed.

The property hereby conveyed being the property conveyed to American Petrofina Marketing Inc. by deed of American Petrofina Company of Texas dated February 19, 1980, recorded in Deed Book 297 at Page 1553 and that deed of Atlantic Richfield Company to American Petrofina Marketing Inc. by deed dated September 9, 1983 and recorded November , 1983.

This deed prepared by James G. Thomas, Attorney at Law, P.O. Box 1102, Beaufort, South Carolina 29902

FILED IN DEED BOOK 384 PAGE 1686  
 FILED AT 145000 ON 12/29/83

BEAUFORT COUNTY TAX MAP REFERENCE

Dist	Map	Submap	Parcel	Block
120	4		904	

TOGETHER with all and singular the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD, all and singular the said premises before mentioned unto the said  
PORT ROYAL OIL COMPANY, INC., Its Successors *Here and Assigns forever*

FILED IN DEED BOOK 384 PAGE 1687  
FILED AT 145000 ON 12/29/83

And the said AMERICAN PETROFINA MARKETING INC. does hereby bind itself  
and its successors, to warrant and forever defend all and singular the said premises  
unto the said PORT ROYAL OIL COMPANY, INC., Its Successors  
*Here and Assigns, against itself and its successors* and all whomsoever *lawfully*  
claiming or to claim the same, or any part thereof, by, through or under it, but not otherwise.

IN WITNESS WHEREOF AMERICAN PETROFINA MARKETING INC. *has caused*  
(Insert name of Corporation)  
these presents to be executed in its name by R. C. LOW *its*  
President and by ROBERT KILPATRICK (Insert name of President or Vice-President) *its* SECRETARY  
(Insert name of Sec. or Treas.)  
and its corporate seal to be hereto affixed this 17th day of November  
in the year of our Lord one thousand nine hundred and eighty three, and in the two  
hundred and eighth year of the Sovereignty and Independence of the United  
States of America.

Signed, Sealed and Delivered }  
in Presence of }

AMERICAN PETROFINA MARKETING INC. (Seal)

Tom Delaney  
First Witness  
Chada Maner  
Second Witness

By R. C. Low President  
Robert Kilpatrick Sec. or Treas.

CERTIFIED COPY OF RESOLUTIONS OF  
THE BOARD OF DIRECTORS OF  
AMERICAN PETROFINA MARKETING INC.

I, the undersigned, ROBERT KILPATRICK, Secretary of AMERICAN PETROFINA MARKETING INC., a Delaware corporation, do hereby certify:

That at the Organizational Meeting of the Board of Directors of such corporation duly and regularly called and held on the 17th day of December 1979, at the offices of the corporation in Dallas, Texas, a quorum being present and acting throughout, the following Resolution was unanimously adopted and is now in full force and effect, to-wit:

BE IT RESOLVED: That the President or any Vice President of this corporation be and he is authorized and empowered on behalf of this Corporation and in the name of this Corporation to execute any and all assignments, conveyances, contracts, deeds, leases, agreements, bonds (other than bonds which are evidence of indebtedness or mortgages or pledges of oil and gas properties or other real property of the Corporation, except in case of a purchase money mortgage or other purchase money lien) made in pursuance of the legitimate business of the Corporation; and the Secretary or any Assistant Secretary be and he is hereby authorized and empowered in all cases where such action shall be deemed advisable or appropriate also to execute any such instruments.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of this Corporation this 29<sup>th</sup> day of September, 1983.

  
ROBERT KILPATRICK

FILED IN DEED BOOK 384 PAGE 1588  
FILED AT 145000 ON 12/29/83

TEXAS

The State of ~~South Carolina~~

County of DALLAS

PERSONALLY appeared before me TOM DELANOY  
(Insert name of Witness)

who, on oath, says that he saw the within named AMERICAN PETROFINA MARKETING INC.  
(Insert name of Corporation)

by R. C. LOW  
(Insert name of President or Vice-President) its

President sign the within Deed, and ROBERT KILPATRICK  
(Insert Sec. or Treas.) its

Secretary attest the same, and the said Corporation, by said officers, seal

said Deed, and, as its ac: and deed, deliver the same, and that he with CHARLES MANER  
(Insert name of other Witness)

witnessed the execution thereof.

Tom Delaney  
(signature of first witness) (Witness)

SWORN to before me, this 17th day of November A. D. 19 83

Wyleen Woodard (Seal)  
Notary Public, S-G- Texas

My Commission expires: 10-19-85

FILED IN DEED BOOK 394 PAGE 1609  
FILED AT 145000 ON 12-29-83

**The State of South Carolina,**

AMERICAN PETROFINA MARKETING INC.

TO

PORT ROYAL OIL COMPANY, INC.

**TITLE TO REAL ESTATE**

Filed this

day of

A. D. 19

o'clock,

M.,

and recorded Vol.

Page

Fee, \$

Register Means Conveyance,  
Beaufort County, S. C.

Recorded this

16th

day of

in Book 0 page 1312

1983

Fee, \$

Mary Ann Bray / SA  
Auditor Beaufort County.

JGT  
FILED IN DEED BOOK 384 PAGE 1690  
FILED AT 145000 ON 12/29/83 27460  
BOOK NUMBER 384 PAGES 1686- 1690  
FILING FEE 5.00  
STATE STAMPS 130.00  
COUNTY STAMPS 71.50  
TOTAL FEES 206.50  
HENRY JACKSON  
CLERK OF COURT BFT CNTY, SC

## QUITCLAIM DEED

THIS DEED is made the 9th day of September, 1983. It is between ATLANTIC RICHFIELD COMPANY, a Pennsylvania corporation, successor to Sinclair Refining Company, with an office at 515 South Flower Street, Los Angeles, California 90071, hereinafter referred to as "GRANTOR" and AMERICAN PETROFINA MARKETING INC., a Texas corporation, hereinafter referred to as "GRANTEE".

In consideration of \$1.00, GRANTOR does hereby quitclaim unto GRANTEE, all of GRANTOR's right, title and interest in and to the land and benefits appurtenant thereto, in Beaufort, South Carolina and described as follows:

All that certain piece, parcel or lot of land, situate lying and being in the City of Beaufort, County of Beaufort, State of South Carolina, being the Western portion of Block 82 according to the survey and plat of said City of Beaufort made by the United States Direct Tax Commissioners for the District of South Carolina, said lot of land hereby conveyed beginning at a point on the Seawall on the Southern side of Bay Street, where the Eastern line of Tenth or New Castle Street intersects said Seawall, which point is indicated by a brass plug imbedded in said Seawall, and running thence along the Eastern line of the extension of said New Castle Street, South 0 degrees 43 minutes West, 343 feet to the low-water mark of Beaufort River; thence South, 81 degrees East, 82 feet, along the low-water mark of said Beaufort River; thence North 0 degrees 43 minutes East, 297 feet, to the said Seawall, and running thence North, 54 degrees 2.5 minutes East, 101 feet to the point of beginning, said lot being bounded on the North by said Seawall on the South side of Bay Street; on the East by the remainder of said Block 82; on the South by low-water mark of Beaufort River, and on the West by said extension of New Castle Street; and also, all of the right, title and interest of, in and to the land lying between the above described lot of land and the Southern line of said Bay Street in said City of Beaufort, South Carolina.

LESS AND EXCEPT that portion sold to the City of Beaufort by deed dated April 15, 1955, and described as follows:

BEAUFORT COUNTY TAX MAP REFERENCES					FILED IN DEED BOOK 384 PAGE 1677
Dist	Map	Submap	Parcel	Block	
120	4		84		FILED AT 145000 ON 12/29/83

BEGINNING at a point on the South side of Bay Street, the same being better defined as being located 101.0 feet easterly from the Southeast corner of the intersection of Bay and New Castle Streets and running thence with the property line of D. L. Koth, now owned by the City of Beaufort, South 00 degrees 46 minutes West 275 feet, more or less, to the low-water mark of Beaufort River; thence along the low-water mark of said Beaufort River in a northwesterly direction 81.8 feet, more or less, to a point where the eastern line of New Castle Street projected intersects the low-water mark of Beaufort River; thence with the eastern line of New Castle Street, as projected, North 00 degrees 46 minutes East 219.83 feet to a point; thence South 52 degrees 14 minutes East 40.72 feet to a point; thence North 37 degrees 46 minutes East 80.00 feet to the point of beginning and containing 17,872 square feet, more or less, all of which is more particularly shown on a Plat made by R. D. Trogdon, Sr., dated January 10, 1955, and recorded in the Office of the Clerk of Court of Beaufort County, South Carolina, in Book 9 of Plats, at Page 47.

IN WITNESS WHEREOF, GRANTOR has caused its corporate seal to be hereunto affixed and has caused these presents to be signed and dated the day and year first written above.

Signed, Sealed and Delivered  
In the Presence of:

P. R. Grooms

X. A. Hudrick

ATLANTIC RICHFIELD COMPANY

By J. S. McDonald  
Assistant Vice President

By Marcel C. Culman  
Assistant Secretary

FILED IN DEED BOOK 384 PAGE 1678  
FILED AT 145600 ON 12/29/83

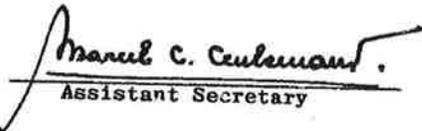
CERTIFICATE

I, Marcel C. Ceulemans, Assistant Secretary of ATLANTIC RICHFIELD COMPANY, a Pennsylvania corporation, do hereby certify that at a meeting of the Board of Directors of said Company held at Beverly Hills, California, on May 3, 1983, at which meeting a quorum was present and voting throughout, the following resolution was duly adopted:

RESOLVED, That to facilitate the activities of ARCO Petroleum Products Company, a Division of Atlantic Richfield Company, any Assistant Vice President be and hereby is authorized and empowered in the name and on behalf of the Company to make, execute, authenticate, acknowledge and deliver any contract, agreement, release, assignment, lease, conveyance, deed, transfer of real or personal property, or any other instrument, which he may deem necessary or proper in connection with the business of the Company, without further act or resolution of this Board, and the Secretary or any Assistant Secretary be and each of them hereby is severally authorized and empowered to affix the corporate seal to any such papers or documents and to attest the same in cases where such action is necessary or appropriate.

I further certify that the foregoing resolution is still in full force and effect and has not been amended nor rescinded.

WITNESS my hand and the seal of said Company this 9th day of September 1983.

  
Assistant Secretary

FILED IN DEED BOOK 384 PAGE 1679  
FILED AT 145000 ON 12/29/83

STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES

On September 9, 1983, before me, the undersigned a Notary Public in and for said State, personally appeared S. L. McDonald personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the Assistant Vice President, and Marcel C. Ceulemans personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the Assistant Secretary of the Corporation that executed the within instrument and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its board of directors.

WITNESS my hand and official seal.



Daniel J. Rolf  
Notary Public

RECORDED THIS 16th DAY  
OF January 1983  
IN BOOK 0 PAGE 1312

FILED IN  
Mary Ann Gray  
AUDITOR, BEAUFORT COUNTY, S.C.

JGT  
FILED IN DEED BOOK 384 PAGE 1680  
FILED AT 145000 ON 12-29/83 27458  
BOOK NUMBER 384 PAGES 1677- 1680  
FILING FEE 4.00  
STATE STAMPS .00  
COUNTY STAMPS .00  
TOTAL FEES 4.00  
HENRY JACKSON  
CLERK OF COURT BFT CNTY. SC



**BEAUFORT COUNTY GIS WEB SITE/DATA USE POLICY**

The information contained on this web site is made available to the public as a service of the Beaufort County GIS Department. This data is intended for general reference purposes only. Although the Beaufort County GIS Department strives to maintain/obtain the most accurate data possible, some errors and inconsistencies may still exist within the maps and data contained on this site.

Therefore, Beaufort County makes this service, as well as all the data and information pertaining to this service, available to the public AS IS WITHOUT WARRANTY OF ANY KIND. It is the responsibility of the users of this data to contact the necessary public entity for verification of the information obtained from this site.

**Legend**

County Outline	State Hwy
Address Points	US Hwy
Streets	Interstate
Contours	Water
Parcels	
Traffic Camera	
Solid Layer	





# Beaufort County, South Carolina

generated on 2/12/2013 3:20:45 PM EST

Property ID (PIN)	Alternate ID (AIN)	Parcel Address	Data refreshed as of	assessyear	payyear
R120 004 000 0973 0000	00085945	1020 BAY ST, City of Beaufort	2/9/2013	2012	2012

### Current Parcel Information

Owner	CITY OF BEAUFORT	Property Class Code	Governmental Imp
Owner Address	1911 BOUNDARY ST BEAUFORT SC 29902	Acreage	2.0700
Legal Description	DOWN TOWN PARKING AREA CHAMBER OF COMMERCE MGFM:KEY#221316 6-11-97		

### Historic Information

Tax Year	Land	Building	Market	Taxes	Payment
2012	\$2,263,511	\$159,385	\$2,422,896	\$1,671.49	\$1,671.49
2011	\$2,263,511	\$159,385	\$2,422,896	\$1,034.73	\$1,034.73
2010	\$2,263,511	\$159,385	\$2,422,896	\$1,034.73	\$1,034.73
2009	\$2,263,511	\$159,385	\$2,422,896	\$707.28	\$707.28
2008	\$1,500,000	\$113,700	\$1,613,700	\$707.28	\$707.28
2007	\$1,500,000	\$113,700	\$1,613,700	\$707.28	\$707.28
2006	\$1,500,000	\$113,700	\$1,613,700	\$707.28	\$707.28
2005	\$1,500,000	\$113,700	\$1,613,700	\$707.28	\$707.28

### Sales Disclosure

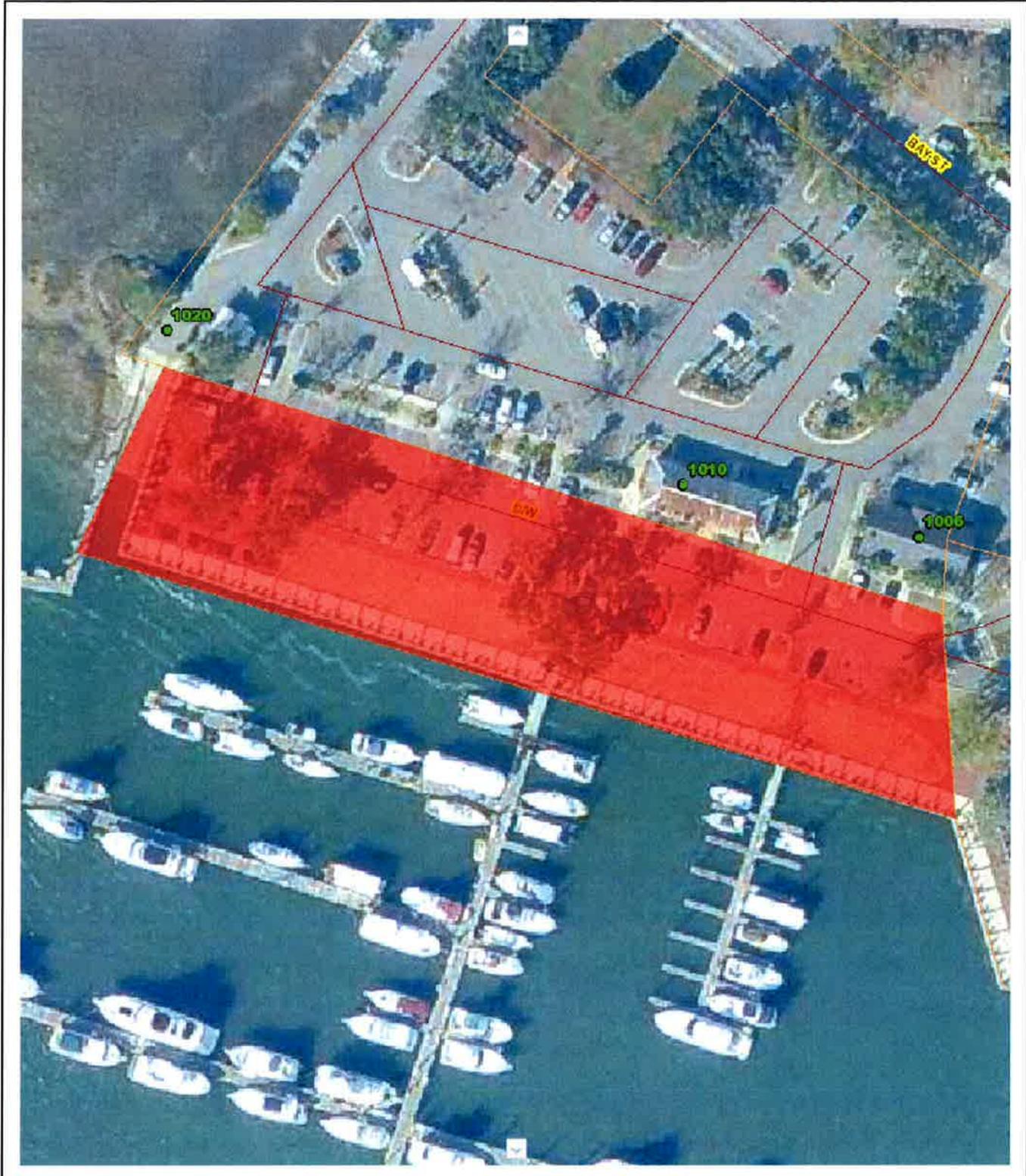
Grantor	Book & Page	Date	Deed	Vacant	Sale Price
UNKNOWN OWNER 00085945		12/31/1776	Or		\$0
		12/31/1776	Or		\$0

### Improvements

Building	Type	Use Code Description	Constructed Year	Stories	Rooms	Square Footage	Improvement Size
C01	GOVTBLDG	Government Bldg	0000	0	0	1,624	

### Features & Exterior Features

Building	Type	Feature Code	Description	No. / Sq.Ft.	Value
----------	------	--------------	-------------	--------------	-------



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**Legend**

County Outlines	State Hwy
Address Points	US Hwy
Streets	Waterfalls
Contours	Water
Parks	
Traffic Camera	
Solar Layer	





# Beaufort County, South Carolina

generated on 2/12/2013 3:32:45 PM EST

Property ID (PIN)	Alternate ID (AIN)	Parcel Address	Data refreshed as of	assessyear	payyear
R120 004 000 0972 0000	00085918		2/9/2013	2012	2012

### Current Parcel Information

Owner	CITY OF BEAUFORT	Property Class Code	Recr&CultImp Marina
Owner Address	1911 BOUNDARY ST BEAUFORT SC 29902	Acreage	1.2300
Legal Description	BOAT FACILITIES WATERFRONT		

### Historic Information

Tax Year	Land	Building	Market	Taxes	Payment
2012	\$1,684,391	\$79,699	\$1,764,090	\$822.33	\$822.33
2011	\$1,684,391	\$79,699	\$1,764,090	\$509.06	\$509.06
2010	\$1,684,391	\$79,699	\$1,764,090	\$509.06	\$509.06
2009	\$1,684,391	\$79,699	\$1,764,090	\$347.96	\$347.96
2008	\$900,000	\$64,800	\$964,800	\$347.96	\$347.96
2007	\$900,000	\$64,800	\$964,800	\$347.96	\$347.96
2006	\$900,000	\$64,800	\$964,800	\$347.96	\$347.96
2005	\$900,000	\$64,800	\$964,800	\$347.96	\$347.96

### Sales Disclosure

Grantor	Book & Page	Date	Deed	Vacant	Sale Price
CITY OF BEAUFORT	260 1926	1/1/1980	Fu		\$0
		12/31/1776	Or		\$0

### Improvements

Building	Type	Use Code Description	Constructed Year	Stories	Rooms	Square Footage	Improvement Size
C01	GENRET	General Retail	0000	0	0	1,932	
C01	MISC	Miscellaneous	0000	0	0		204

### Features & Exterior Features

Building	Type	Feature Code	Description	No. / Sq.Ft.	Value
----------	------	--------------	-------------	--------------	-------



**BEAUFORT COUNTY GIS WEB SITE/DATA USE POLICY**

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**Legend**

Circle Outline	State Hwy
Address Points	US Hwy
Streets	River/Lake
Contours	Water
Parcels	
Traffic Cameras	
Sold L&W	





Beaufort County, South Carolina

generated on 2/12/2013 3:29:01 PM EST

Property ID (PIN)	Alternate ID (AIN)	Parcel Address	Data refreshed as of	assessyear	payyear
R121 004 000 0971 0000	00221904	1004 BAY ST, City of Beaufort	2/9/2013	2012	2012

Current Parcel Information

Owner	CITY OF BEAUFORT	Property Class Code	Recr&CultImp Park&OpenSpace
Owner Address	1911 BOUNDARY ST BEAUFORT SC 29902	Acreage	4.2800
Legal Description	WATER FRONT PARK *SPLIT 6/01 0.02 AC 4/997 ESMT GRANTED IN DB2240 P930 PB109 P35 PB116 P89 1/07 AREA 1 0.09 AC & AREA 2 0.01 AC ADDED FROM 4/949 1/07 0.05 AC ADDED TO 4/949		

Historic Information

Tax Year	Land	Building	Market	Taxes	Payment
2012	\$5,563,700	\$29,100	\$5,592,800	\$1,988.72	\$1,988.72
2011	\$5,563,700	\$29,100	\$5,592,800	\$1,231.11	\$1,231.11
2010	\$5,563,700	\$29,100	\$5,592,800	\$1,231.11	\$1,231.11
2009	\$5,563,700	\$29,100	\$5,592,800	\$841.51	\$841.51
2008	\$428,000	\$266,100	\$694,100	\$841.51	\$841.51
2006				\$788.38	\$788.38
2005				\$788.38	\$788.38

Sales Disclosure

Grantor	Book & Page	Date	Deed	Vacant	Sale Price
CITY OF BEAUFORT	2452 525	1/29/2006	QC		\$10
CITY OF BEAUFORT	260 1926	1/1/1980	Fu		\$0
		12/31/1776	Or		\$0

Improvements

Building	Type	Use Code Description	Constructed Year	Stories	Rooms	Square Footage	Improvement Size
R01	BATHHSE	Bath House	2007	0	0		784
R01	UTILROOM	Residential Utility/Stg Room	2007	0	0		480
R01	GAZEBO	Residential Gazebo	2007	0	0		4,180

Features & Exterior Features

Building	Type	Feature Code	Description	No. / Sq.Ft.	Value
----------	------	--------------	-------------	--------------	-------

2/10 RB  
HAB 2712  
This document prepared without  
benefit of title examination by:

Derek C. Gilbert  
HARVEY & BATTEY, P.A.  
1001 Craven Street  
Beaufort, SC 29902

BEAUFORT COUNTY SC - ROD  
BK 02452 PGS 0525-0526  
FILE NUM 2008079376  
10/03/2008 09:54:36 AM  
REC'D BY B BING RCPT# 447298  
RECORDING FEES 10.00

STATE OF SOUTH CAROLINA )  
 )  
COUNTY OF BEAUFORT )

TITLE TO REAL ESTATE  
(Quitclaim Deed)

KNOW ALL MEN BY THESE PRESENTS, that TIDAL WAVE 23, LLC (hereinafter, the "GRANTOR"), in the State aforementioned, for and in consideration of the sum of TEN DOLLARS AND NO/100 (\$10.00) DOLLARS, to it in hand paid at and before the sealing of these presents by CITY OF BEAUFORT (hereinafter, the "GRANTEE"), P.O. Box 1167, Beaufort, SC 29901, for which the receipt whereof is hereby acknowledged, GRANTOR has granted, bargained, sold and released, and by these Presents does grant, bargain, sell and release unto the said GRANTEE, its heirs, successors and assigns forever, all of the GRANTOR'S right, title and interest in the following-described real property, to-wit:

ALL those certain pieces, parcels or tracts of land, situate, lying and being in the City of Beaufort, Beaufort County, South Carolina, being shown and designated as Area 1 (0.094 acres) and Area 2 (0.014 acres) on a plat entitled "CLOSING SURVEY FOR THE CITY OF BEAUFORT, HENRY C. CHAMBERS WATERFRONT PARK, CITY OF BEAUFORT, BEAUFORT COUNTY, SOUTH CAROLINA" prepared by Gary B. Burgess, R.L.S. #15229, which plat is dated May 12, 2005, last revised June 14, 2005, and recorded in Plat Book 116 at Page 89 in the ROD Office for Beaufort County, South Carolina. For a more complete description as to courses, metes and bounds, reference is made to the above-described plat.

This property is conveyed subject to all applicable restrictions, easements and rights-of-way of record at the office of the Register of Deeds for Beaufort County, South Carolina.

TMP: R121 004 000 0949 0000 (Portion)

ADD DMP Record 10/26/2006 10:59:07 AM  
BEAUFORT COUNTY TAX MAP REFERENCE

Dist	Map	SMap	Parcel	Block	Week
R120	004	000	0971	0000	00

RECORDED  
2006 Oct -30 04:22 PM  
*Sharon Q. Burns*  
BEAUFORT COUNTY AUDITOR



**APPENDIX E – LIMITED SUBSURFACE GEOTECHNICAL REPORT**



## ***WHITAKER LABORATORY, INC.***

**P.O. Box 7078 2500 Tremont Road Savannah, Georgia 31418**  
**(912) 234-0696 Fax (912) 233-5061 Email: [info@whitakerlab.net](mailto:info@whitakerlab.net)**

February 28, 2013

Julie Orr Franklin, AICP |Senior Associate  
Carolinas | Town Planning + Architecture  
Davidson, NC | p 704.896.1696  
Greenville, SC | p 864.616.5644  
Beaufort, SC | p 843.593.0204  
[julie.franklin@thelawrencegroup.com](mailto:julie.franklin@thelawrencegroup.com)

Referencing: Report of Preliminary Geotechnical Evaluation Services for  
Bay Street Marina  
Beaufort, South Carolina  
Report No.: 2-28-13-1

Dear Ms. Franklin:

As requested, WHITAKER LABORATORY, INC. has performed preliminary geotechnical services at the above referenced site in an effort to gather preliminary geotechnical information related to future construction on this lot. Authorization to perform this investigation was provided by your acceptance of our proposal dated November 2, 2012. At any time, we will be glad to discuss the contents of this report. This includes insuring that you fully consider potential problems for design and construction procedures in respect to interpretations of the data.

We understand that this site will likely be developed for multiple commercial usage including one to four-story structure(s) and paved parking/drive area(s). We have not been provided any specific data regarding foundation loads and/or site grading requirements for any planned structures. In addition, planned structure locations are unknown at this time. Therefore, the scope of this preliminary geotechnical evaluation included a visual reconnaissance and the drilling of five standard penetration test borings, which were randomly scattered throughout the property within accessible locations. Soil test borings were advanced to depths ranging from 37 to 50 feet below the ground surface.

Currently, the majority of the site consists of an existing marina, incorporating building structures and asphalt paved parking and drives areas. Intermittent grassed areas with trees reside on this site. We understand that the southern portion of this site was part of the Beaufort Waterfront Park construction project, which consisted of constructing a bulk head wall in the river and extending the property in this area out to the bulkhead wall utilizing fill soil.

### **Findings:**

Below approximately 1 ½ to 2 ½ inches of asphalt and 4 ½ to 6 inches of aggregate base, the near surface soils across this site predominately consist of very firm to very loose sands (SP and SP-SM) extending to depths reaching 8 ½ to 12+ feet below the ground surface. It appears that the fill utilized to construct the river front park consisted of a clean sandy type soil.

Below the surface sandy stratum, very soft clays and very loose clayey sands (CH and SM-SC) were intermittently encountered bracketing elevations 8 ½ to 27 feet below the ground surface.

Below 27 feet, firm to dense sands, hard clays and dense sand/shell mix were encountered extending to the termination depths of the soil test borings at 37 to 50 feet below the ground surface. Please note that auger refusal was met due to rock being encountered within borings B-3 and B-5 at 37 and 38 feet respectively below the ground surface.

Groundwater was measured at each boring location at the time of drilling. Groundwater was encountered to range from 3 ½ to 6 feet below the ground surface elevation at the time of drilling. Please note that ground water elevations should be expected to fluctuate with the season of the year, surrounding ground surface conditions, and with recent rainfall amounts. Thus, ground water elevations encountered on this site and on this date, should be considered valid only for the date of observation.

### **Construction Related Concerns:**

1. The inter-bedded stratifications of very loose sands and very soft clays encountered at depths bracketing elevations 3 to 27 feet below existing grades across this site are of concern. Lightly loaded structures (maximum 12 kip column loads and/or 3 kip/linear foot wall loads) that do not require the building pad to be elevated (site grades being raised 12 inches or less above existing grades to achieve finished floor slab elevations for slab-on-grade type construction) may be capable of being supported on conventional shallow spread footing foundation systems within areas of this site. Provisions should be made to utilize pile foundation systems for support of those planned structures that do not meet the criteria underlined above within the previous sentence.
2. Please note that boring B-4 would not accept backfill above a depth of 3 ½ feet below the ground surface when attempting to backfill our borehole. This is indicative of possible void space in the area at a depth approximating 3 ½ feet below the ground surface (possible utility line or stone bed). Although this possible void was present, Whitaker did not observe any ground surface depressions within the immediate area of the boring location, therefore this phenomenon does not appear to be concerning at the present time. Whitaker does recommend however, further geotechnical evaluation be performed within the area of boring B-4 prior to final site design in an effort to determine the cause of this occurrence and its impact on construction.

### **Earthwork Considerations:**

- We recommend that the building sites plus a minimum of 10 feet beyond the perimeter of all structural areas be stripped of any existing pavement sections, organics, stumps, roots and unsuitable surface soils. Stripping depths should be anticipated to extend 8 inches or more to effectively remove all unsuitable surface materials.
- After stripping, the exposed subgrade soils should be thoroughly compacted in-place to 95% of ASTM-D-1557 and pass proof-rolling inspections prior to filling operations begin. Areas found to pump or deflect should be undercut to a competent material and backfilled with an approved compacted material. The exposed subgrade soils should be inspected, tested and approved by Whitaker Laboratory personnel prior to fill placement begins.
- Any fill or backfill required to level or raise the site should be placed in 8 to 10 inch thick, loose lifts and compacted by appropriate compaction equipment to 95% density in accordance with ASTM D-1557.
- All of the fill and backfill (including utility line backfill) for this project should consist of clean, free draining granular soils. The fill should be free of objectionable roots, clay lumps, organics and other debris. The fill should be readily compactable during placement. Soils classified as SW, SP, SP-SM or SM with a maximum of 15% passing a #200 sieve may be acceptable. Soils with the minus #200 fraction classified as MH, CH, OH, ML, CL or SC may be rejected. Soils with a maximum plasticity index of 25 and a maximum liquid limit 40 may be acceptable for use only beneath building pads which are situated well above the groundwater table with approval from the geotechnical engineer. Soils classified as SC or CL, exhibiting moisture sensitivity, soils with excessive clay content, or excessive moisture should not be used without approval from the geotechnical engineer. Approved sands will also need to be moisture conditioned as necessary to facilitate proper compaction throughout its entire depth. If utility trenches cannot be sufficiently dewatered to readily allow compaction of the specified pipe bedding material, then a class I (ASTM-D-2321) gravel or gravel mixture will be required.

### **Preliminary Foundation Recommendations:**

Additional soil test borings shall be performed within each building pad footprint area, a full geotechnical evaluation performed and a final geotechnical report submitted prior to final design of the structures on this site. The final geotechnical report shall ultimately specify the recommended foundation system to support each individual structure on this site. The following recommendations shall be considered preliminary and utilized for budgeting purposes only.

*Shallow Spread Footing Foundations:*

Areas of the subject site could potentially be made suitable for construction of light weight commercial construction (maximum foundation loads of 12 kips per column and/or 3 kips per linear foot for walls and finished floor slab elevations residing a maximum of 12 inches above existing grades), utilizing shallow spread footing foundations with slab-on-grade flooring. If shallow foundation systems are deemed feasible, bearing pressures of 1500 should be anticipated. Any individual or strip footing should have a minimum plan dimension of 24 inches. Bearing elevations of foundations should be at least 12 inches below grade, a maximum of 18 inches below existing grades and above the groundwater table.

Bottom of footing excavations should be thoroughly compacted to meet or exceed 95% of the soils modified proctor maximum dry density in accordance with ASTM-D-1557. Footing inspections should also be conducted by performing dynamic cone penetrometer testing within bottom of footing excavations to verify adequate bearing material is present. Subsurface bearing soils deemed unsuitable based upon dynamic cone penetrometer testing or visual classification should be undercut to a competent material and backfilled with an approved material.

*Pile Foundation Systems:*

Structures having foundation loads that exceed 12 kips per column and/or 3 kips per linear foot for walls shall be budgeted to be supported on a pile foundation system. In addition, if site grades require being raised by more than 12 inches, slabs-on-grade shall be designed as structural slabs (pile supported). Please note that depending upon the magnitude of foundation loads and if site grades require being elevated more than 12 inches, surcharge loading the building pad prior to utilizing shallow spread footing foundations may be feasible to eliminate the necessity to utilize pile foundations for support of structures. We have discussed surcharge loading below for your information.

Please view the below chart for anticipated performance of various pile types:

<u>Pile Type</u>	<u>Length</u>	Capacity: <u>(axial)</u>	<u>(Uplift)</u>	<u>(Lateral)</u>
14" Auger-Cast	40 - 50 feet	40 - 60 tons	5 to 10 tons	3 tons
14" Pre-stressed Concrete	37 - 45 feet	40 - 60 tons	5 to 10 tons	3 tons
12" Timber	25 - 37 feet	25 tons	2 to 5 tons	1 ton

Notes:

14" Auger-Cast:

- Grout fill should have a minimum 28-day strength of 4000 psi.
- Auger cast piles should be installed with a minimum grout factor of 1.5, unless otherwise proven by load testing.
- Minimum reinforcing should consist of at least one full length # 8 bar, installed after the grout fill, and a reinforcing cage in the upper 20 feet of pile.

14" Pre-Stressed Concrete:

- Piles should be precast, a minimum of 14 inches square, and adequately reinforced to withstand all handling and driving stresses.
- Concrete should have a minimum 28-day compressive strength of 5000 psi.

Timber Piles:

- Timber piles should have a minimum tip dimension of 8 inches and a minimum butt dimension of 12 inches, measured 3 feet from the butt.
- Piles should be preservative treated to meet the applicable building codes.

General:

- Lateral capacities provided are for loads applied at the ground surface (assuming a "free head" condition) producing deflections approximating  $\frac{1}{2}$  of an inch also at the ground surface. Any fixity afforded at the pile top by embedment in a concrete pile cap will reduce both the deflection and the bending moment.
- For auger cast piles, at least 4 probe piles should be performed at various locations across the site to verify materials encountered are consistent with those found within the soil test boring and the equipment utilized is adequate to penetrate a minimum of 5 feet beyond planed termination depths. For all other piles, at least 4 indicator piles should be driven prior to ordering final pile lengths for the project. These indicator piles should be long enough to penetrate at least 5 feet longer than the lengths mentioned above. Indicator piles could be driven in permanent pile locations.
- For each pile type and/or capacity we recommend that a minimum of one full-scale load test be performed. The load test locations should bracket the site, and be selected after the initial probe or indicator piles are driven. Load tests should be in accordance with the "quick" procedures of ASTM D-1143.
- Piles should be installed utilizing properly sized power hammers. Compatibility of the pile hammer, cushioning material, and pile should be evaluated by wave equation analyses and submitted to the engineer for approval prior to initiating pile driving operations on site.
- Piling contractors should be responsible for ordering piles of proper length, as well as, (1) cutting off piles not driven to grade, and (2) extending piles driven below cut-off elevation.

- Unanticipated circumstances often arise during pile installation. We recommend that our engineers be retained to provide on-site installation surveillance, inspection, and testing, thereby being readily available to assist in the evaluation of any events or conditions encountered, that differ from those anticipated. Installation records, to include all probe or indicator pile data, load test results, and production pile installation or driving records, should be maintained by Whitaker Laboratory, Inc personnel.

#### *Surcharge Loading:*

If site grades require being raised by more than 12 inches above existing grades to achieve finished floor slab elevations and/or if foundation loads exceed 12 kips per column and/or 3 kips per linear foot, surcharge loading building pads may be required and/or could become an option to mitigate settlement potential. Surcharge loading may also allow shallow spread footing foundation elements to be utilized for support of structures instead of utilizing pile foundation systems. Due to the preliminary nature of this report, specific requirements cannot be provided for surcharge loading at this time, however we offer the following:

Surcharge loading building sites prior to foundation construction is typically performed in an effort to reduce potentially damaging settlement to the structure. Surcharge loading, also known as "pre-loading", in general, consists of adding sufficient weight "surcharge" to the building pad area utilizing stockpiled soil (placed above finished floor slab elevations) prior to construction. This surcharge loading will be in addition to the weight of any permanent structural fill placed on the site. The weight of the stockpiled soil will allow the very loose and very soft soils encountered below the ground surface to compress/consolidate. Once it is determined that the subsurface soils have consolidated fully under the weight of the stockpiled soil, the stockpiled soil can be removed and the building can be constructed within the pad area on shallow spread footing foundation elements.

The surcharge fill thickness is dependent upon foundation loads, foundation bearing elevations, bearing pressures, and depth to compressible soil stratifications. For estimation purposes, surcharge fill thicknesses typically range from 5 to 7 feet above finished floor slab elevations.

Settlement monitoring plates are installed within the mass of the permanent fill and extended above the surface of the surcharge fill. Settlement readings are made and recorded during the construction of the surcharge fill, and at one-week intervals after completion of fill. The surcharge fill remains in-place until settlement readings indicate the total consolidation of the site, and continuing rate of consolidation, has reached an acceptable level. The removal of the surcharge fill shall be when and as directed by the geotechnical engineer. Typically surcharge fill requires to remain in-place 60 to 90 days, but the decision to remove the fill will be based on the data collected from the settlement monitoring plates.

### **Pavement Considerations:**

Subgrade for driveways and parking areas should consist of a minimum of 24-inches of clean sand subgrade compacted to a density of 95% of its maximum dry density as determined by ASTM-D-1557. Pavement designs should also provide a minimum of 24-inches separation between the bottom of the base course material and the seasonal high ground water table. Undercutting, re-compacting, and/or replacing of existing surface soils will be required unless subgrade consists of organic free, virgin sandy soils that are proven to be a minimum of 24-inches thick, 24-inches above the seasonal high ground water table, compacted to 95% of ASTM D-1557 and passes a proof-roll. Final grades and elevations will determine the extent of any filling, undercutting and backfilling that may be required.

The pavement design must provide for the pavement subgrade soils to drain and not ever become saturated by surface water, perched groundwater or groundwater table.

Due to groundwater residing 3 ½ + feet below existing grades across this site, combined with near surface soil conditions consisting of sandy soils on this site, the in-situ sandy soils can be made suitable for use as pavement subgrade material as long as the in-place sandy soils are compacted for a full 24-inch depth below bottom of pavement section elevations. In addition, the use of under drains should not be necessary as long as pavement grades are not lowered below existing ground surface elevations.

All proof rolling, construction observations, compaction testing of paved areas must be in accordance with the SITE WORK section above.

If a rain event of 0.5 inches or more, occurs after initial proof rolling and prior to subsequent placement of base or surface wearing course, the proof roll testing must be repeated just prior to additional work.

The below recommended pavement sections should be considered standard and typical for the area. We have not been provided traffic data and/or been instructed to perform CBR testing on subgrade soils, therefore these pavement sections should not be considered a pavement design. The below recommended pavement sections are based upon the assumption that the sandy subgrade soils will yield a minimum CBR value of 10 if compacted to 95% ASTM D-1557 for a full 24-inch depth. In addition, the below recommended light duty pavement sections should be considered for car traffic areas only. Below recommended heavy duty sections should be utilized for all areas receiving truck traffic (delivery trucks and garbage trucks with 18-kip axle loads). In addition the heavy duty sections recommended below are for low volume truck traffic (15 to 20 trucks per day).

### **LIGHT DUTY PAVEMENT (CARS & LIGHT TRUCKS)**

SUBGRADE: Minimum – 24-inches of drained, compacted, coarse grained soil

BASE COURSE: Minimum - 6 inches of graded aggregate base course

SURFACE COURSE: Minimum - 2 inches of Hot Mix Asphalt Surface Course Type 1C

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HEAVY DUTY PAVEMENT (LOADED TRUCKS WITH 18+ kip AXLE LOADS)

SUBGRADE:	Minimum – 24-inches of drained, compacted, coarse grained soil
BASE COURSE:	Minimum - 8 inches of graded aggregate base course
BINDER COURSE:	Minimum - 2.0 inches of Hot Mix Asphalt Binder Course Type 1
SURFACE COURSE:	Minimum - 2.0 inches of Hot Mix Asphalt Surface Course Type 1C

In all projects, a minimum mat temperature of 185° F must be maintained through final roller pass.

*Please note that specifications for above mentioned base course, binder course and surface course can be found under division 300, 402 and 403 respectively of the South Carolina Department of Transportation Standard Specification for Highway Construction, Edition of 2000. The mix design must include "lime".*

PORTLAND CEMENT CONCRETE PAVEMENT

<u>SUBGRADE:</u>	Minimum – 24-inches of drained, compacted, coarse grained soil
<u>HEAVY DUTY:</u>	8 inches of Portland cement concrete with minimum compressive strength of 4000 psi.
<u>LIGHT DUTY &amp; RESIDENTIAL:</u>	5 inches of Portland cement concrete with minimum compressive strength of 4000 psi

Whitaker Laboratory recommends incorporating a minimum of 4-inches of graded aggregate base course below the above concrete pavement sections for maintaining a smooth and level surface during placement of the pavement section.

Joints must be placed a MAXIMUM spacing in FEET of 2.5 times the pavement thickness in inches, and in no case more distant apart than 15 feet.

Pavement Design should include:

- Requirements to seal all pavement joints to prevent surface water entry into base / subgrade. Such provision should minimize pumping failures at joints.
- Requirements that pavement sections and panels subject to repetitive braking and/or acceleration should be designed with lug anchors or tie-bars to minimize separation or misalignment at the joints.
- Provisions for load transfer across construction joints by dowels or other acceptable means.

- In general, the design should follow the recommendations and practices for all components as described in ACI 330.1 and/or ACI 330R as applicable.

### **Liquefaction:**

Liquefaction typically occurs when very loose to loose non-cohesive soils encountered below the groundwater table experience a significant loss of shear strength due to the increase in porewater pressure resulting from seismic vibrations.

Based upon the design earthquake (Charleston, SC earthquake with magnitude 7.3 and a 2% probability of exceedance in 50 years) and characteristics of subsurface soils, the liquefaction analysis indicated that the encountered sand stratifications present below the groundwater table have potential to liquefy during the design seismic event. The amount of settlement estimated during and shortly after a seismic event of this magnitude ranged from 1 inch (within B-1) to 6 inches (within B-3).

If the risk of anticipated settlements due to liquefaction are unacceptable to the owner, extensive ground modification would need to be performed on the liquefiable soil strata or supporting the structure on pile foundation systems bearing below the potentially liquefiable soil zones would be required.

### **Seismic Parameters for Structural Design:**

In accordance with International Building Code 2006 (IBC 2006), this site would be defined as both a Site Class "D" and a Site Class "E". The classification is determined by weighted average soil properties in the top 100 feet of the soil profile, including standard penetration test N values, shear wave velocities, in-situ shear strengths and moisture contents, as specified by IBC 2006.

**Seismic parameters are provided below:**

Site Class D B-1	Site Class E B-2
$S_s = 0.690$	$S_s = 0.690$
$S_1 = 0.183$	$S_1 = 0.183$
$F_a = 1.248$	$F_a = 1.32$
$F_v = 2.069$	$F_v = 3.252$
$S_{MS} = 0.861$	$S_{MS} = 0.911$
$S_{M1} = 0.378$	$S_{M1} = 0.594$
$S_{DS} = 0.574$	$S_{DS} = 0.607$
$S_{D1} = 0.383$	$S_{D1} = 0.396$

Borings performed within actual building footprint areas will dictate which site class the building will fall under. Shear wave velocity testing can be performed during the final phase of geotechnical services in an effort to arrive at a site class "D" for each building site on this property.

Please note that structures having a period of vibration in excess of 0.5 second will require a site specific seismic evaluation to be performed to arrive at site specific values for  $S_{D8}$  and  $S_{D1}$ .

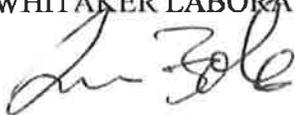
General:

Due to the limited information collected across the site, the above recommendations should be considered preliminary, and utilized as such. Whitaker Laboratory recommends that each individual structure on this site have an appropriate amount of soil test borings performed within actual footprint areas of the structures prior to final design and construction. Final foundation recommendations shall be made after these additional borings are performed.

We have included a site vicinity plan, boring location plan, boring logs, and liquefaction data within the appendix of this report for your information.

It is a pleasure to continue service to you and we look forward to further opportunities to assist you on this and other projects.

Respectfully submitted,  
WHITAKER LABORATORY, INC.



Jason H. Follo, P.E.  
SC Registered Engineer  
# 20225



Joseph M. Whitaker  
President

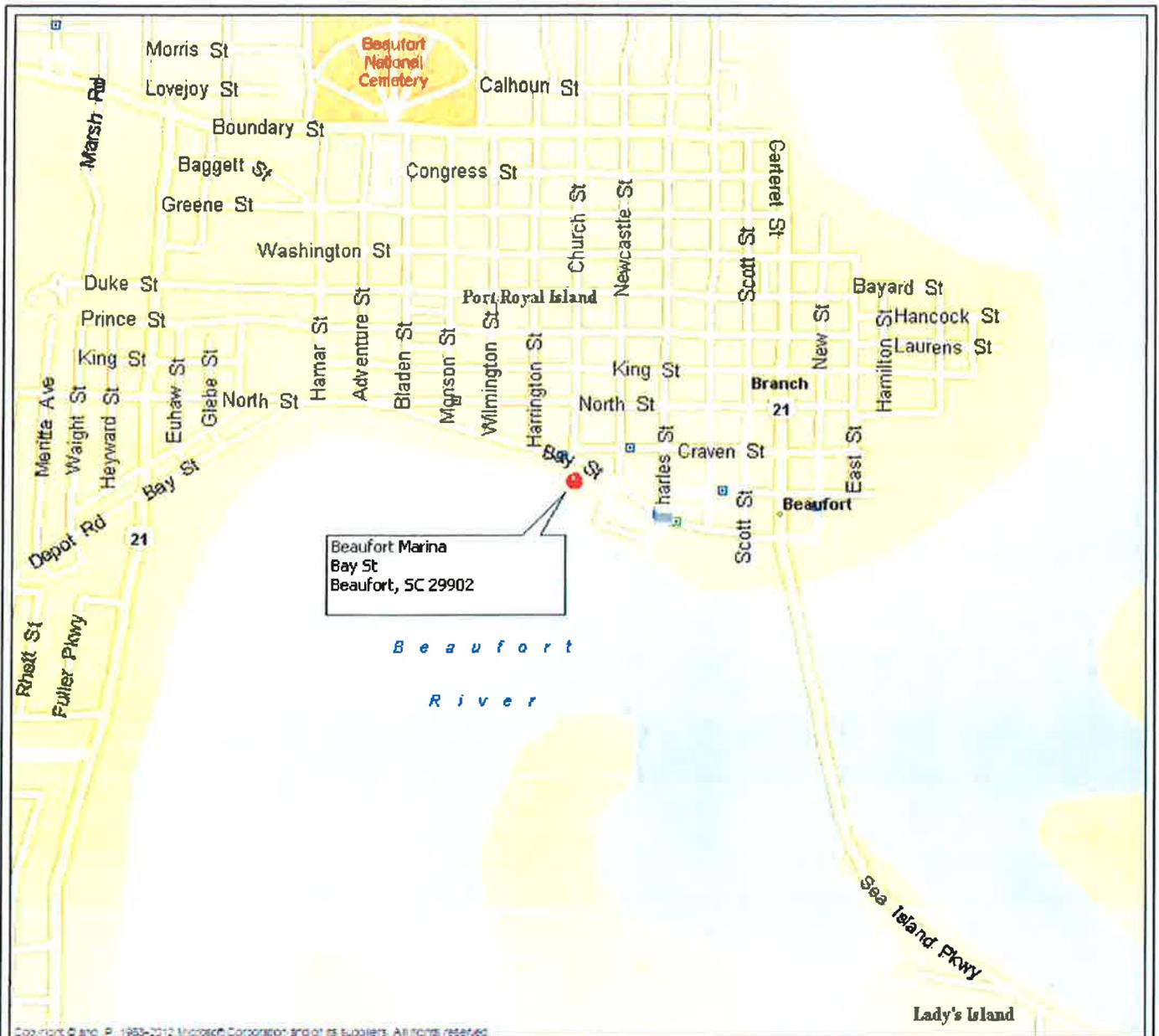
# **APPENDIX**

Site Vicinity Plan

Boring Location Plan

Boring Logs (B-1 through B-5)

Liquefaction Results



## Site Vicinity Map

Bay Street, Beaufort Marina  
Beaufort, Beaufort County, South Carolina





**Client:** Lawrence Group

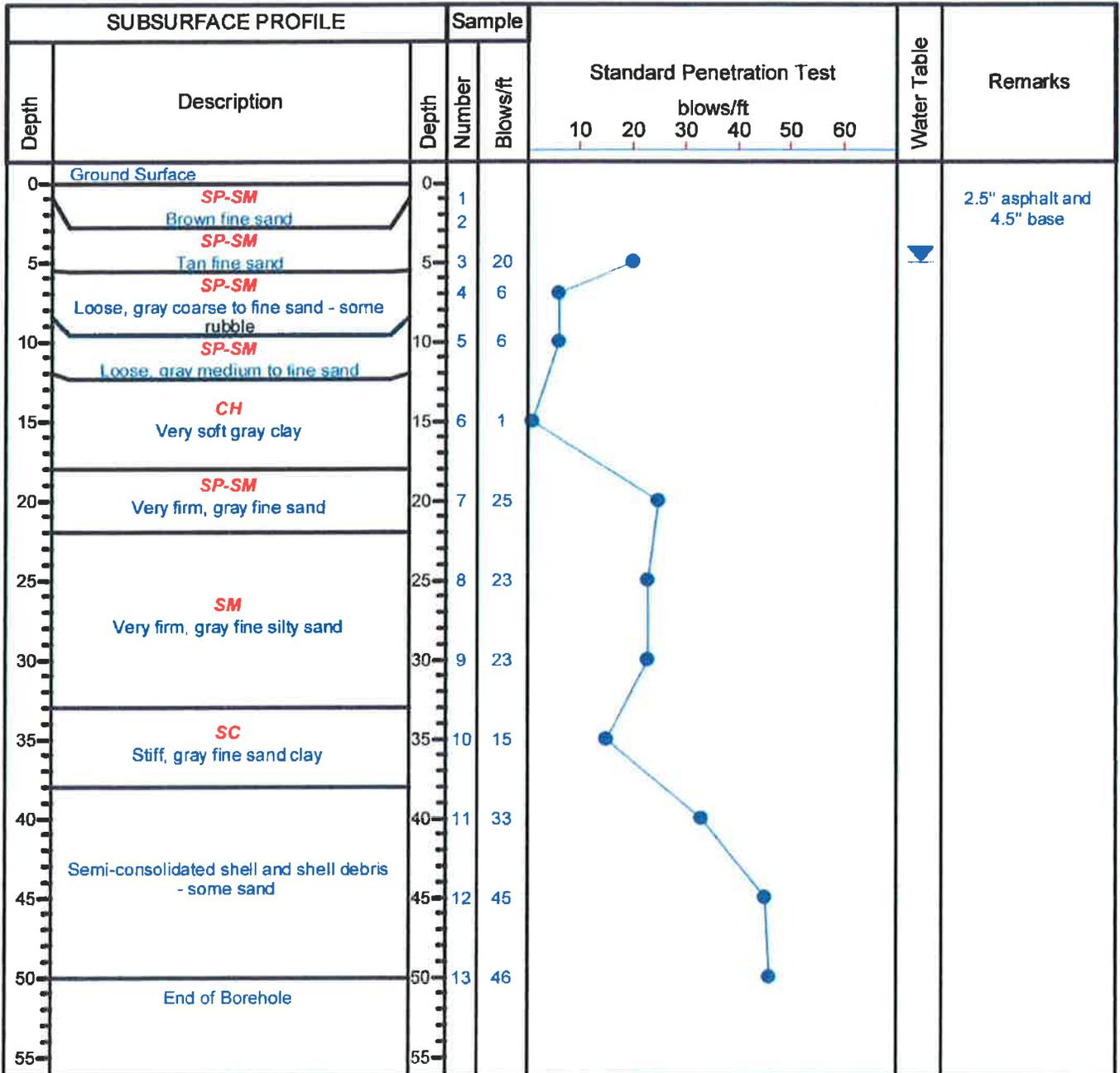
## Boring No. B-1

**Project:** Bay Street Marina

**Date:** 2/20/13

**Location:** Beaufort, SC

**Engineer:** Follo



Client: Lawrence Group

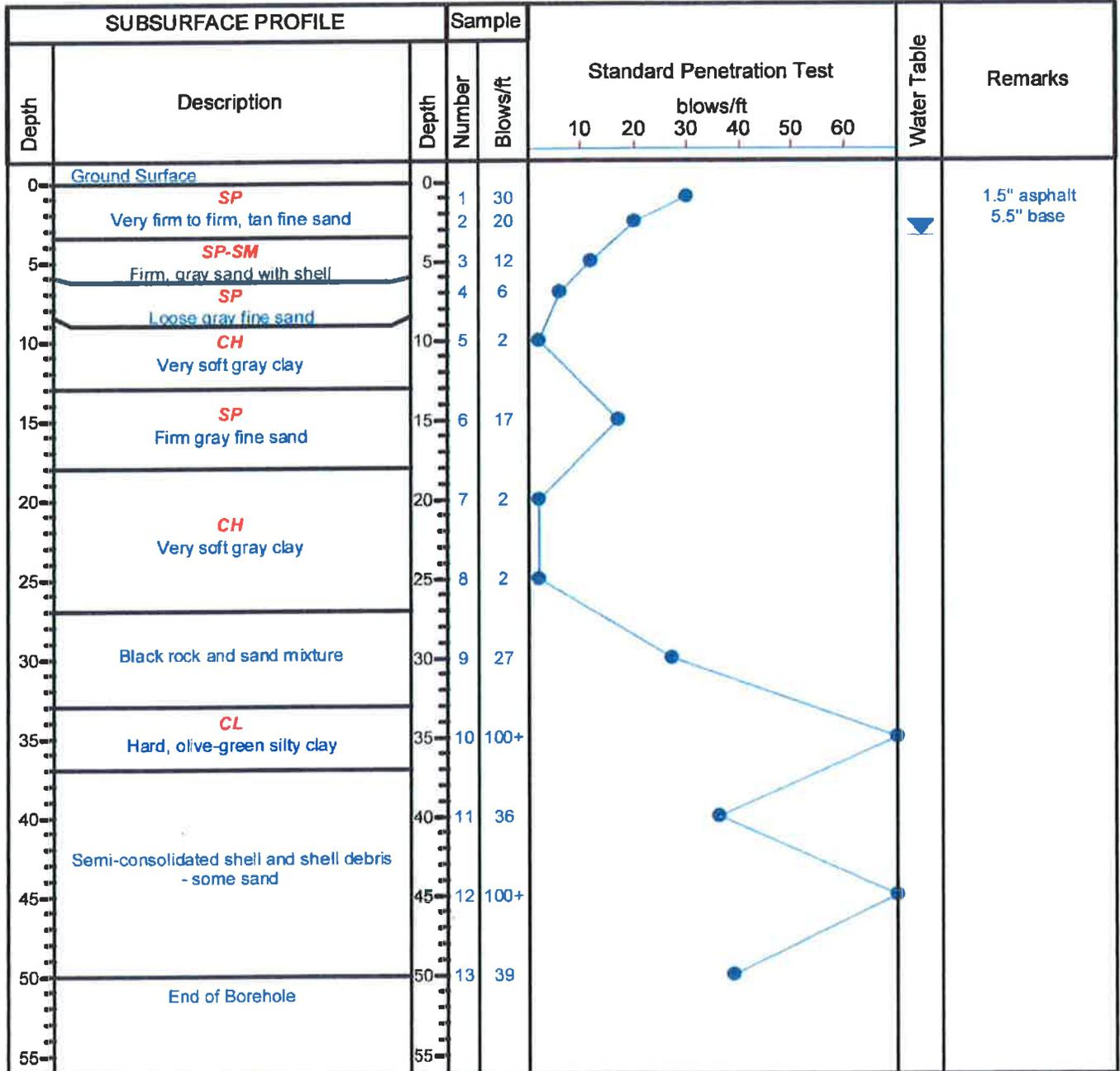
**Boring No. B-2**

Project: Bay Street Marina

Date: 2/21/13

Location: Beaufort, SC

Engineer: Follo



Drilled By: Wilkerson

**WHITAKER LABORATORY  
INC.**  
2500 Tremont Road  
Savannah, GA 31405

Hole Size: 6.5"

Drill Method: H. S. Auger

Datum:

Drill Date: 2/21/13

Sheet: 1 of 1

Client: Lawrence Group

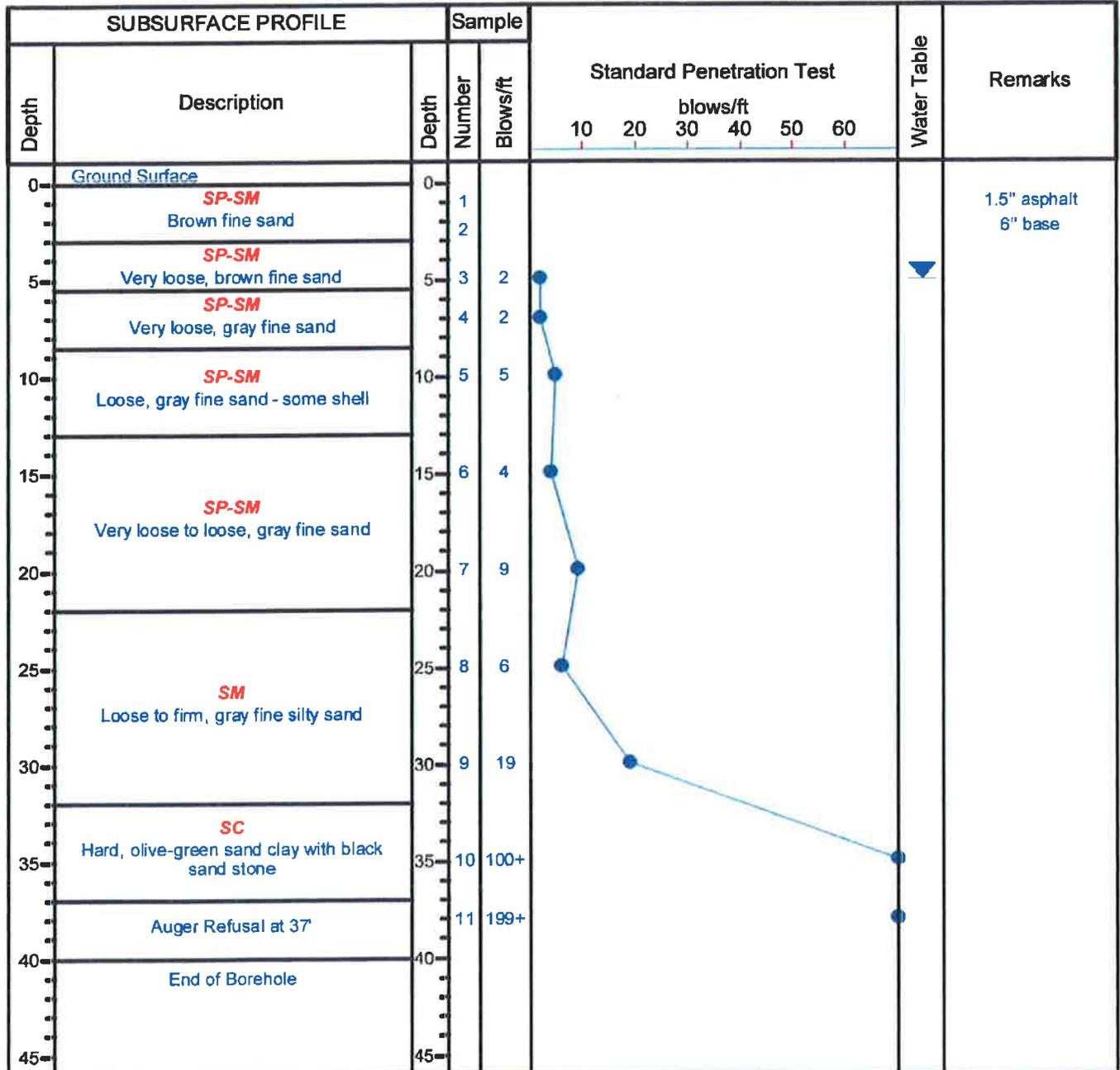
### Boring No. B-3

Project: Bay Street Marina

Date: 2/20/13

Location: Beaufort, SC

Engineer: Follo



Drilled By: Wilkerson

**WHITAKER LABORATORY  
INC.  
2500 Tremont Road  
Savannah, GA 31405**

Hole Size: 6.5"

Drill Method: H. S. Auger

Datum:

Drill Date: 2/20/13

Sheet: 1 of 1

Client: Lawrence Group

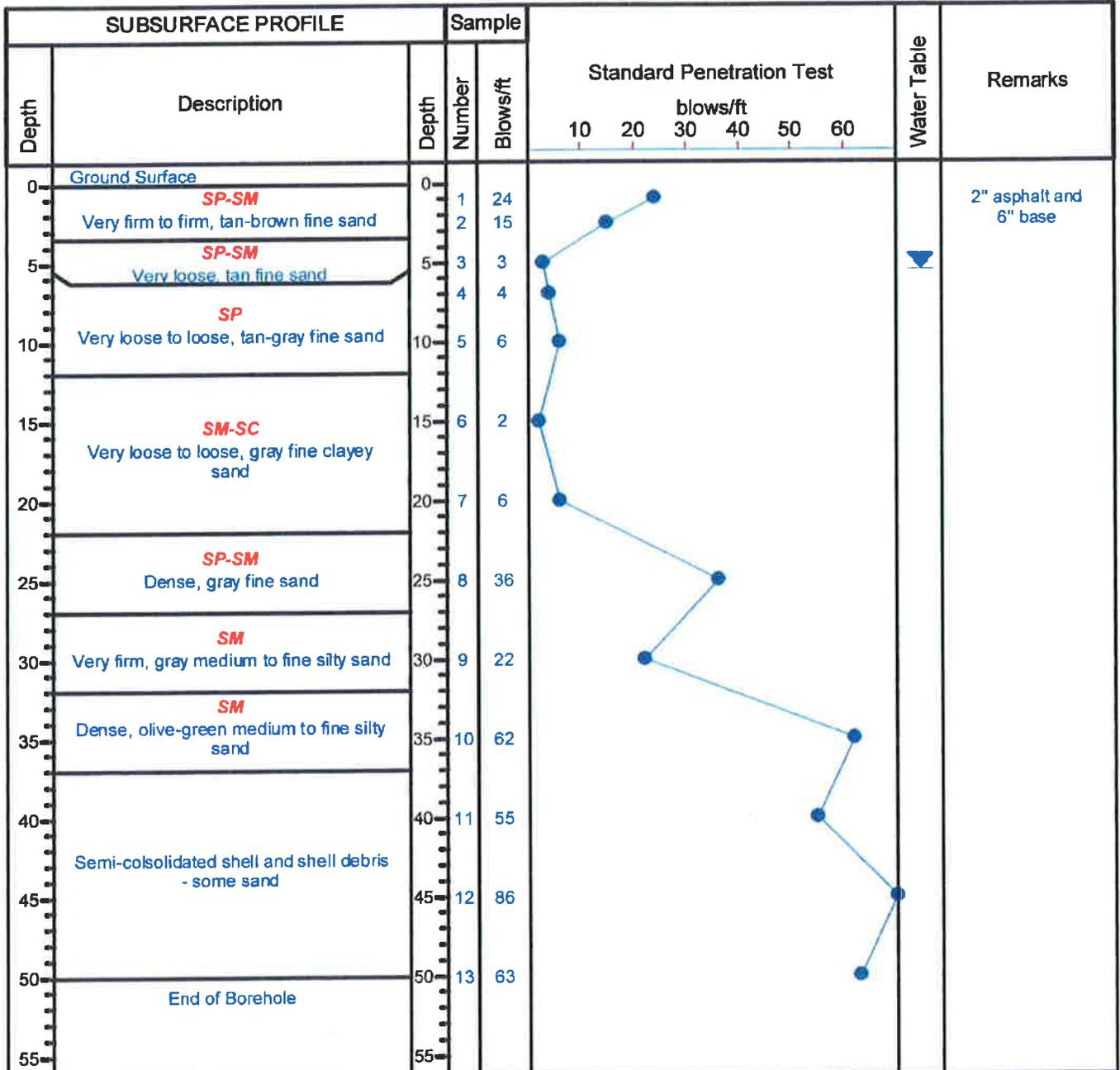
**Boring No. B-4**

Project: Bay Street Marina

Date: 2/20/13

Location: Beaufort, SC

Engineer: Follo



Drilled By: Wilkerson

**WHITAKER LABORATORY  
INC.**

Hole Size: 6.5"

Drill Method: H. S. Auger

2500 Tremont Road  
Savannah, GA 31405

Datum:

Drill Date: 2/20/13

Sheet: 1 of 1

Client: Lawrence Group

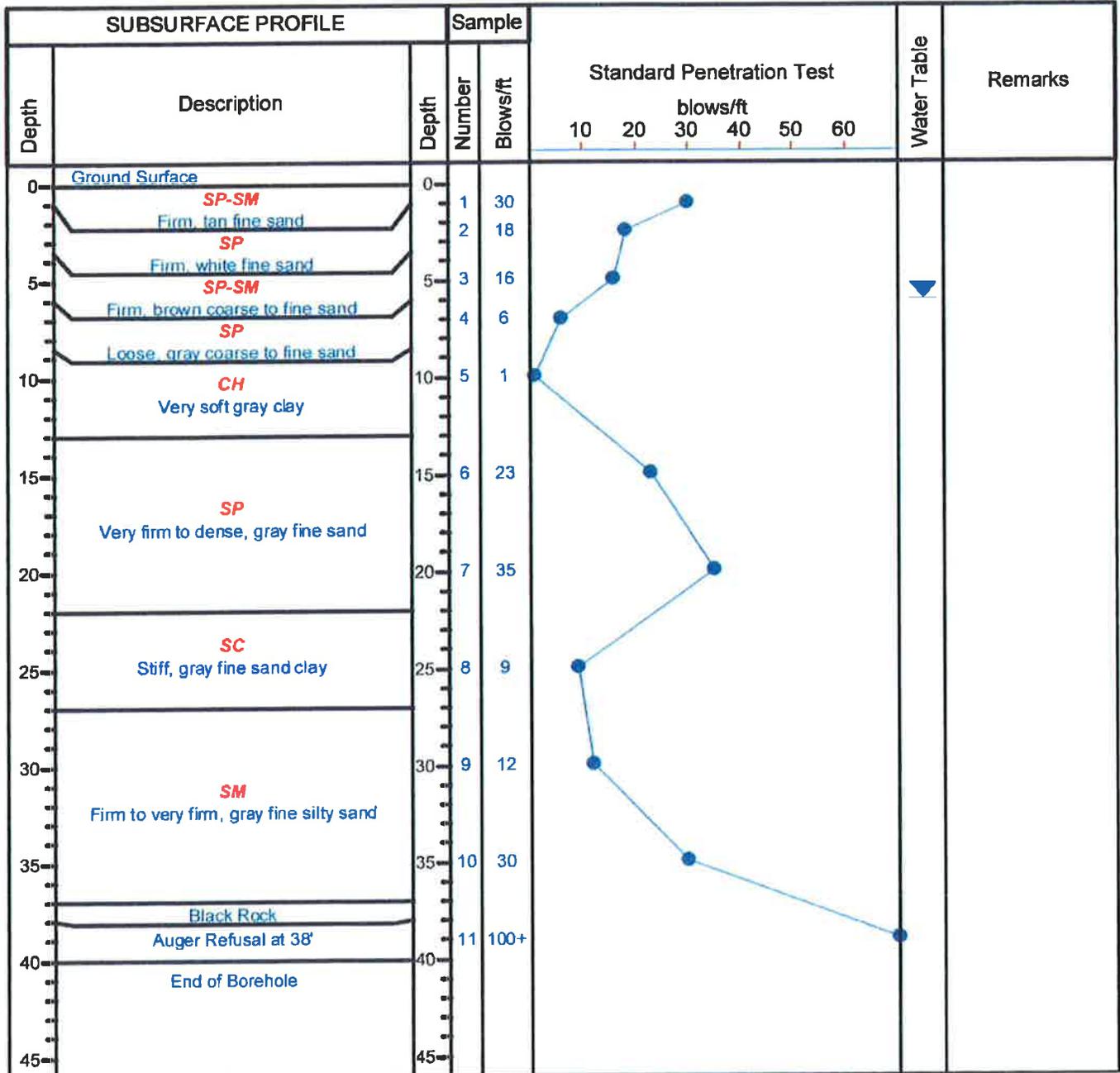
**Boring No. B-5**

Project: Bay Street Marina

Date: 2/19/13

Location: Beaufort, SC

Engineer: Follo



Drilled By: Wilkerson

**WHITAKER LABORATORY  
INC.  
2500 Tremont Road  
Savannah, GA 31405**

Hole Size: 6.5"

Drill Method: H. S. Auger

Datum:

Drill Date: 2/19/13

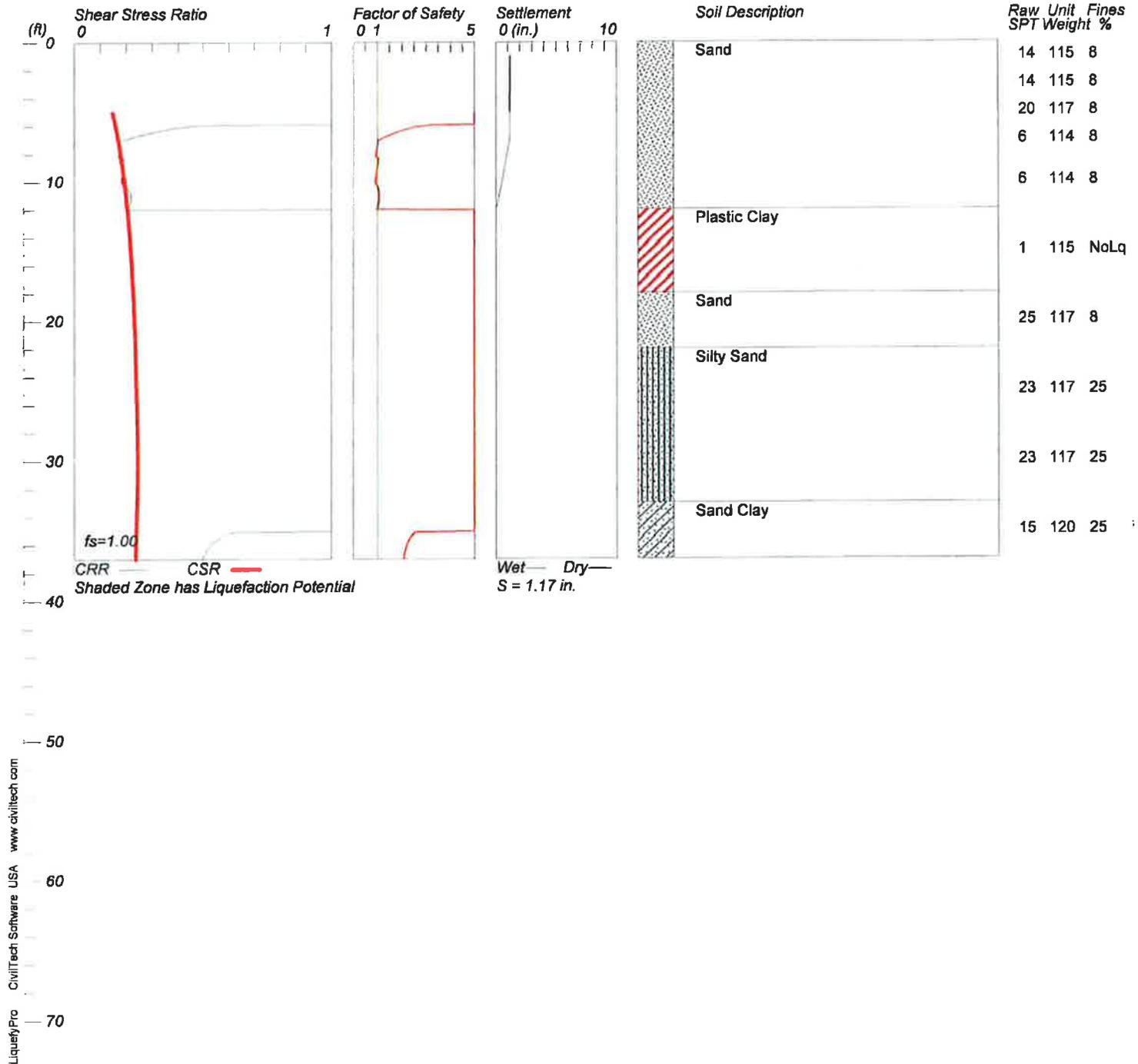
Sheet: 1 of 1

# LIQUEFACTION ANALYSIS

## Beaufort Marina

**Hole No.=B-1    Water Depth=5 ft**  
**Ground Improvement of Fill=1 ft**

**Magnitude=6.9**  
**Acceleration=0.23g**

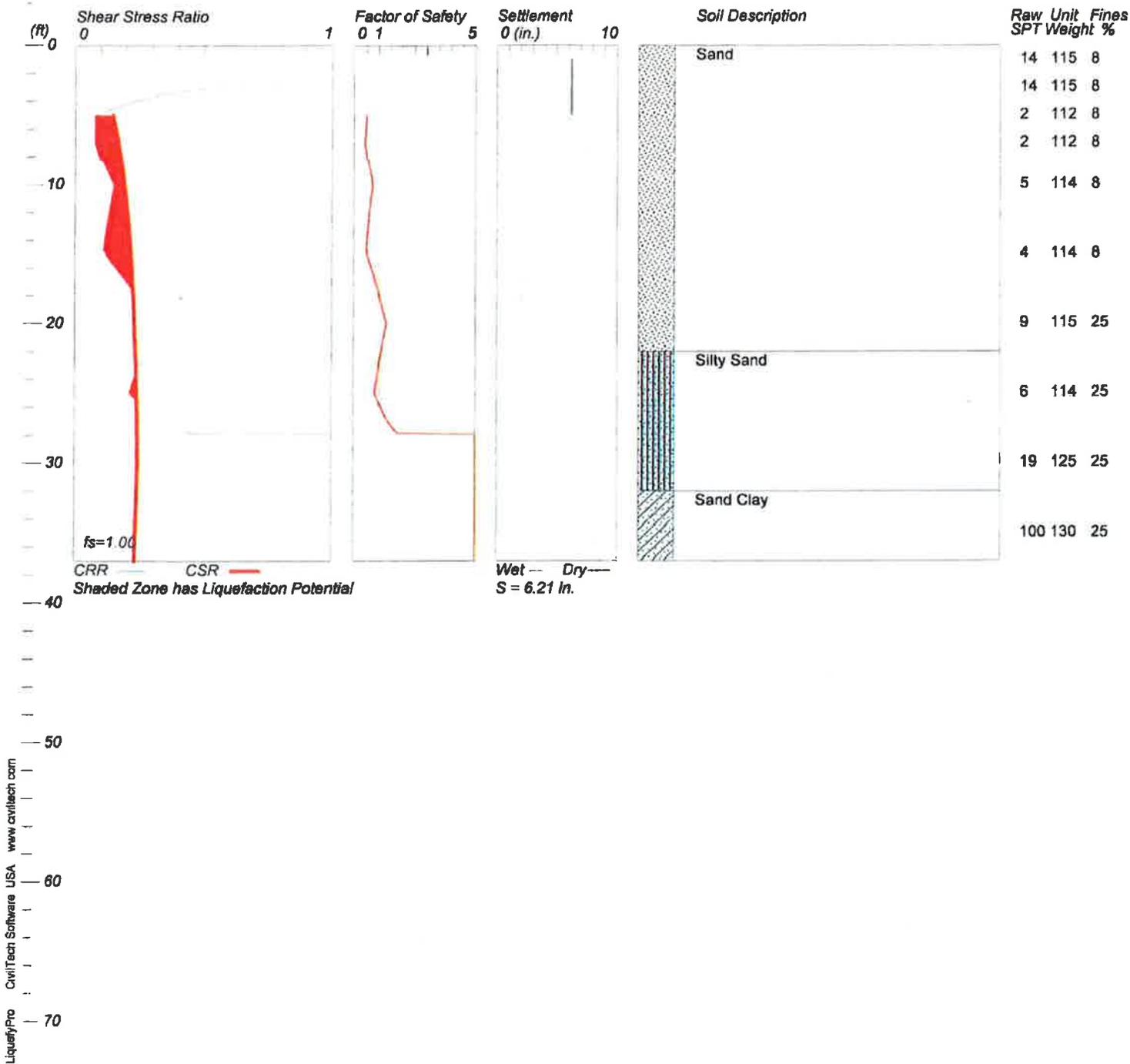


# LIQUEFACTION ANALYSIS

## Beaufort Marina

Hole No.=B-3 Water Depth=5 ft  
Ground Improvement of Fill=1 ft

Magnitude=6.9  
Acceleration=0.23g



**APPENDIX F – PREVIOUS ENVIRONMENTAL REPORTS**

**Available upon request.**

## APPENDIX G – QUALIFICATIONS OF PERSONNEL

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### ***WHITAKER LABORATORY, INC.***

Corporate Office • 2500 Tremont Road • Savannah, Georgia 31405  
(912) 234-0696 • Fax (912) 233-5061 • Email: [info@whitakerlab.net](mailto:info@whitakerlab.net)  
[www.whitakerlab.net](http://www.whitakerlab.net)



**Joseph F. Whitaker, P.E.**  
Vice President / Engineer

#### PROFESSIONAL REGISTRATIONS:

- Georgia Registered Professional Engineer - #26751
  - American Concrete Institute
    - Certified Concrete Field Testing Technician -ID# 984731
    - Certified Concrete Construction Inspector
  - Georgia Concrete and Products Association
    - Certified Structural Masonry Inspector
  - Georgia Certified Driller - # 591
  - South Carolina Certified Driller - # 1015
  - GA Department of Natural Resources
    - GA DNR Registered Soil Scientist
    - GA EPD Qualified Erosion Control Personnel - Level 1A
    - GA EPD Qualified Erosion Control Inspector - Level 1B
    - International Code Council Special Inspector
    - Spray Applied Fire Proffing Special Inspector

#### PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers  
(Savannah Chapter President 2001 / 2002)
- National Society of Professional Engineers
- American Society for Testing and Materials

#### EDUCATION:

- Bachelor of Civil Engineering Technology  
Georgia Southern University
- Humboldt Scientific Radiation Safety Course
- Shelby Environmental - OSHA 1910.120 Safety
- American Welding Society D1.1 Training  
Structural Steel Code 2006 Edition

- National Groundwater Association
- American Concrete Institute
- Georgia Water and Pollution Control Association

#### EXPERIENCE:

Since 1976 I have been involved in the testing and evaluation of construction materials.

I am currently responsible for overseeing the daily operations of the laboratory. This includes technician training and the evaluation of test data for specification compliance.

As part of my duties, I am also responsible for maintaining the laboratory's QA/QC system to satisfy ASTM-E-329 requirements.

Over the past 20 years, I have been responsible for inspecting, supervising and evaluating numerous industrial, commercial and residential projects. (A list can be provided upon request).

## APPENDIX G – QUALIFICATIONS OF PERSONNEL

### Whitaker Laboratory, Inc.

2500 Tremont Road, Savannah, GA 31405 - (912) 234-0696

#### Name:

Donald R. Martin, Jr.

#### Project Role:

Environmental Professional  
Senior Project Manager

#### Education:

Benedictine Military School  
Class of 1982

Emory University  
College of Business  
Atlanta, Georgia

#### Years of Experience:

With Whitaker: 10

With Other Firms: 18

#### Affiliations:

American Subcontractors  
Association, Associate

Homebuilders Association of  
Savannah Associate Member

American Institute of  
Architects Associate Member

#### Certifications:

Transportation Workers  
Identification Credential (TWIC)  
(5/23/13)

Georgia Soil & Water  
Conservation Commission  
(GSWCC) - Level 1A  
(11/29/14) License # 2674

US EPA Lead Based Paint  
Inspector / Risk Assessor -  
(05/17/12)  
License #- 50CMB 0210 7087

#### Relevant Experience:

Since 2002, Donald R. Martin, Jr. has been employed with Whitaker Laboratory, Inc. in Savannah, Georgia. Throughout his tenure with the company, Donald has been responsible for conducting Phase I and Phase II Environmental Site Assessments, Asbestos and Lead Paint Assessments, Fuel Contamination Inspections, Subsurface Contamination Investigations and all the due diligence associated with correct local, state and federal reporting. Certified Level IA NPDES Site Inspector, TWIC Certified, Lead Based Paint (LBP) and Asbestos Containing Materials (ACM) Project Manager.

#### Partial Listing of Environmental References:

##### Banking:

Sun Trust Bank, Savannah, Atlanta  
Coastal States Bank, Savannah  
Heritage Bank, Savannah  
Wachovia Bank, NA, Savannah, Charlotte  
Peoples Bank & Trust Company, Baxley  
Bryan Bank & Trust Co., Richmond Hill  
Beach First National, Hilton Head Island  
Ameris Bank, Kingsland  
Berra Capitol, Atlanta

Satilla Community Bank, St. Mary's  
Bank South, Savannah  
Sea Island Bank, Savannah, Brunswick  
United Community Bank, Savannah  
The Coastal Bank, Savannah  
The Savannah Bank, Savannah  
Tattnall Bank of Reidsville  
The Colony Bank, Savannah  
BB&T Bank, Savannah

##### Government:

City of Savannah Engineering Department  
Chatham County Engineering  
Small Business Assistance Corporation (SBAC), Savannah  
Coastal Area District Development Authority (CADD), Brunswick, Savannah  
U.S. Small Business Administration, Sacramento, CA  
U. S. Army Corps of Engineers, Ft. Stewart  
DWP, Ft. Stewart / HAAF, Savannah  
South Georgia Business Solutions

##### Legal:

Weiner Shearouse Weitz Greenberg & Shaw, Savannah, GA  
Hunter Maclean Exley & Dunn, Savannah, GA  
Davis, Pickern & Seydel, Atlanta, GA  
Nexen Pruett, Hilton Head Island, SC  
Alford & Wilkins, PC, Hilton Head Island, SC

##### Private/Commercial:

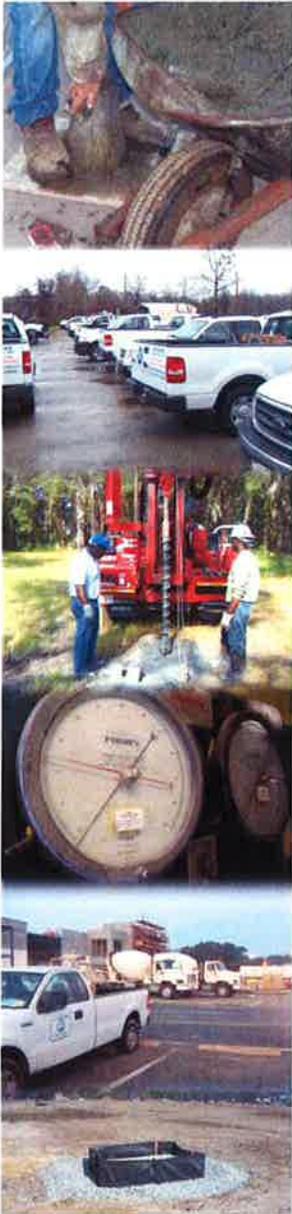
Cogdell Mendrala Architects, Savannah  
Dale Critz, Critz BMW / Mercedes  
Gilbert Realty, Savannah  
Thomas & Hutton Engineering, Savannah  
Hussey, Gay, Bell & DeYoung, Savannah  
Colliers Neely Dales, Inc.  
AAG Associates, Inc., Hampton  
Walbridge, Inc., Ft. Stewart

McKibbin Hotel Group, Atlanta  
De Levis Designs, Savannah  
Ken Skodacek, Hilton Head Island  
Kern Coleman Company, Savannah  
Northpoint Realty, Atlanta  
Buckley & Associates, Savannah  
PCDG, Inc., Savannah  
Copper Construction, Inc., Ft. Stewart

**APPENDIX G – QUALIFICATIONS OF PERSONNEL**

**WHITAKER LABORATORY, INC.**

2500 Tremont Road • Savannah, Georgia 31405 • Telephone (912) 234-0696 • Fax (912) 233-5061  
Info@whitakerlab.net • www.whitakerlab.net



**Company Profile**

Whitaker Laboratory, Inc. (Whitaker) is an organization of professional men and women committed to servicing the construction industry providing Geotechnical Engineering, Environmental Consulting and Construction Materials Inspection & Testing Services. Whitaker is a local firm based in Savannah, Georgia.

We have been servicing the eastern coastline from Charleston to Jacksonville for over 39 years, gaining invaluable knowledge and experience in area development, local county, state and federal requirements, coastal plain geologic formations and their effects on shallow and deep foundation system performance, construction techniques and material resources.

We take pride in utilizing our knowledge and experience to provide our clients with the most economical, technically sound recommendations.

Whitaker has maintained longstanding relationships with many large local and national clients. We understand the importance of providing quality service to each and every client. It is our repeat business that keeps us healthy and growing.

It is our philosophy that the commitment to meet the needs and expectations of our clients not only comes from our senior management, but also from each and every member of the project team. We have the proven track record and have demonstrated we can fulfill our contracts while meeting or exceeding the expectations of our clients.

Whitaker's resources are available to serve your needs 24 hours a day, seven days a week.

Whitaker has structured our staff and capabilities to provide maximum flexibility to meet our client's scheduling requirements. Considering our resources, we are confident we can satisfy any schedules requested without compromising the quality of work, *even in the most urgent and emergency situations.*

