

**DETAILED PROJECT REPORT AND  
DRAFT ENVIRONMENTAL ASSESSMENT  
WATAUGA SECTION 206 AQUATIC ECOSYSTEM  
RESTORATION PROJECT  
TOWN OF BOONE, NORTH CAROLINA**

**APPENDIX C  
HTRW Phase I Survey Report**

**U.S. ARMY ENGINEER DISTRICT, HUNTINGTON  
CORPS OF ENGINEERS  
HUNTINGTON, WEST VIRGINIA**

**May 2008**

MEMORANDUM FOR CELRH-RE, ATTN: PD-R (Janet Cote) and PM-PP-P (Mark Kessinger)

SUBJECT: Limited Phase I HTRW Investigation, Boone, NC Section 206 Aquatic Restoration Project located in Boone, Watauga County, North Carolina.

1. Enclosed for your reference is the final Limited Phase I HTRW Report dated March 2008 for the subject project. This report documents the Limited Phase I HTRW Investigation results and recommendations for streambanks along the South Fork of the New River near the Greenway Trail in Boone, North Carolina.
2. Based on the findings of the Phase I HTRW Investigation, no potential HTRW concerns were noted on this property. It should be noted that two groundwater monitoring wells were observed during the site visit of the proposed project area. After extensive investigation and interviews with several individuals familiar with the project area, very little information was found concerning these wells and their intended purpose. It is unclear whether they were used for scholastic purposes for Appalachian State University, to monitor river effects on localized groundwater or to monitor groundwater contamination. After discussion with the Project Manager and those familiar with the proposed project, it was stated that only ground surface disturbance, to a minimal depth, would occur during construction. It was also stated that no groundwater disturbance in the area is anticipated during construction. Based on these items the following recommendation was included in the Limited Phase I ESA:

“Based on the investigative findings and the planned activities for this site, no potential HTRW concerns were noted in the project area. At this time, no additional HTRW Investigations are required.

Due to the unknowns surrounding the groundwater monitoring wells in the project area, if groundwater or signs of contamination are encountered during construction activities, EC-CE shall be notified immediately so that further examination of the situation may take place as needed.

If work plans change to include any additional areas that were not investigated for HTRW concerns during this study, then those areas would require a Phase I HTRW investigation before proceeding.”

CELRH-EC-CE

SUBJECT: Limited Phase I HTRW Investigation, Boone, NC Section 206 Aquatic Restoration Project located in Boone, Watauga County, North Carolina

3. If there are any questions concerning this report or the enclosed information, please contact Mr. Nickolas McHenry at ext. 5909.

Encl  
as

  
for DAVID MEADOWS, P.S., P.E.  
Acting Chief, Engineering & Construction  
Division

CF:  
CELRH-EC-CE  
CELRH-PM-PP-P

# **Boone Section 206 Aquatic Ecosystem Restoration Project Boone, North Carolina**



**Limited Phase I Environmental Site Assessment  
Final Report**



**US Army Corps  
of Engineers®**

**U.S. Army Corps of Engineers  
Huntington District**

**March 2008**

**Report #3**

**Environmental Professional:** Nickolas McHenry, E.I.

**Qualifications:**

*Relevant Education:*

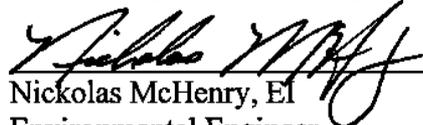
BS, Civil Engineering, West Virginia University Institute of Technology, 2002

*Relevant Experience:*

January 2003 - present, Environmental Engineer, US Army Corps of Engineers – Perform environmental site assessments and plan and manage environmental investigation and remediation of residential, commercial, and former military sites.

**I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.**

**I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of this part.**

  
Nickolas McHenry, E.I.  
Environmental Engineer

  
Date

**Report of the  
Limited Phase I Environmental Site Assessment  
Boone Section 206 Aquatic Ecosystem Restoration Project  
Boone, North Carolina**

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## EXECUTIVE SUMMARY

The U.S. Army Corps of Engineers (USACE) Huntington District (CELRH) conducted a Limited Phase I Environmental Site Assessment (ESA) on the proposed project area adjacent to the South Fork of the New River for the Boone, NC, Section 206 Aquatic Ecosystem Restoration Project. The purpose of this Limited Phase I ESA was to identify environmental conditions and to identify the potential presence of Hazardous, Toxic and Radioactive Waste (HTRW) contamination in the project area. The investigation was performed in accordance with ASTM E 1527-05 and 1528-00 Standards, USACE Huntington District ISO 9001 procedures and USACE HTRW policies. The investigation included an assessment of adjacent properties. This investigation is termed as *limited* because a search of the ownership history was not performed or reviewed.

An environmental professional conducted the field investigation for the area during February 19, 2008. During the physical inspection, the ground surface was examined for signs of contamination. Specific indicators of possible environmental contamination include stained soil, stressed vegetation, surface debris, underground storage tank (UST) fill caps or vent lines, and unusual ground depressions or formations. The site reconnaissance also included the assessment of the potential for contamination from activities on adjacent areas. Color photographs of the characteristics of the area were taken during the site assessment. The only item noted that was of concern were two groundwater monitoring wells located along the streambank. In interviews with several individuals familiar with the site and its history, no information was retrieved concerning these wells and their intended use.

As mentioned above, because this was a Limited ESA, title ownership of the project area was not developed for the project. Interviews were conducted with local officials who have extensive knowledge of the area, including its current and past conditions, to obtain specific information about past activities and current conditions on the sites. Records of regulatory agencies listing recognized environmental conditions in connection with the properties were accessed through Environmental Data Resources Inc., a commercial database retrieval company located in Southport, CT. Records from the State of North Carolina Department of Environmental Health and Natural Resources pertaining to the project area were available and were reviewed. The current and historical United States Geological Survey (USGS) 7.5-minute topographic maps, as well as historical aerial photographs, were available and reviewed for the project boundaries.

## RECOMMENDATIONS

Based on the investigative findings and the planned activities for this site, no potential HTRW concerns were noted in the project area. At this time, no additional HTRW Investigations are required.

Due to the unknowns surrounding the groundwater monitoring wells in the project area, if groundwater or signs of contamination are encountered during construction activities,

EC-CE shall be notified immediately so that further examination of the situation may take place as needed.

If work plans change to include any additional areas that were not investigated for HTRW concerns during this study, then those areas would require a Phase I HTRW investigation before proceeding.

## REFERENCES

ASTM E 1527-05, Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

ASTM E 1528-06, Standard Practices for Environmental Site Assessments: Transaction Screening Process.

EM 385-1-1, Safety and Health Requirements Manual

ER 1165-2-132, Hazardous, Toxic, and Radioactive Waste (HTRW) Guidance for Civil Works Projects.

**Report of the  
Limited Phase I Environmental Site Assessment  
Boone Section 206 Aquatic Ecosystem Restoration Project  
Boone, North Carolina**

1. INTRODUCTION

The U.S. Army Corps of Engineers (USACE) Huntington District (CELRH) conducted a Limited Phase I Environmental Site Assessment (ESA) on the proposed project area adjacent to the South Fork New River for the Boone, NC, Section 206 Project. The purpose of this Limited Phase I ESA was to identify environmental conditions and to identify the potential presence of Hazardous, Toxic and Radioactive Waste (HTRW) contamination in the project area. The investigation was performed in accordance with ASTM E 1527-05 and 1528-00 Standards, USACE Huntington District ISO 9001 procedures and USACE HTRW policies. The investigation included an assessment of adjacent properties. This investigation is termed as *limited* because a search of the ownership history was not performed or reviewed.

*1.1 Project Description*

Boone, NC, is located in the mountainous region of western North Carolina. Under Section 206 of the Water Resources Development Act of 1996, a stream restoration project is being proposed along a segment of the South Fork of the New River near Boone. This project is proposed to restore habitat to the project reach of the river, which is currently degraded by insufficient depth, lack of instream habitat diversity, lack of shade, and high siltation and sedimentation rates. The current plan for this area is the creation of wetlands, pointbars, bank shaping, instream features, and riparian plantings. Also, other in-stream features (i.e. boulder or wood vanes, V-weirs, etc.) would be built to improve aquatic habitat and reduce the effects of erosion. Prior to implementation of this type of project, a Limited Phase I ESA is required for the project area. This Phase I ESA Report is necessary for worker safety and to prevent the release of potential HTRW contamination to the environment and/or the South Fork of the New River.

*1.2 Limitations of Investigations*

The investigation was performed based solely upon information available to the U.S. Army Corps of Engineers, Huntington District, Environmental and Remediation Section (CELRH-EC-CE) at the time of the investigation. Services for the Phase I ESA did not include sampling, testing, and/or analysis to conclusively ascertain that contamination exists or is absent at or near the project site. Information concerning environmentally-sensitive incidents was gathered based on state and federal databases available for public review and interviews with current owners, utility company personnel, and/or regulatory agency personnel. No warranties or certifications can be provided by CELRH-EC-CE

concerning the accuracy or completeness of all the information reviewed during the investigation.

The determination of potential HTRW contamination should not be considered as a definite assertion that an environmentally sensitive condition actually exists. The conclusions and recommendations presented herein are based on information gathered using that degree of care and skill ordinarily exercised under similar circumstances by competent members of the environmental profession and no warranties are expressed or implied.

Furthermore, no ESA can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Conducting a Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions and this assessment recognizes reasonable limits of time and cost. In addition, appropriate inquiry does not mean an exhaustive assessment of a property. At some point, the cost of information obtained or the time required to gather it outweighs the usefulness of the information and in fact may be a material detriment to the orderly completion of transactions. Furthermore, subsequent ESAs should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, changing regulatory or industry standards, or other factors.

### *1.3 Scope of Work*

The CELRH conducted a Limited Phase I ESA on the proposed project area. The purpose of this Limited Phase I ESA was to identify the potential presence of HTRW contamination on the site that would interfere with the proposed streambank restoration activities. The primary intent of this investigation was to ensure there are no potential HTRW concerns on the property that would cause concern for workers safety and the potential release of HTRW contamination to the environment and/or the river during the planned restoration activities. The investigation included an assessment of adjacent properties. The investigation was performed based on ASTM E 1527 -05 and 1528-00 Standards, Huntington District 9001 ISO procedures and USACE HTRW policies. This investigation is termed *limited* because a deed searches were not completed for the proposed. A supplement to the generic Quality Control Plan (QCP) and a Site-Specific Safety and Health Plan (SSHP) were developed and implemented during all phases of this investigation. Procedures and documentation of the QCP are enclosed in Appendix C. A copy of the SSHP is located in Appendix D.

An environmental professional conducted the field investigation for the area during February 19, 2008. During the physical inspection, the ground surface was examined for signs of contamination. Specific indicators of possible environmental contamination include stained soil, stressed vegetation, surface debris, underground storage tank (UST) fill caps or vent lines, and unusual ground depressions or formations. The site reconnaissance also included the assessment of the potential for contamination from

activities on adjacent areas. Color photographs of the characteristics of the area were taken during the site assessment. These photographs are located in Appendix C.

Because this was a Limited ESA, title ownership was not developed for the project. Interviews were conducted with local officials who have extensive knowledge of the area, including its current and past conditions to obtain specific information about past activities and current conditions on the sites. Records of regulatory agencies listing recognized environmental conditions in connection with the properties were accessed through Environmental Data Resources Inc., a commercial database retrieval company located in Southport, CT. Records from the State of North Carolina Department of Environmental Health and Natural Resources pertaining to the project area were available and were reviewed. The current and historical United States Geological Survey (USGS) 7.5-minute topographic maps were available and reviewed for the project area. The topographical maps can be found in Appendix A. Aerial photographs and historical topographic maps of the proposed project location can also be found in Appendix A.

Interviews were also conducted with persons knowledgeable of the project area. These interviews were performed in order to obtain information about current and previous usage of the property and about activities associated with environmentally sensitive incidents. Records of the interviews can be found in Appendix B.

## 2. SITE DESCRIPTIONS AND FIELD INVESTIGATIVE FINDINGS

An environmental professional from CELRH-EC-CE conducted a field investigation for the project area on February 19, 2008. The fieldwork for the investigation consisted of site visits to observe the conditions of the properties with regard to recognizable environmental concerns (RECs). During the physical inspection, the ground surface and adjacent properties were examined for signs of potential contamination. Specific indicators of possible environmental contamination include stained soil, stressed vegetation, surface debris, underground storage tank (UST) fill caps or vent lines, and unusual ground depressions or formations. The site reconnaissance also included the assessment of the potential for contamination on the property due to activities on adjacent properties. Site assessment questionnaires, including site drawings, were also completed for this area and are located in Appendix E. Color photographs taken of the project area are located in Appendix F. These photographs document the findings of the field investigation.

### 2.1 Site Assessment

The site is located near the Town of Boone, North Carolina along the town's Greenway Pedestrian and Bike Trail/Appalachian State University Intramural Sports Fields. This property is an Appalachian State University/Town of Boone-owned property with the South Fork of the New River running through and adjacent to the properties. The current plan for this site includes restoration of the streambank and river bed on the South Fork of the New River.

The site consists of land owned by Appalachian State University that is used for its intramural sporting events and land owned by the Town of Boone used as a portion of their Greenway Pedestrian and Bike Trail. This consists of a walking track, soccer fields, and foot bridges. At two points on the property, within the proposed project locations, the city's main sanitary sewer crosses the river. The pipe is 30" in diameter and made of cast iron. During the site visit (and later confirmed in interviews with city officials) it was noted that there were no signs of leakage associated with this main sewer line. Photos in Appendix F show the conditions at and around this site. It was also noted that a major power line crosses the eastern portion of this property. No transformers were noted in association with these power lines.

An item that was noted during the site visit that raised a concern were two groundwater monitoring wells that were located along the riverbank in two areas of the proposed project area. The wells were encased in a steel casing and were locked. They had a descriptive sticker on them that were supposed to list specific information, but it had not been filled out. Although these wells are clearly visible, no one who was interviewed concerning the Phase I Investigation had any knowledge of their existence or their intended purpose. (A description of the interviews conducted for this investigation concerning these wells is given in Appendix E Interviews with Town of Boone and Appalachian State University officials.)

Adjacent properties consisted of a residential neighborhood and a wooded hillside to the south and west. In the north and east the property is surrounded by the aforementioned sports fields and a vacant property where a senior citizen housing complex once existed but has since been demolished.

## 2.2 Site Mapping

Per ASTM 1527-05 a review of reasonably ascertainable standard historical sources was performed as part of this investigation. The purpose of this historical record search is to determine the past uses of this site. While conducting the site visit, the Watauga Co. National Resource Conservation Service provided CELRH-EC-CE environmental personnel with electronic copies of their historical aerial photographs of the area under investigation. Included in Appendix A, these aerial photographs include the 1940, 1955, 1964, and 1984 flights. Historical topographic maps were obtained in the EDR Data Package and include the 1902, 1942, 1959, 1978 and 1994 maps. (See Appendix A for copies of these maps.) The current USGS 7.5-minute topographic map showing the project site was available and reviewed. A copy of this map is included in Appendix A along with maps of the project area. The current and historical USGS topographic maps, along with the historical aerial photographs, did not indicate any activities that would cause HTRW concerns in the project area.

## 2.3 Interviews with Government Officials, Land Owners, and Local Agencies

Interviews with local agencies were performed to determine if any potential HTRW concerns existed on the proposed site. These interviews were performed in order to

obtain information about current and previous usage of the properties and about activities associated with environmentally sensitive incidents. Records of all interviews are contained in Appendix E. For this investigation, interviews were conducted with the following individuals.

- Allison Kemp-Sullivan, Project Manager, Appalachian State University
- Jim Byrne, Resources Manager, Town of Boone
- Jeff Henson, Boone Public Utilities
- Eric Gustaveson, Grounds Foremen, Appalachian State University
- Jim Bryan, Landscape Services Manager, Appalachian State University

According to the interviews the property was a farm prior to being turned into the athletic fields. It was known as the “State Farm” and it was owned by the State of North Carolina as mainly a dairy and crop farm to feed students at Appalachian State University. They all also noted that a senior citizen/single family housing structures were located in the property to the southeast of the project area. No potential HTRW concerns were uncovered through these interviews.

#### 2.4 Ownership History

Due to the fact that this investigation was a Limited Phase I ESA, an ownership history was not compiled for this report.

#### 2.5 Regulatory Records Search

A site map showing the locations of the area was used to obtain federal and state records of environmentally-sensitive incidents and activities in the immediate vicinity of the project area. Federal and state databases were accessed through a commercial database retrieval company.

Records of regulatory agencies listing recognized environmental conditions in connection with the properties were accessed through Environmental Data Resources (EDR), Inc., a commercial database retrieval company located in Milford, Connecticut. The information provided by EDR is located in Appendix B. Results of the EDR search of available (“reasonably ascertainable”) government records in the proximity of these tracts for the following databases are presented in the following sections. Detailed information regarding the nature and function of these databases is included with the search report in Appendix B.

The property under investigation was not found to be included in any of the databases.

Mapped sites within one-half mile of the site included the following sites:

- 194 Tire – LUST, RCRA-SQG, FINDS
- Boone Industries – RCRA-SQG, FINDS
- Aus-Ben Mfg Industries Inc – FINDS, RCRA-CESQG
- Mack Brown Inc GM Dealer – RCRA-SQG, FINDS

- Highland International Inc – RCRA-NonGen, FINDS
- Carroll Leather Goods Inc. – RCRA NonGen, FINDS

It should be noted that although these sites are located within one-half mile of the proposed project site, the site visit determined that the sites do not appear to impact the proposed project area.

No mapped sites were found in the following databases:

- Federal
  - NPL – National Priority List
  - Proposed NPL – Proposed National Priority List Sites
  - Delisted NPL – National Priority List Deletions
  - NPL LIENS – Federal Superfund Liens
  - CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System
  - CERC-NFRAP – CERCLIS No Further Remedial Action Planned
  - CORRACTS – Corrective Action Report
  - RCRA-TSDF - Resource Conservation and Recovery Act Treatment, Disposal, or Storage Facility
  - RCRA-LQG – Resource Conservation and Recovery Act Large Quantity Generator
  - ERNS – Emergency Response Notification System
  - HMIRS – Hazardous Materials Information Reporting System
  - US ENG CONTROLS – Engineering Controls Sites List
  - US INST CONTROLS – Sites with Institutional Controls
  - FUDS – Formerly Used Defense Sites
  - US BROWNFIELDS – Listing of Brownfield Sites
  - CONSENT – Superfund (CERCLA) Consent Decrees
  - ROD – Record of Decision
  - UMTRA – Uranium Mine Tailings Sites
  - ODI – Open Dump Inventory
  - TRIS – Toxic Chemical Release Inventory System
  - TSCA – Toxic Substances Control Act
  - FTTS – FIFRA/TSCA Tracking System
  - SSTS – Section 7 Tracking System
  - DOT OPS – Incident and Accident Data
  - LIESN 2 – CERCLA Lien Information
  - LUCIS – Land Use Control Information System
  - ICIS – Integrated Compliance Information System
  - RADINFO – Radiation Information Database
  - US CDL – Clandestine Drug Labs
  - HIST FTTS – FIFRA/TSCA Tracking System Administrative Case Listing

- DEBRIS REGION 9 – Torres Martinez Reservation Illegal Dump Site Locations
- PADS – PCB Activity Database System
- MLTS – Material Licensing Tracking System
- MINES – Mines Master Index File
  
- State and Local Records
  - DERR – Division of Emergency & Remedial Response’s Database
  - TOWNGAS – DERR Towngas Database
  - MSL – Master Sites List
  - SWF/LF – Licensed Solid Waste Facilities
  - HIST LF – Old Solid Waste Landfill
  - LUST – Leaking Underground Storage Tank File
  - UST – Underground Storage Tank File
  - ARCHIVE UST – Archived Underground Storage Tank File
  - OH Spills – Emergency Response Database
  - ENG CONTROLS – Sites with Engineering Controls
  - INST CONTROLS – Sites with Institutional Engineering Controls
  - VCP – Voluntary Action Program Sites
  - DRYCLEANERS – Drycleaner Facility Listing
  - BROWNFIELDS – North Carolina Brownfield Inventory
  - CDL – Clandestine Drug Lab Locations
  - NPDES – NPDES General Permit List
  - AIRS – Title V Permits Listing
  - USD – Urban Setting Designation Sites
  - HIST INST CONTROLS – Institutional Controls Database
  - HIST ENG CONTROLS – Operation & Maintenance Agreements Database
  - HIST USD – Urban Setting Designations Database
  
- Tribal Records
  - INDIAN RESERV – Indian Reservations
  - INDIAN LUST – Leaking Underground Storage Tanks on Indian Lands
  - INDIAN UST – Underground Storage Tanks on Indian Lands
  
- EDR Proprietary Historical Databases
  - Manufactured Gas Plants – EDR Proprietary Manufactured Gas Sites

### Orphan Sites

Due to incorrect or unclear address information, not all sites could be plotted by EDR. There were 34 orphan sites noted as unplottable sites reported in the SWF/LF, HIST LF, SHWS, LUST, UST, IMD, LUST TRUST, BROWNFIELDS, AST, US CDL, and NPDES databases. In order to determine if these orphan sites would cause any potential

HTRW concerns on the target properties, information was gathered in order to determine the current compliance status of the orphan sites, the natures of the databases in which the sites were reported, and the locations of the sites in relation to the target properties. Information collected on the orphan sites is summarized in the table following the EDR search reports in Appendix B.

## 2.6 Previous Phase I HTRW Investigations

There are two Phase I HTRW Investigations that have been completed for this project previously. These reports were completed in 2000 and 2004 respectively. In the Recommendations Section of both reports it was noted that no HTRW concerns were noted within the project area and no additional investigations were necessary.

## 2.7 Development of Conclusions and Recommendations

Using the investigative tools outlined above, conclusions and recommendations regarding the potential for contamination were made for this property. Recommendations may include Phase II (a) and/or other intrusive investigations in order to conclusively determine contamination presence. Based on the information obtained, the area was also evaluated for signs which may exhibit potential contamination that would require mitigation measures in accordance with federal and state law, but for which additional HTRW investigations are not recommended at this time.

## 3. INVESTIGATIVE FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

Following the procedures outlined above, a Phase I ESA was performed on the area around the South Fork of the New River in the area of the Boone, NC, Greenway Pedestrian/Bike Trail. The following sections summarize the findings, conclusions, and recommendations for this area. The summary table located at the end of this section summarizes the recommendations for this area.

Mapping showing the area is located in Appendix A. The database records searches prepared by EDR are located in Appendix B. All work was performed in accordance with the Generic QCP and the Supplement to the Generic QC/QA Plan (Appendix C) and the SSHP (Appendix D). Records of the interviews and site assessment questionnaires can be found in Appendix E and color photos from the site visits are located in Appendix F. Additional state provided documentation can be found in Appendix G.

### Recommendation for Boone Section 206 Aquatic Ecosystem Restoration Project Area

Based on the investigative findings and the planned activities for this site, no potential HTRW concerns were noted in the project area. At this time, no additional HTRW Investigations are required.

Due to the unknowns surrounding the groundwater monitoring wells in the project area, if groundwater or signs of contamination are encountered during construction activities, EC-CE shall be notified immediately so that further examination of the situation may take place as needed.

If work plans change to include any additional areas that were not investigated for HTRW concerns during this study, then those areas would require a Phase I HTRW investigation before proceeding.

#### 4. REFERENCES

ASTM E 1527-05, Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

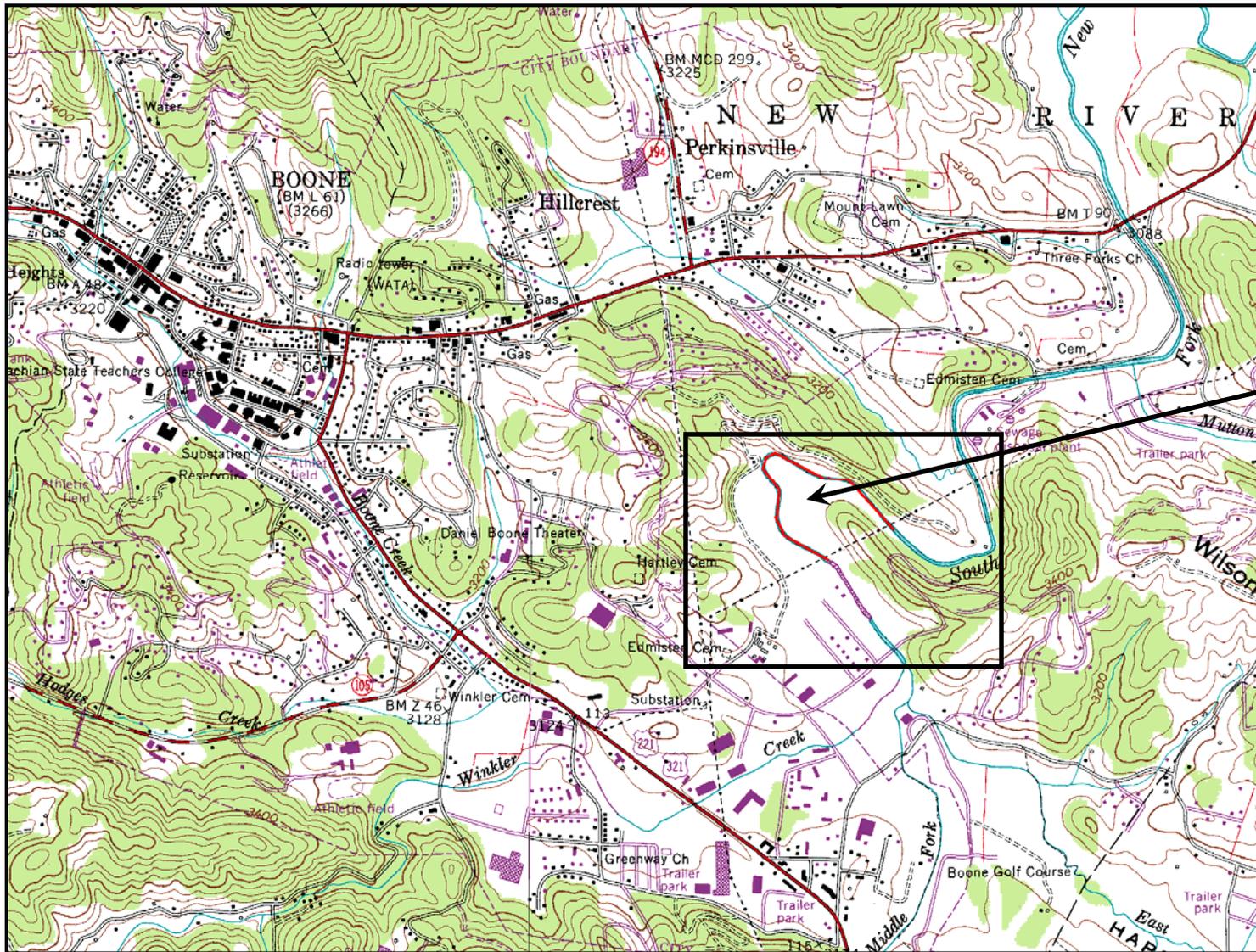
ASTM E 1528-00, Standard Practices for Environmental Site Assessments: Transaction Screening Process.

EM 385-1-1, Safety and Health Requirements Manual

ER 1165-2-132, Hazardous, Toxic, and Radioactive Waste (HTRW) Guidance for Civil Works Projects.

**APPENDIX A**  
**Proposed Site Location and**  
**Topographic Maps**

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Project location outlined in red



**US Army Corps of Engineers**

U. S. ARMY CORPS OF ENGINEERS  
 HUNTINGTON DISTRICT  
 ENVIRONMENTAL & REMEDIATION SECTION

Project Location Map  
 Boone Section 206 Ecosystem Restoration Project  
 Limited Phase I HTRW Investigation



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HUNTINGTON DISTRICT  
ENVIRONMENTAL & REMEDIATION  
SECTION

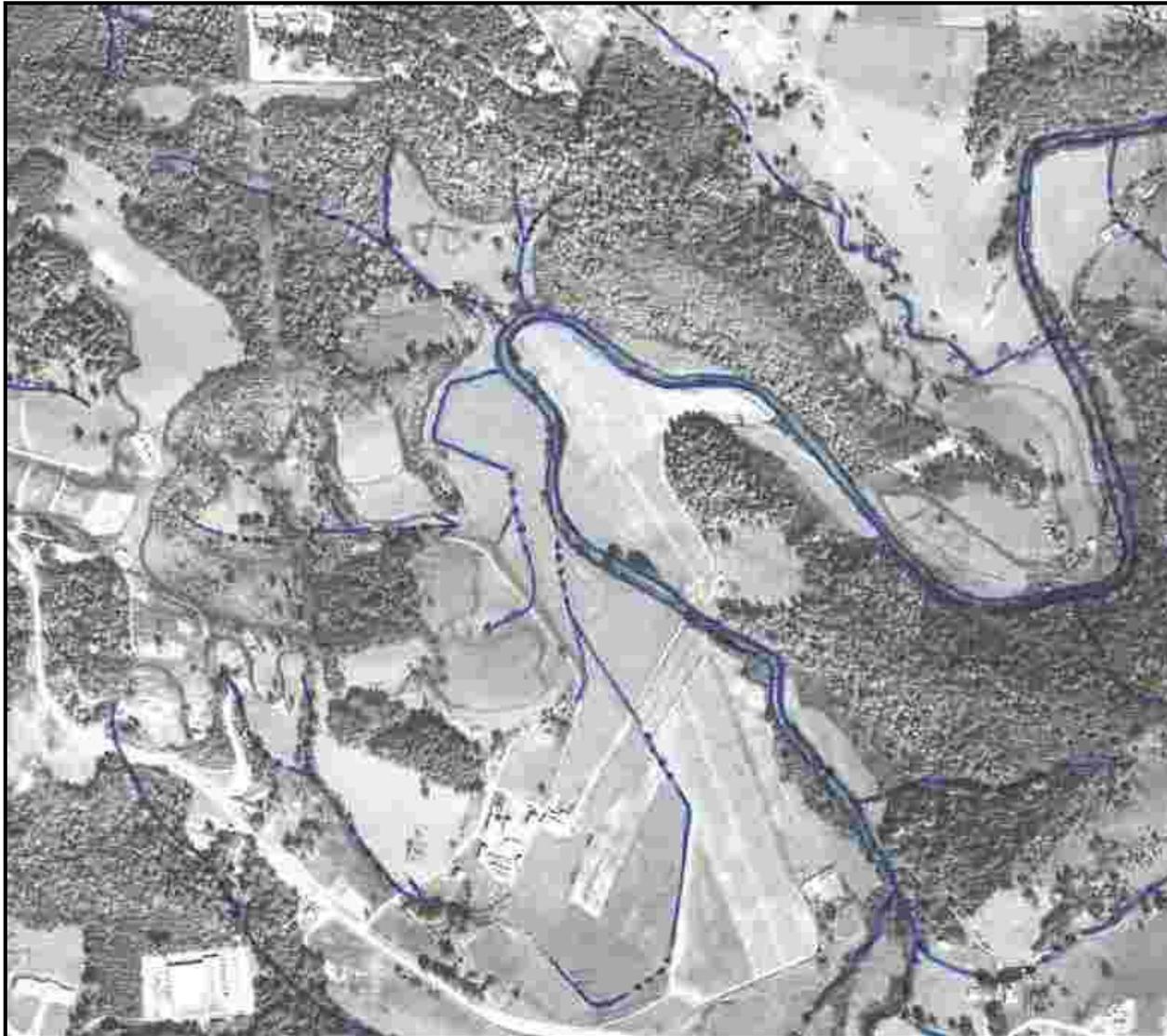
1940 Historical Aerial Photo  
Boone Section 206 Ecosystem Restoration Project  
Limited Phase I HTRW Investigation



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1955 Historical Aerial Photo  
Boone Section 206 Ecosystem Restoration Project  
Limited Phase I HTRW Investigation



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SECTION

1964 Historical Aerial Photo  
Boone Section 206 Ecosystem Restoration Project  
Limited Phase I HTRW Investigation



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1984 Historical Aerial Photo  
Boone Section 206 Ecosystem Restoration Project  
Limited Phase I HTRW Investigation



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HUNTINGTON DISTRICT  
ENVIRONMENTAL & REMEDIATION  
SECTION

Current Aerial Photo

Boone Section 206 Ecosystem Restoration Project  
Limited Phase I HTRW Investigation



# **The EDR Aerial Photo Decade Package**

**Boone-Watauga Sect. 206 Project Area  
Dale Street  
Boone, NC 28607**

**Inquiry Number: 2141825.5**

**February 25, 2008**



**EDR®** Environmental  
Data Resources Inc

## **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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

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***Thank you for your business.***  
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with any questions or comments.

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**Date EDR Searched Historical Sources:**

Aerial Photography February 25, 2008

**Target Property:**

Dale Street

Boone, NC 28607

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1976	Aerial Photograph. Scale: 1"=1000'	Panel #: 2436081-B6/Flight Date: April 01, 1976	EDR
1983	Aerial Photograph. Scale: 1"=1000'	Panel #: 2436081-B6/Flight Date: April 04, 1983	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 2436081-B6/Flight Date: April 08, 1994	EDR



**INQUIRY #:** 2141825.5

**YEAR:** 1976

| = 1000'





**INQUIRY #:** 2141825.5

**YEAR:** 1983

— = 1000'





**INQUIRY #:** 2141825.5

**YEAR:** 1994

| = 750'



# **EDR Historical Topographic Map Report**

**Boone-Watauga Sect. 206 Project Area**

**Dale Street  
Boone, NC 28607**

**Inquiry Number: 2141825.4**

**February 12, 2008**



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# 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  
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# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Boone-Watauga	CLIENT:	U.S. Army Corps of Engineers
	NAME: CRANBERRY	ADDRESS:	Sect. 206 Project	CONTACT:	Nick McHenry
	MAP YEAR: 1902	LAT/LONG:	Dale Street	INQUIRY#:	2141825.4
	SERIES: 30		Boone, NC 28607	RESEARCH DATE:	02/12/2008
	SCALE: 1:125000				

# Historical Topographic Map



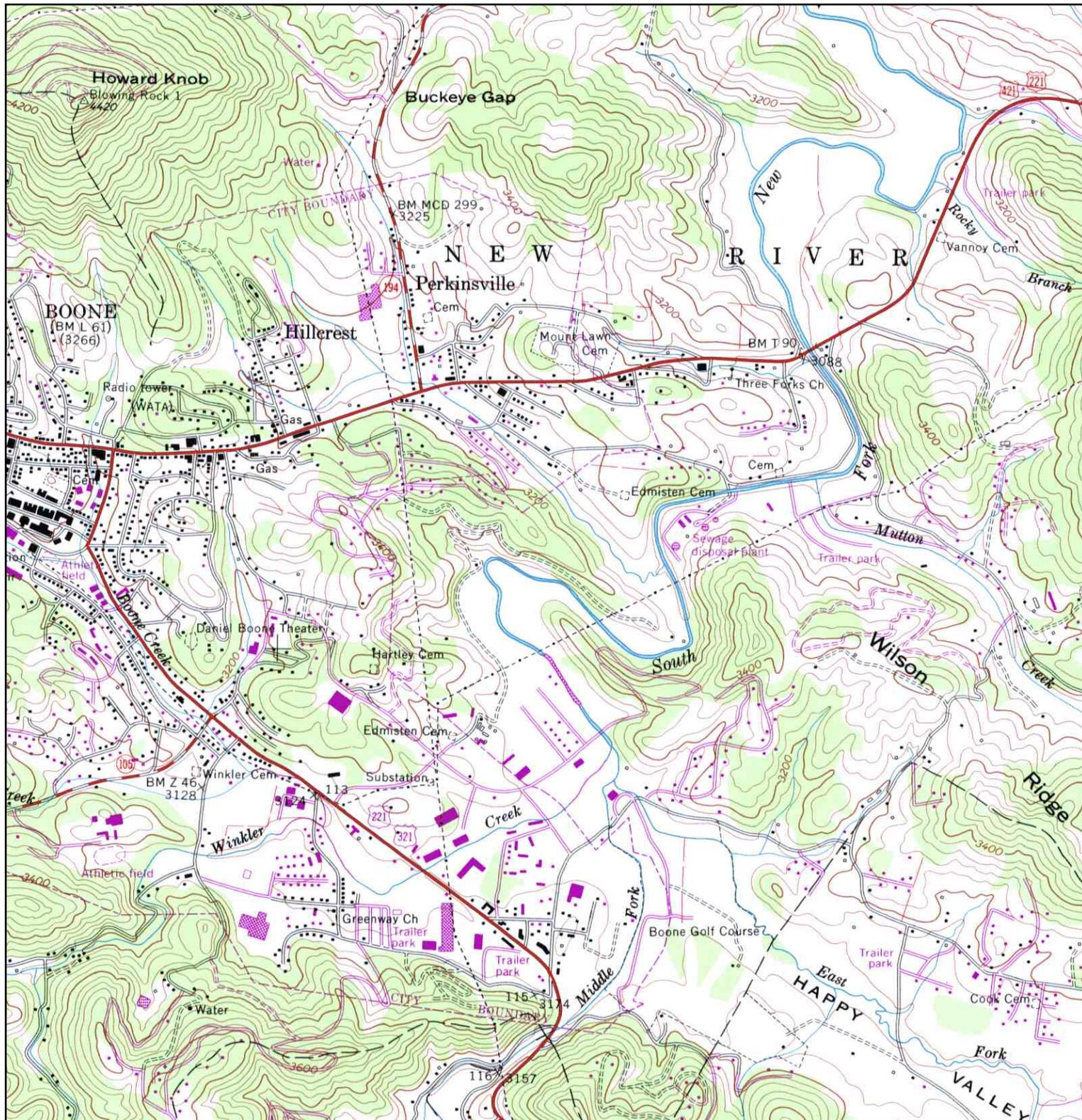
<p>N</p> 	TARGET QUAD	SITE NAME:	Boone-Watauga	CLIENT:	U.S. Army Corps of Engineers
	NAME: BLOWING ROCK	ADDRESS:	Sect. 206 Project	CONTACT:	Nick McHenry
	MAP YEAR: 1942	ADDRESS:	Dale Street	INQUIRY#:	2141825.4
	SERIES: 15	LAT/LONG:	Boone, NC 28607	RESEARCH DATE:	02/12/2008
	SCALE: 1:62500				

# Historical Topographic Map



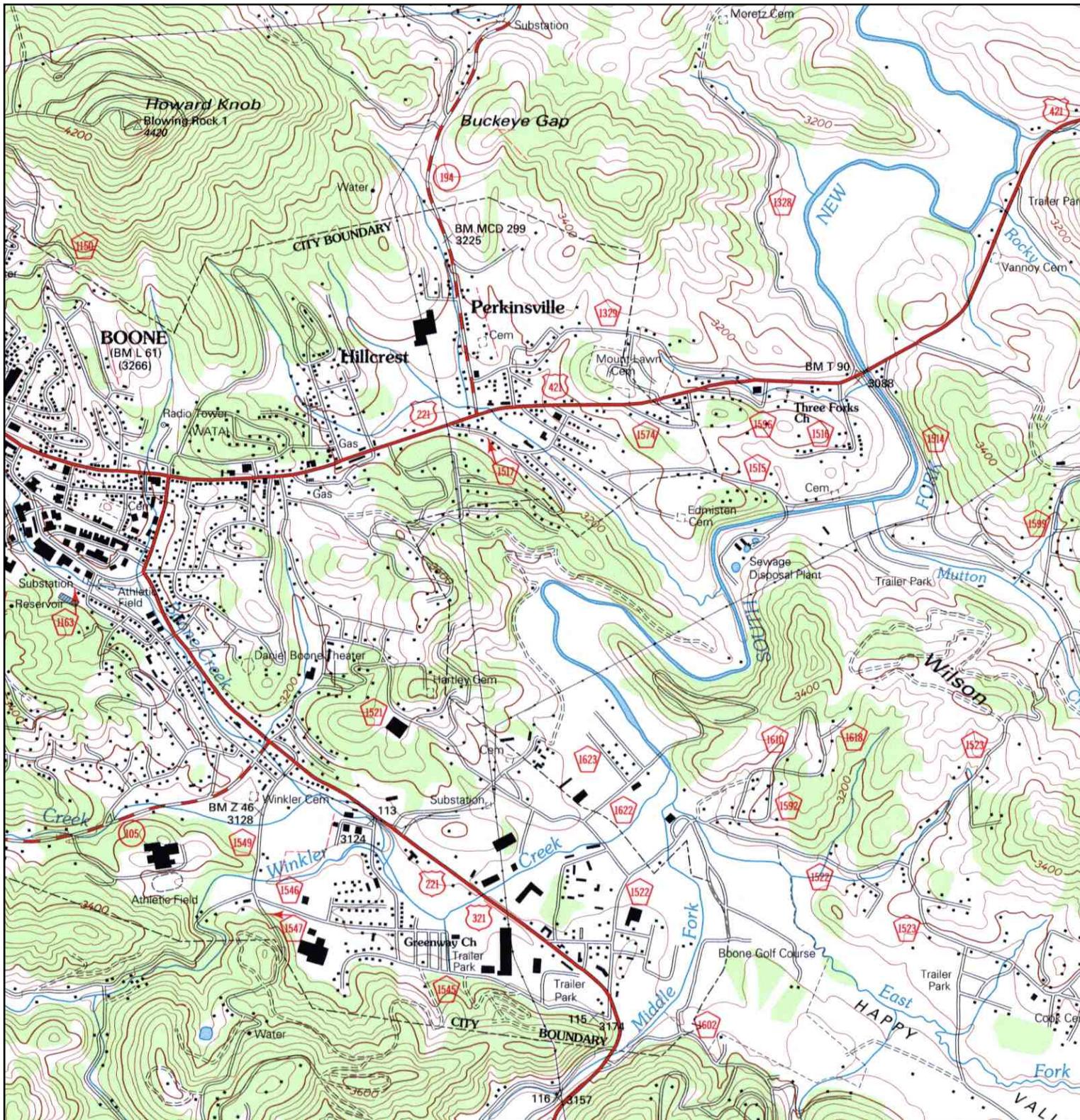
<p>N</p> 	TARGET QUAD	SITE NAME:	Boone-Watauga	CLIENT:	U.S. Army Corps of Engineers
	NAME: BOONE	ADDRESS:	Sect. 206 Project	CONTACT:	Nick McHenry
	MAP YEAR: 1959	LAT/LONG:	36.2111 / 81.6547	INQUIRY#:	2141825.4
	SERIES: 7.5			RESEARCH DATE:	02/12/2008
	SCALE: 1:24000				

# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Boone-Watauga	CLIENT:	U.S. Army Corps of Engineers
	NAME: BOONE	ADDRESS:	Dale Street	CONTACT:	Nick McHenry
	MAP YEAR: 1978	LAT/LONG:	36.2111 / 81.6547	INQUIRY#:	2141825.4
	PHOTOREVISED FROM: 1959			RESEARCH DATE:	02/12/2008
	SERIES: 7.5				
	SCALE: 1:24000				

# Historical Topographic Map



<p>N</p> 	TARGET QUAD	SITE NAME:	Boone-Watauga	CLIENT:	U.S. Army Corps of Engineers
	NAME: BOONE	ADDRESS:	Sect. 206 Project	CONTACT:	Nick McHenry
	MAP YEAR: 1994	LAT/LONG:	Dale Street	INQUIRY#:	2141825.4
	SERIES: 7.5		Boone, NC 28607	RESEARCH DATE:	02/12/2008
	SCALE: 1:24000				

**APPENDIX B**  
**Environmental Database Reports**

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**EDR**® Environmental  
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## **The EDR Radius Map with GeoCheck®**

**Boone-Watauga Sect. 206 Project Area  
Dale Street  
Boone, NC 28607**

**Inquiry Number: 2141825.2s**

**February 12, 2008**

### **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
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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

DALE STREET  
BOONE, NC 28607

#### COORDINATES

Latitude (North): 36.211110 - 36° 12' 40.0"  
Longitude (West): 81.654650 - 81° 39' 16.7"  
Universal Transverse Mercator: Zone 17  
UTM X (Meters): 441153.8  
UTM Y (Meters): 4007361.5  
Elevation: 3066 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36081-B6 BOONE, NC  
Most Recent Revision: 1994

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

#### FEDERAL RECORDS

**NPL**..... National Priority List  
**Proposed NPL**..... Proposed National Priority List Sites  
**Delisted NPL**..... National Priority List Deletions  
**NPL LIENS**..... Federal Superfund Liens  
**CERCLIS**..... Comprehensive Environmental Response, Compensation, and Liability Information System  
**CERC-NFRAP**..... CERCLIS No Further Remedial Action Planned  
**LIENS 2**..... CERCLA Lien Information  
**CORRACTS**..... Corrective Action Report  
**RCRA-TSDF**..... RCRA - Transporters, Storage and Disposal  
**RCRA-LQG**..... RCRA - Large Quantity Generators

## EXECUTIVE SUMMARY

<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>DOT OPS</b>	Incident and Accident Data
<b>US CDL</b>	Clandestine Drug Labs
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>LUCIS</b>	Land Use Control Information System
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>DEBRIS REGION 9</b>	Torres Martinez Reservation Illegal Dump Site Locations
<b>MINES</b>	Mines Master Index File
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>HIST FTTS</b>	FIFRA/TSCA Tracking System Administrative Case Listing
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>RADINFO</b>	Radiation Information Database
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SHWS</b>	Inactive Hazardous Sites Inventory
<b>NC HSDS</b>	Hazardous Substance Disposal Site
<b>OLI</b>	Old Landfill Inventory
<b>INST CONTROL</b>	No Further Action Sites With Land Use Restrictions Monitoring
<b>VCP</b>	Responsible Party Voluntary Action Sites
<b>DRYCLEANERS</b>	Drycleaning Sites
<b>BROWNFIELDS</b>	Brownfields Projects Inventory
<b>NPDES</b>	NPDES Facility Location Listing

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
<b>INDIAN LUST</b>	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b>	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

## EXECUTIVE SUMMARY

### FEDERAL RECORDS

**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 09/11/2007 has revealed that there are 3 RCRA-SQG sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOONE INDUSTRIES INC</b>	<b>CASTLE FORD RD</b>	<b>1/4 - 1/2 SSW</b>	<b>A2</b>	<b>8</b>
<b>MACK BROWN INC GM DEALER</b>	<b>HWY 421 E</b>	<b>1/4 - 1/2 SSW</b>	<b>A4</b>	<b>13</b>
A CLEANER WORLD NO. 108	130 NEW MARKET BL	1/2 - 1 NW	33	69

**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 09/11/2007 has revealed that there are 3 RCRA-CESQG sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>AUS-BEN MFG INDUSTRIES INC</b>	<b>RTE 3 BOX 503 CHURCH RD</b>	<b>1/4 - 1/2 SSW</b>	<b>A3</b>	<b>10</b>
<b>APPALACHIAN STATE UNIV</b>	<b>265 DALE ST</b>	<b>1/4 - 1/2 SSW</b>	<b>B9</b>	<b>29</b>
JIMMY SMITH WASTEWATER TREATME	201 CASEY LN	1/2 - 1 ENE	E17	42

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/11/2007 has revealed that there are 2 RCRA-NonGen sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>HIGHLAND INTERNATIONAL INC</b>	<b>GEORGE WILSON ROAD</b>	<b>1/4 - 1/2 SSW</b>	<b>A5</b>	<b>17</b>
<b>CARROLL LEATHER GOODS INC</b>	<b>HWY 421 E</b>	<b>1/4 - 1/2 SSW</b>	<b>A6</b>	<b>18</b>

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal

## EXECUTIVE SUMMARY

Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 10/18/2007 has revealed that there are 6 FINDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOONE INDUSTRIES INC</b>	<b>CASTLE FORD RD</b>	<b>1/4 - 1/2 SSW</b>	<b>A2</b>	<b>8</b>
<b>AUS-BEN MFG INDUSTRIES INC</b>	<b>RTE 3 BOX 503 CHURCH RD</b>	<b>1/4 - 1/2 SSW</b>	<b>A3</b>	<b>10</b>
<b>MACK BROWN INC GM DEALER</b>	<b>HWY 421 E</b>	<b>1/4 - 1/2 SSW</b>	<b>A4</b>	<b>13</b>
<b>HIGHLAND INTERNATIONAL INC</b>	<b>GEORGE WILSON ROAD</b>	<b>1/4 - 1/2 SSW</b>	<b>A5</b>	<b>17</b>
<b>CARROLL LEATHER GOODS INC</b>	<b>HWY 421 E</b>	<b>1/4 - 1/2 SSW</b>	<b>A6</b>	<b>18</b>
<b>APPALACHIAN STATE UNIV</b>	<b>265 DALE ST</b>	<b>1/4 - 1/2 SSW</b>	<b>B9</b>	<b>29</b>

### STATE AND LOCAL RECORDS

**IMD:** Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 25 IMD sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>194 TIRE</b>	<b>NC 194</b>	<b>1/4 - 1/2 SSW</b>	<b>A1</b>	<b>6</b>
<b>DALE PROPERTY</b>	<b>198 DALE STREET</b>	<b>1/4 - 1/2 SSW</b>	<b>B10</b>	<b>32</b>
<b>COOKE PROPERTY (JOHNNY)</b>	<b>660 STATE FARM ROAD</b>	<b>1/2 - 1 SW</b>	<b>C13</b>	<b>36</b>
<b>LEONARD PROPERTY (WILLIAM)</b>	<b>140 COLE STREET</b>	<b>1/2 - 1 NNE</b>	<b>D15</b>	<b>39</b>
<b>VERMONT AMERICAN CORP.</b>	<b>STATE FARM RD.</b>	<b>1/2 - 1 WSW</b>	<b>19</b>	<b>45</b>
<b>SERVCO-EAST KING ST.</b>	<b>1500 EAST KING STREET</b>	<b>1/2 - 1 NNW</b>	<b>F23</b>	<b>52</b>
<b>NCDOT-SERVICE DISTRIBUTING CO.</b>	<b>1500 EAST KING ST.</b>	<b>1/2 - 1 NNW</b>	<b>F24</b>	<b>53</b>
<b>FINE LINE'S INC.</b>	<b>US 421</b>	<b>1/2 - 1 NNW</b>	<b>26</b>	<b>57</b>
<b>NCDOT-HARDY PROPERTY</b>	<b>1604 CHEROKEE ST.</b>	<b>1/2 - 1 NNW</b>	<b>G29</b>	<b>61</b>
<b>WATAUGA BUILDING SUPPLY</b>	<b>400 NC HWY 105</b>	<b>1/2 - 1 W</b>	<b>H31</b>	<b>65</b>
<b>PANTRY #147</b>	<b>1056 EAST KING ST.</b>	<b>1/2 - 1 WNW</b>	<b>J37</b>	<b>76</b>
<b>WATAUGA READY MIX CORP.</b>	<b>WOOD CIRCLE</b>	<b>1/2 - 1 WNW</b>	<b>J39</b>	<b>78</b>
<b>BOONE TIRE CENTER</b>	<b>1100 BLOWING ROCK ROAD</b>	<b>1/2 - 1 SW</b>	<b>K40</b>	<b>80</b>
<b>TRU BUY #50 (PANTRY#3789)</b>	<b>1778 BLOWING ROCK ROAD</b>	<b>1/2 - 1 SSW</b>	<b>L42</b>	<b>84</b>
<b>DOLLAR MART #7</b>	<b>HWY 221 / 321</b>	<b>1/2 - 1 WNW</b>	<b>J44</b>	<b>90</b>
<b>HOLIDAY BP - LOWES</b>	<b>1801 BLOWING ROCK RD.</b>	<b>1/2 - 1 SSW</b>	<b>L45</b>	<b>91</b>
<b>APPALACHIAN EXXON (FMR BLUE RI</b>	<b>1023 BLOWING ROCK ROAD</b>	<b>1/2 - 1 WSW</b>	<b>46</b>	<b>93</b>
<b>WATAUGA READY MIX CORP.</b>	<b>HWY 321 SOUTH</b>	<b>1/2 - 1 SSW</b>	<b>L47</b>	<b>95</b>
<b>JONES PROPERTY -SHERATON</b>	<b>US 321-221 / NC 105</b>	<b>1/2 - 1 WSW</b>	<b>M48</b>	<b>97</b>
<b>WENDY'S-BOONE</b>	<b>HWY 321 / 105</b>	<b>1/2 - 1 WSW</b>	<b>M49</b>	<b>99</b>
<b>PANTRY #410, THE</b>	<b>801 BLOWING ROCK ROAD</b>	<b>1/2 - 1 WSW</b>	<b>M51</b>	<b>100</b>
<b>TONY'S INC.</b>	<b>1980 BLOWING ROCK RD.</b>	<b>1/2 - 1 S</b>	<b>52</b>	<b>103</b>
<b>FOSCOE FIRE DEPT.</b>	<b>RT. 105</b>	<b>1/2 - 1 WSW</b>	<b>53</b>	<b>105</b>
<b>WATA RADIO STATION</b>	<b>738 BLOWING ROCK RD.</b>	<b>1/2 - 1 WSW</b>	<b>N54</b>	<b>107</b>
<b>KERN'S BAKERIES-BOONE</b>	<b>641 BLOWING ROCK RD.</b>	<b>1/2 - 1 WSW</b>	<b>56</b>	<b>109</b>

## EXECUTIVE SUMMARY

**SWF/LF:** The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environment & Natural Resources' List of Solid Waste Facility Contacts in Alpha Order.

A review of the SWF/LF list, as provided by EDR, and dated 01/22/2008 has revealed that there is 1 SWF/LF site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>APPALACHIAN STATE UNIVERSITY</b>	<b>265 DALE STREET</b>	<b>1/4 - 1/2 SSW</b>	<b>B8</b>	<b>26</b>

**HIST LF:** A listing of solid waste facilities.

A review of the HIST LF list, as provided by EDR, and dated 11/06/2006 has revealed that there is 1 HIST LF site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>APPALACHIAN STATE UNIVERSITY</b>	<b>265 DALE STREET</b>	<b>1/4 - 1/2 SSW</b>	<b>B8</b>	<b>26</b>

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

A review of the LUST list, as provided by EDR, and dated 11/30/2007 has revealed that there are 23 LUST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>194 TIRE</b>	<b>NC 194</b>	<b>1/4 - 1/2 SSW</b>	<b>A1</b>	<b>6</b>
<b>DALE PROPERTY</b>	<b>198 DALE STREET</b>	<b>1/4 - 1/2 SSW</b>	<b>B10</b>	<b>32</b>
<b>COOKE PROPERTY (JOHNNY)</b>	<b>660 STATE FARM ROAD</b>	<b>1/2 - 1 SW</b>	<b>C13</b>	<b>36</b>
<b>LEONARD PROPERTY (WILLIAM)</b>	<b>140 COLE STREET</b>	<b>1/2 - 1 NNE</b>	<b>D15</b>	<b>39</b>
<b>VERMONT AMERICAN CORP.</b>	<b>STATE FARM RD.</b>	<b>1/2 - 1 WSW</b>	<b>19</b>	<b>45</b>
<b>NC DOT - SERVICE DISTRIBUTING C</b>	<b>1500 E. KING ST.</b>	<b>1/2 - 1 NNW</b>	<b>F25</b>	<b>55</b>
<b>FINE LINE'S INC.</b>	<b>US 421</b>	<b>1/2 - 1 NNW</b>	<b>26</b>	<b>57</b>
<b>NC DOT-HARDY PROPERTY</b>	<b>1604 CHEROKEE ST.</b>	<b>1/2 - 1 NNW</b>	<b>G29</b>	<b>61</b>
<b>WATAUGA BUILDING SUPPLY. INC.</b>	<b>400 HIGHWAY 105 EXTENSI</b>	<b>1/2 - 1 W</b>	<b>H30</b>	<b>63</b>
<b>PANTRY #140-B</b>	<b>1218 STATE FARM RD.</b>	<b>1/2 - 1 S</b>	<b>I34</b>	<b>70</b>
<b>PANTRY #147</b>	<b>1056 EAST KING ST.</b>	<b>1/2 - 1 WNW</b>	<b>J37</b>	<b>76</b>
<b>WATAUGA READY MIX CORP.</b>	<b>WOOD CIRCLE</b>	<b>1/2 - 1 WNW</b>	<b>J39</b>	<b>78</b>
<b>BOONE TIRE CENTER</b>	<b>1100 BLOWING ROCK ROAD</b>	<b>1/2 - 1 SW</b>	<b>K40</b>	<b>80</b>
<b>TRU BUY #50 (PANTRY#3789)</b>	<b>1778 BLOWING ROCK ROAD</b>	<b>1/2 - 1 SSW</b>	<b>L41</b>	<b>83</b>
<b>DOLLAR MART 7</b>	<b>1055 BLOWING ROCK RD</b>	<b>1/2 - 1 WSW</b>	<b>K43</b>	<b>86</b>
<b>HOLIDAY BP - LOWES</b>	<b>1801 BLOWING ROCK RD.</b>	<b>1/2 - 1 SSW</b>	<b>L45</b>	<b>91</b>
<b>APPALACHIAN EXXON (FMR BLUE RI</b>	<b>1023 BLOWING ROCK ROAD</b>	<b>1/2 - 1 WSW</b>	<b>46</b>	<b>93</b>
<b>JONES PROPERTY -SHERATON</b>	<b>US 321-221 / NC 105</b>	<b>1/2 - 1 WSW</b>	<b>M48</b>	<b>97</b>
<b>PANTRY #410, THE</b>	<b>801 BLOWING ROCK ROAD</b>	<b>1/2 - 1 WSW</b>	<b>M51</b>	<b>100</b>
<b>TONY'S INC.</b>	<b>1980 BLOWING ROCK RD.</b>	<b>1/2 - 1 S</b>	<b>52</b>	<b>103</b>
<b>FOSCOE FIRE DEPT.</b>	<b>RT. 105</b>	<b>1/2 - 1 WSW</b>	<b>53</b>	<b>105</b>
<b>WATA RADIO</b>	<b>738 BLOWING ROCK ROAD</b>	<b>1/2 - 1 WSW</b>	<b>N55</b>	<b>108</b>
<b>KERN'S BAKERIES-BOONE</b>	<b>641 BLOWING ROCK RD.</b>	<b>1/2 - 1 WSW</b>	<b>56</b>	<b>109</b>

## EXECUTIVE SUMMARY

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

A review of the LUST TRUST list, as provided by EDR, and dated 11/02/2007 has revealed that there are 7 LUST TRUST sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DALE PROPERTY</b>	<b>198 DALE STREET</b>	<b>1/4 - 1/2 SSW</b>	<b>B10</b>	<b>32</b>
GLEN WILDE, LLC	660 STATE FARM RD	1/2 - 1 SW	C12	36
LEONARD PROPERTY	140 COLE STREET	1/2 - 1 NNE	D16	41
THE PANTRY #147	1056 EAST KING STREET	1/2 - 1 WNW	J38	78
<b>TRU BUY #50 (PANTRY#3789)</b>	<b>1778 BLOWING ROCK ROAD</b>	<b>1/2 - 1 SSW</b>	<b>L41</b>	<b>83</b>
<b>DOLLAR MART #7</b>	<b>HWY 221 / 321</b>	<b>1/2 - 1 WNW</b>	<b>J44</b>	<b>90</b>
PANTRY #410	801 BLOWING ROCK ROAD	1/2 - 1 WSW	M50	100

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

A review of the UST list, as provided by EDR, and dated 08/31/2007 has revealed that there are 12 UST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PHYSICAL PLANT	265 DALE ST	1/4 - 1/2 SSW	B7	20
<b>APPALACHIAN STATE UNIVERSITY</b>	<b>265 DALE STREET</b>	<b>1/4 - 1/2 SSW</b>	<b>B8</b>	<b>26</b>
BOONE ARMORY	274 HUNTING HILLS LN	1/2 - 1 SSE	11	35
VERMONT AMERICAN CORPORATION	665 STATE FARM ROAD	1/2 - 1 SW	C14	38
BOONE WASTE-WATER PLANT	201 CASEY LN	1/2 - 1 ENE	E18	44
JONES' MINUTE MARKET	101 JEFFERSON DRIVE	1/2 - 1 NNW	F20	48
KERN'S BAKERY WAREHOUSE	1512 E. KING STREET	1/2 - 1 NNW	F22	51
ED HARDY TRASH CO INC.	1604 CHEROKEE ST.	1/2 - 1 NNW	G28	59
<b>WATAUGA BUILDING SUPPLY. INC.</b>	<b>400 HIGHWAY 105 EXTENSI</b>	<b>1/2 - 1 W</b>	<b>H30</b>	<b>63</b>
THE PANTRY 140	1218 STATE FARM ROAD	1/2 - 1 S	I32	66
SHADOWLINE. INCORPORATED	241 SHADOWLINE ROAD	1/2 - 1 SW	35	72
WOOD MASONARY SUPPLY INC	1208 E KING STREET	1/2 - 1 NW	36	74

**AST:** The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environment, Health, & Natural Resources' Petroleum Aboveground Storage Tank Database.

A review of the AST list, as provided by EDR, and dated 10/26/2007 has revealed that there are 2 AST sites within approximately 0.75 miles of the target property.

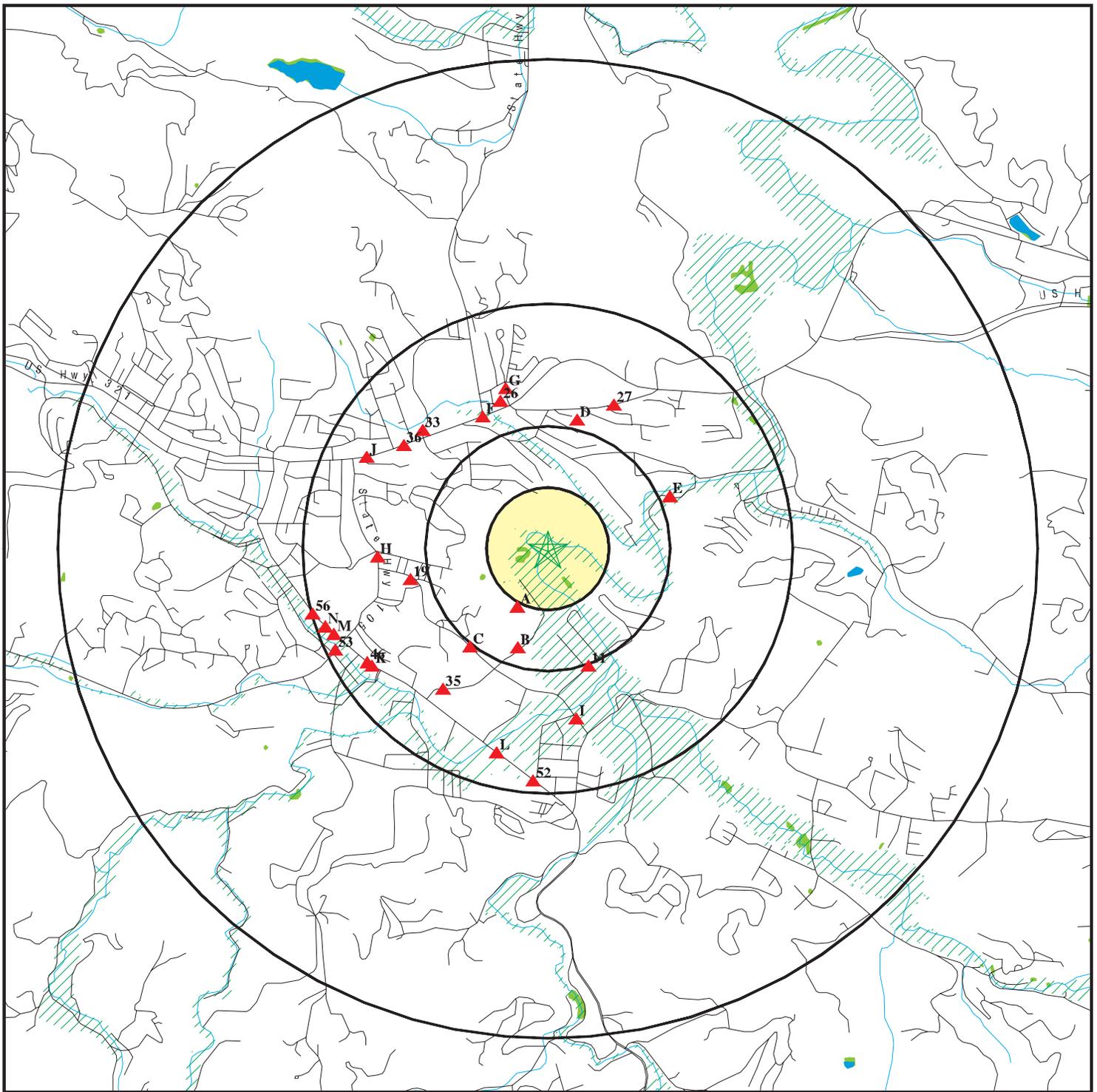
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MOUNTAIN OIL INC	101 JEFFERSON DR	1/2 - 1 NNW	F21	51
HODGES & KLUTZ OIL INC	2019 1/2 E KING ST	1/2 - 1 NNE	27	59

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
WATAUGA COUNTY C&D LANDFILL	SWF/LF, HIST LF
VERMONT AMERICAN	SHWS
VULCAN - BOONE QUARRY	LUST
NCDOT - BOONE	LUST
BLUE RIDGE EMC - BOONE	LUST
BOONE NISSAN	LUST, UST, IMD
NC DOT - BOONE (BRIDGE YD)	LUST, IMD
BOONE CHURCH OF CHRIST	LUST, UST
421 GROCERY -A	LUST, IMD
PANTRY #140	LUST
FOSCOE CASH STORE	LUST, UST
NC DOT - BOONE FACILITY	LUST TRUST
194 TIRE	LUST TRUST
THE PANTRY 234	UST
DOLLAR MART 2	UST
COCA-COLA BOTTLING COMPANY AF	UST
JONES MINIT MART	UST
IN-N-OUT	UST
421 GROCERY / HAYES OIL	UST
CALDWELL COMMUNITY COLLEGE	UST
FOSCOE COUNTRY CORNER	UST
STATE FARM ROAD	BROWNFIELDS
MOUNTAIN OIL, INC.	AST
NECESSARY OIL COMPANY SPILL AT	IMD
VULCAN MATERIALS CO-BOONE	IMD
NC DOT - SITE #38 BROWN BROTHE	IMD
FRA-MAR, INC.	IMD
421 GROCERY -B	IMD
434 HIGHWAY 105	US CDL
HIDDEN VALLEY WWTP	NPDES
ART PLAZA WWTP	NPDES
LAUREL SEASONS WWTP	NPDES
PARKWAY ELEMENTARY SCHOOL	NPDES
VALLE LANDING SHOPPING CENTER WWTP	NPDES

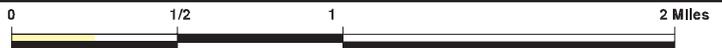
# OVERVIEW MAP - 2141825.2s



- ★ 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
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

- Hazardous Substance Disposal Sites

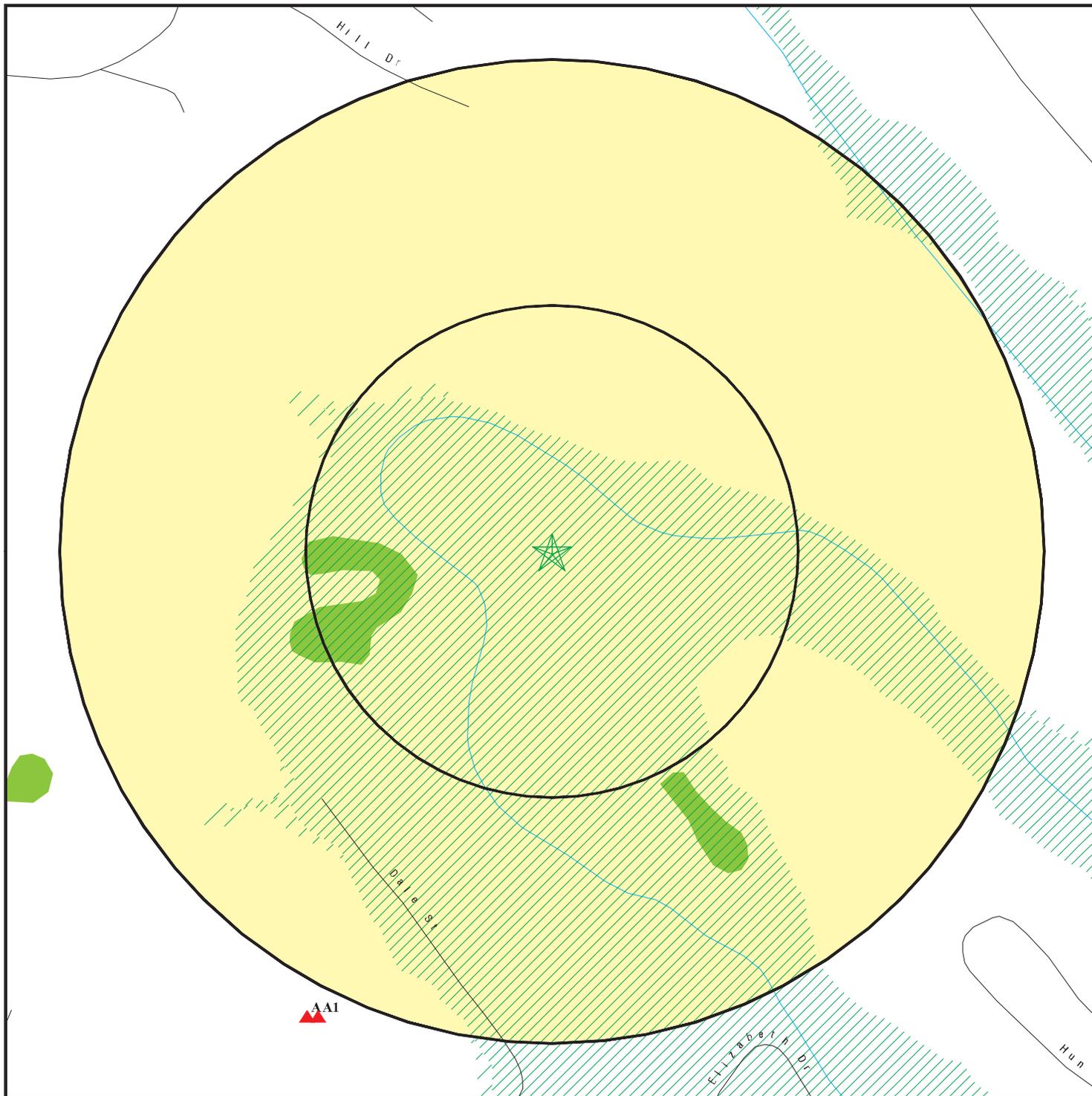


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Boone-Watauga Sect. 206 Project Area  
 ADDRESS: Dale Street  
 Boone NC 28607  
 LAT/LONG: 36.2111 / 81.6547

CLIENT: U.S. Army Corps of Engineers  
 CONTACT: Nick McHenry  
 INQUIRY #: 2141825.2s  
 DATE: February 12, 2008 9:49 am

# DETAIL MAP - 2141825.2s



- ★ 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
- ▨ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

- ▨ Hazardous Substance Disposal Sites

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

SITE NAME: Boone-Watauga Sect. 206 Project Area  
 ADDRESS: Dale Street  
 Boone NC 28607  
 LAT/LONG: 36.2111 / 81.6547

CLIENT: U.S. Army Corps of Engineers  
 CONTACT: Nick McHenry  
 INQUIRY #: 2141825.2s  
 DATE: February 12, 2008 9:49 am

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
NPL LIENS		0.500	0	0	0	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		1.000	0	0	0	0	NR	0
LIENS 2		0.500	0	0	0	NR	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA-TSDF		1.000	0	0	0	0	NR	0
RCRA-LQG		0.750	0	0	0	0	NR	0
RCRA-SQG		0.750	0	0	2	1	NR	3
RCRA-CESQG		0.750	0	0	2	1	NR	3
RCRA-NonGen		0.500	0	0	2	NR	NR	2
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
DOT OPS		0.500	0	0	0	NR	NR	0
CDL		0.500	0	0	0	NR	NR	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
LUCIS		1.000	0	0	0	0	NR	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
HIST FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
ICIS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
RADINFO		0.500	0	0	0	NR	NR	0
FINDS		0.500	0	0	6	NR	NR	6
RAATS		0.500	0	0	0	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		1.500	0	0	0	0	0	0
NC HSDS		1.500	0	0	0	0	0	0
IMD		1.000	0	0	2	23	NR	25
State Landfill		1.000	0	0	1	0	NR	1
OLI		1.000	0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST LF		1.000	0	0	1	0	NR	1
LUST		1.000	0	0	2	21	NR	23
LUST TRUST		1.000	0	0	1	6	NR	7
UST		0.750	0	0	2	10	NR	12
AST		0.750	0	0	0	2	NR	2
INST CONTROL		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
BROWNFIELDS		1.000	0	0	0	0	NR	0
NPDES		0.500	0	0	0	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.500	0	0	0	0	0	0
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.500	0	0	0	0	0	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A1**  
**SSW**  
**1/4-1/2**  
**1396 ft.**

**194 TIRE**  
**NC 194**  
**BOONE, NC**

**LUST** **S101403987**  
**IMD** **N/A**

**Site 1 of 6 in cluster A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3180 ft.**

Facility ID: 0-002532  
 Incident Number: 13580  
 Lat/Long: 361427 813623  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: BEALL OIL  
 Contact Person: ALLEN TRIVETTE &  
 Telephone: Not reported  
 RP Address: P.O. BOX 2400  
 RP City,St,Zip: LENOIR, NC 28645-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: H  
 Risk Class Based On Review: H  
 Corrective Action Plan Type: AE  
 Level Of Soil Cleanup Achieved: Not reported  
 Tank Regulated Status: R  
 Contamination Type: Groundwater/Both  
 Source Type: Leak-underground  
 Date Reported: 12/2/1994  
 NOV Issue Date: Not reported  
 Site Priority: B090  
 Site Risk Reason: Not reported  
 Closure Request: Not reported  
 Close Out: Not reported  
 MTBE: No  
 Flag: No  
 LUR Filed: Not reported  
 GPS Confirmed: 3  
 Current Status: File Located in House  
 PETOPT: 3  
 CD Num: 0  
 RPOW: False  
 Error Flag: 0  
 Error Code: N  
 Last Modified: Not reported  
**Incident Phase: Response**  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Signed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported  
 Comments: Not reported

UST Number: WS-4094  
 Lat/Long Decimal: 36.240870000000001 81.65625

Product Type: PETROLEUM  
 Date Occur: 1/23/1995  
 NORR Issue Date: 10/13/1995  
 Phase Of LSA Req: Not reported  
 Land Use: Not reported  
 # Of Supply Wells: 0  
 MTBE1: Unknown  
 Flag1: No  
 Release Detection: 0  
 Cleanup: 1/23/1995  
 RBCA GW: Not reported  
 RPL: False  
 Reel Num: 0  
 RPOP: False  
 Valid: False

IMD:

Region: WS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

194 TIRE (Continued)

S101403987

Facility ID: 13580  
Date Occurred: 12/2/1994  
Submit Date: 3/15/1995  
GW Contam: Not reported  
Soil Contam: Yes  
Incident Desc: SAMPLING & BORING CONFIRMED SOIL CONTAMINATION.  
Operator: ALLEN TRIVETTE  
Contact Phone: Not reported  
Owner Company: BEALL OIL  
Operator Address:P.O. BOX 2400  
Operator City: LENOIR  
Oper City,St,Zip: LENOIR, NC 28645  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Rural  
Risk Site: Yes  
Site Priority: 090B  
Priority Code: H  
Priority Update: 5/30/1998  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: F75  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 13580  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A2**  
**SSW**  
**1/4-1/2**  
**1409 ft.**

**BOONE INDUSTRIES INC**  
**CASTLE FORD RD**  
**BOONE, NC 28607**

**RCRA-SQG** **1000869403**  
**FINDS** **NCD986232312**

**Site 2 of 6 in cluster A**

**Relative:**  
**Higher**

**RCRA-SQG:**

**Actual:**  
**3184 ft.**

Date form received by agency: 07/26/1993  
 Facility name: BOONE INDUSTRIES INC  
 Facility address: CASTLE FORD RD  
 BOONE, NC 28607  
 EPA ID: NCD986232312  
 Mailing address: PO BOX 424  
 BOONE, NC 28607  
 Contact: JD SMITH  
 Contact address: PO BOX 424  
 BOONE, NC 28607  
 Contact country: US  
 Contact telephone: (704) 264-7913  
 Contact email: Not reported  
 EPA Region: 04  
 Land type: Private  
 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: BK DORSEY  
 Owner/operator address: PO BOX 424  
 BOONE, NC 28607  
 Owner/operator country: Not reported  
 Owner/operator telephone: (704) 264-7913  
 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: Unknown  
 Mixed waste (haz. and radioactive): Unknown  
 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: Unknown  
 Furnace exemption: Unknown  
 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  
 Off-site waste receiver: Commercial status unknown

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOONE INDUSTRIES INC (Continued)**

**1000869403**

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: D035  
Waste name: METHYL ETHYL KETONE

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.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: SR - 262.40(a)  
Area of violation: Generators - Records/Reporting  
Date violation determined: 03/21/1995  
Date achieved compliance: 04/19/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/21/1995  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(d)(2)(5)(ii)(iii),  
Area of violation: Generators - Pre-transport  
Date violation determined: 03/21/1995  
Date achieved compliance: 04/19/1995  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/21/1995

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOONE INDUSTRIES INC (Continued)**

**1000869403**

Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 04/19/1995  
 Evaluation: COMPLIANCE SCHEDULE EVALUATION  
 Area of violation: Generators - Pre-transport  
 Date achieved compliance: 04/19/1995  
 Evaluation lead agency: State

Evaluation date: 04/19/1995  
 Evaluation: COMPLIANCE SCHEDULE EVALUATION  
 Area of violation: Generators - Records/Reporting  
 Date achieved compliance: 04/19/1995  
 Evaluation lead agency: State

Evaluation date: 03/21/1995  
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Area of violation: Generators - Pre-transport  
 Date achieved compliance: 04/19/1995  
 Evaluation lead agency: State

Evaluation date: 03/21/1995  
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Area of violation: Generators - Records/Reporting  
 Date achieved compliance: 04/19/1995  
 Evaluation lead agency: State

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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.

**A3**  
**SSW**  
**1/4-1/2**  
**1409 ft.**

**AUS-BEN MFG INDUSTRIES INC**  
**RTE 3 BOX 503 CHURCH RD**  
**BOONE, NC 28607**

**FINDS 1000138450**  
**RCRA-CESQG NCD982097016**

**Site 3 of 6 in cluster A**

**Relative:**  
**Higher**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

**Actual:**  
**3184 ft.**

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 ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**AUS-BEN MFG INDUSTRIES INC (Continued)**

**1000138450**

RCRA-CESQG:

Date form received by agency: 11/03/1994  
Facility name: AUS-BEN MFG INDUSTRIES INC  
Facility address: RTE 3 BOX 503 CHURCH RD  
BOONE, NC 286079525  
EPA ID: NCD982097016  
Mailing address: PO DRAWER 1670  
BOONE, NC 286071670  
Contact: SONJA BENNETT  
Contact address: PO DRAWER 1670  
BOONE, NC 286071670  
Contact country: US  
Contact telephone: (704) 963-4127  
Contact email: Not reported  
EPA Region: 04  
Land type: Private  
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: JOHN A BENNETT  
Owner/operator address: RT 6 BOX 392  
BOONE, NC 28607  
Owner/operator country: Not reported  
Owner/operator telephone: (704) 963-4127  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
  
Owner/operator name: SONJA M BENNETT  
Owner/operator address: RT 6 BOX 392  
BOONE, NC 28607  
Owner/operator country: Not reported  
Owner/operator telephone: (704) 963-4127  
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: Unknown  
Mixed waste (haz. and radioactive): Unknown

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AUS-BEN MFG INDUSTRIES INC (Continued)**

**1000138450**

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: Unknown  
 Furnace exemption: Unknown  
 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  
 Off-site waste receiver: Commercial status unknown

**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.

**Facility Has Received Notices of Violations:**

Regulation violated: SR - 262.11/262.12  
 Area of violation: Generators - General  
 Date violation determined: 08/13/1998  
 Date achieved compliance: 12/04/1998  
 Violation lead agency: State  
 Enforcement action: WRITTEN INFORMAL  
 Enforcement action date: 08/13/1998  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 12/04/1998  
 Evaluation: COMPLIANCE SCHEDULE EVALUATION  
 Area of violation: Not reported  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

Evaluation date: 08/13/1998  
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Area of violation: Generators - General  
 Date achieved compliance: 12/04/1998  
 Evaluation lead agency: State

Evaluation date: 07/27/1987  
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Area of violation: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**AUS-BEN MFG INDUSTRIES INC (Continued)**

EDR ID Number  
 EPA ID Number

**1000138450**

Date achieved compliance: Not reported  
 Evaluation lead agency: State

**A4**  
**SSW**  
**1/4-1/2**  
**1409 ft.**

**MACK BROWN INC GM DEALER**  
**HWY 421 E**  
**BOONE, NC 28607**

**RCRA-SQG** **1000265984**  
**FINDS** **NCD982122038**

**Site 4 of 6 in cluster A**

**Relative:**  
**Higher**

**RCRA-SQG:**

Date form received by agency: 05/06/1991  
 Facility name: MACK BROWN INC GM DEALER  
 Facility address: HWY 421 E  
 BOONE, NC 28607  
 EPA ID: NCD982122038  
 Mailing address: PO BOX 488  
 BOONE, NC 28607  
 Contact: JOHN EDWARDS  
 Contact address: PO BOX 488  
 BOONE, NC 28607  
 Contact country: US  
 Contact telephone: (828) 264-9051  
 Contact email: Not reported  
 EPA Region: 04  
 Land type: Private  
 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

**Actual:**  
**3184 ft.**

**Owner/Operator Summary:**

Owner/operator name: MACK D BROWN  
 Owner/operator address: PO BOX 488  
 BOONE, NC 28607  
 Owner/operator country: Not reported  
 Owner/operator telephone: (828) 264-9051  
 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: Unknown  
 Mixed waste (haz. and radioactive): Unknown  
 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: Unknown  
 Furnace exemption: Unknown  
 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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

**MACK BROWN INC GM DEALER (Continued)**

**1000265984**

Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

**Hazardous Waste Summary:**

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.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Facility Has Received Notices of Violations:**

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 11/27/2001  
Date achieved compliance: 09/21/2001  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 05/24/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 42000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 11/27/2001  
Date achieved compliance: 09/21/2001  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 04/08/2003  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**MACK BROWN INC GM DEALER (Continued)**

**1000265984**

Date violation determined: 11/27/2001  
Date achieved compliance: 05/24/2002  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 05/24/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 42000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 262.34  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/03/2001  
Date achieved compliance: 09/14/2001  
Violation lead agency: State  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 05/24/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: 42000  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 262.34  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/03/2001  
Date achieved compliance: 09/14/2001  
Violation lead agency: State  
Enforcement action: INITIAL IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER  
Enforcement action date: 09/14/2001  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 12/09/2002  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/24/2002  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/27/2001  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - General  
Date achieved compliance: 09/21/2001

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**MACK BROWN INC GM DEALER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000265984

Evaluation lead agency: State

Evaluation date: 11/27/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/21/2001  
Evaluation lead agency: State

Evaluation date: 11/27/2001  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 09/14/2001  
Evaluation lead agency: State

Evaluation date: 11/27/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 05/24/2002  
Evaluation lead agency: State

Evaluation date: 11/27/2001  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 05/24/2002  
Evaluation lead agency: State

Evaluation date: 08/14/2001  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/03/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 09/14/2001  
Evaluation lead agency: State

Evaluation date: 08/03/2001  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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 ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A5**  
**SSW**  
**1/4-1/2**  
**1409 ft.**

**HIGHLAND INTERNATIONAL INC**  
**GEORGE WILSON ROAD**  
**BOONE, NC 28607**

**FINDS** **1000242322**  
**RCRA-NonGen** **NCD982131294**

**Site 5 of 6 in cluster A**

**Relative:**  
**Higher**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

**Actual:**  
**3184 ft.**

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

**RCRA-NonGen:**

Date form received by agency: 05/01/1990  
 Facility name: HIGHLAND INTERNATIONAL INC  
 Facility address: RT 6 GEORGE WILSON RD  
 BOONE, NC 28607  
 EPA ID: NCD982131294  
 Mailing address: PO BOX 3564  
 BOONE, NC 28607  
 Contact: JOEL WHITE  
 Contact address: RT 6 GEORGE WILSON RD  
 BOONE, NC 28607  
 Contact country: US  
 Contact telephone: (704) 265-2713  
 Contact email: Not reported  
 EPA Region: 04  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: HIGHLAND INTERNATIONAL  
 Owner/operator address: Not reported  
 Not reported  
 Owner/operator country: Not reported  
 Owner/operator telephone: Not reported  
 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: Unknown  
 Mixed waste (haz. and radioactive): Unknown  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**HIGHLAND INTERNATIONAL INC (Continued)**

**1000242322**

On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

**A6  
SSW  
1/4-1/2  
1409 ft.**

**CARROLL LEATHER GOODS INC  
HWY 421 E  
BOONE, NC 28607**

**FINDS 1000831471  
RCRA-NonGen NCD986187409**

**Site 6 of 6 in cluster A**

**Relative:  
Higher**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

**Actual:  
3184 ft.**

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.

**RCRA-NonGen:**

Date form received by agency: 04/25/1991  
Facility name: CARROLL LEATHER GOODS INC  
Facility address: HWY 421 E  
BOONE, NC 28607  
EPA ID: NCD986187409  
Mailing address: PO BOX 1549  
BOONE, NC 28607  
Contact: DEBRA JONES  
Contact address: PO BOX 1549 HWY 421 E  
BOONE, NC 28607  
Contact country: US  
Contact telephone: (704) 264-2521  
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: STERLING CARROLL  
Owner/operator address: PO BOX 1549  
BOONE, NC 28607  
Owner/operator country: Not reported  
Owner/operator telephone: (704) 264-2521  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**CARROLL LEATHER GOODS INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000831471

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
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: Unknown  
Furnace exemption: Unknown  
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  
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

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.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/15/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B7**  
**SSW**  
**1/4-1/2**  
**2220 ft.**

**PHYSICAL PLANT**  
**265 DALE ST**  
**BOONE, NC 28608**

**UST**    **U001188464**  
**N/A**

**Site 1 of 4 in cluster B**

**Relative:**  
**Higher**

UST:

**Actual:**  
**3153 ft.**

Facility ID: 0-003727  
 Region: 04  
 Facility Telephone: (828) 262-3190  
 Last Update: 5/2/2001  
 Owner Name: APPACHIAN STATE UNIVERSITY  
 Owner Address: Not reported  
 Owner City,St,Zip: BOONE, NC 28608  
 Owner Phone: (828) 262-3190  
 Tank ID: BS-1  
 Tank capacity: 5000  
 Comment: Not reported  
 Date installed: 12/5/1970  
 Date removed: 1/12/1981  
**Status: Permanent Closed**  
 Tank product: Diesel, Diesel Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Unknown  
 Exterior Protection: Unknown  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PHYSICAL PLANT (Continued)

U001188464

Date Last Certified: Not reported  
Begin Certified Number: Not reported  
End Certified Number: Not reported  
  
Facility ID: 0-003727  
Region: 04  
Facility Telephone: (828) 262-3190  
Last Update: 5/2/2001  
Owner Name: APPACHIAN STATE UNIVERSITY  
Owner Address: Not reported  
Owner City,St,Zip: BOONE, NC 28608  
Owner Phone: (828) 262-3190  
Tank ID: SF-1  
Tank capacity: 10000  
Comment: Not reported  
Date installed: 10/5/1976  
Date removed: 6/11/1997  
**Status: Permanent Closed**  
Tank product: Gasoline, Gasoline Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: Unknown  
Exterior Protection: Paint  
Piping material: Steel  
Certify Type: Not reported  
Leak Detection Type: Not reported  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Not reported  
Corrosn Protec Pipe: Not reported  
Spill and Overfill: Not reported  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: Not reported  
Leak Detection Type 2: Not reported  
Corrosion Protection Tank1: Not reported  
Corrosion Piping: Not reported  
Overfill: Not reported  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: Not reported  
Corrosion Protection Piping Date: Not reported  
Spill Overfill Date: Not reported  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 199701697O  
Date Last Certified: 12/19/1996

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PHYSICAL PLANT (Continued)**

**U001188464**

Begin Certified Number: 1/1/1997  
 End Certified Number: Not reported

Facility ID: 0-003727  
 Region: 04  
 Facility Telephone: (828) 262-3190  
 Last Update: 5/2/2001  
 Owner Name: APPACHIAN STATE UNIVERSITY  
 Owner Address: Not reported  
 Owner City,St,Zip: BOONE, NC 28608  
 Owner Phone: (828) 262-3190  
 Tank ID: SF-2  
 Tank capacity: 10000  
 Comment: Not reported  
 Date installed: 10/5/1976  
 Date removed: 6/11/1997  
**Status: Permanent Closed**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Unknown  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: 1997016970  
 Date Last Certified: 12/19/1996  
 Begin Certified Number: 1/1/1997

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PHYSICAL PLANT (Continued)**

**U001188464**

End Certified Number: Not reported

Facility ID: 0-003727  
 Region: 04  
 Facility Telephone: (828) 262-3190  
 Last Update: 5/2/2001  
 Owner Name: APPACHIAN STATE UNIVERSITY  
 Owner Address: Not reported  
 Owner City,St,Zip: BOONE, NC 28608  
 Owner Phone: (828) 262-3190  
 Tank ID: SF-3  
 Tank capacity: 4000  
 Comment: Not reported  
 Date installed: 5/13/1966  
 Date removed: 6/11/1997  
**Status: Permanent Closed**  
 Tank product: Diesel, Diesel Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Unknown  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: 1997016970  
 Date Last Certified: 12/19/1996  
 Begin Certified Number: 1/1/1997  
 End Certified Number: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PHYSICAL PLANT (Continued)

U001188464

Facility ID: 0-003727  
Region: 04  
Facility Telephone: (828) 262-3190  
Last Update: 5/2/2001  
Owner Name: APPACHIAN STATE UNIVERSITY  
Owner Address: Not reported  
Owner City,St,Zip: BOONE, NC 28608  
Owner Phone: (828) 262-3190  
Tank ID: SF-4  
Tank capacity: 1000  
Comment: Not reported  
Date installed: 10/5/1976  
Date removed: 6/11/1997  
**Status: Permanent Closed**  
Tank product: Oil, New/Used/Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: Unknown  
Exterior Protection: Paint  
Piping material: Steel  
Certify Type: Not reported  
Leak Detection Type: Not reported  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Not reported  
Corrosn Protec Pipe: Not reported  
Spill and Overfill: Not reported  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: Not reported  
Leak Detection Type 2: Not reported  
Corrosion Protection Tank1: Not reported  
Corrosion Piping: Not reported  
Overfill: Not reported  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: Not reported  
Corrosion Protection Piping Date: Not reported  
Spill Overfill Date: Not reported  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 1997016970  
Date Last Certified: 12/19/1996  
Begin Certified Number: 1/1/1997  
End Certified Number: Not reported

Facility ID: 0-003727

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PHYSICAL PLANT (Continued)

U001188464

Region: 04  
Facility Telephone: (828) 262-3190  
Last Update: 5/2/2001  
Owner Name: APPACHIAN STATE UNIVERSITY  
Owner Address: Not reported  
Owner City,St,Zip: BOONE, NC 28608  
Owner Phone: (828) 262-3190  
Tank ID: WHS-1  
Tank capacity: 1000  
Comment: Not reported  
Date installed: 12/5/1968  
Date removed: Not reported  
**Status: Unknown**  
Tank product: Fuel Oil  
Product Type: HEA  
Tank material: Steel  
Interior Protection: Unknown  
Exterior Protection: Unknown  
Piping material: Unknown  
Certify Type: Not reported  
Leak Detection Type: Not reported  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Not reported  
Corrosn Protec Pipe: Not reported  
Spill and Overfill: Not reported  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: Not reported  
Leak Detection Type 2: Not reported  
Corrosion Protection Tank1: Not reported  
Corrosion Piping: Not reported  
Overfill: Not reported  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: Not reported  
Corrosion Protection Piping Date: Not reported  
Spill Overfill Date: Not reported  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: Not reported  
Date Last Certified: Not reported  
Begin Certified Number: Not reported  
End Certified Number: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B8**  
**SSW**  
 1/4-1/2  
 2220 ft.

**APPALACHIAN STATE UNIVERSITY**  
**265 DALE STREET**  
**BOONE, NC 28608**

**SWF/LF**  
**UST**  
**HIST LF**

**U003202624**  
**N/A**

**Relative:**  
**Higher**

**Site 2 of 4 in cluster B**

**Actual:**  
**3153 ft.**

LF:

Facility Type: Compost  
 permit\_num: 9504  
 Contact Name: JAMES H. RICE  
 Contact Telephone: (828) 262-3190  
 Facility Status: OPEN

UST:

Facility ID: 1-024233  
 Region: 04  
 Facility Telephone: (828) 262-3195  
 Last Update: 1/18/2007  
 Owner Name: APPALACHIAN STATE UNIVERSITY  
 Owner Address: PHYSICAL PLANT/265 DALE STREET  
 Owner City,St,Zip: BOONE, NC 28608  
 Owner Phone: (828) 262-3195  
 Tank ID: A1  
 Tank capacity: 12000  
 Comment: Not reported  
 Date installed: 1/8/1997  
 Date removed: Not reported  
**Status: Currently In Use**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: None  
 Exterior Protection: Cathodic Protection  
 Piping material: Other  
 Certify Type: Installer certified by tank and piping manufacturers  
 Leak Detection Type: Periodic tank tightness testing  
 Leak Detection Piping 1: Interstitial monitoring/double-walled tank and/or piping  
 Corrosn Protec Tank: Sacrificial anonde  
 Corrosn Protec Pipe: Other  
 Spill and Overfill: Catchment basins  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: G  
 Leak Detection Type 2: Inventory control  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: D  
 Compartment Tank: Yes  
 Main Tank: Yes  
 Tank ID Number: A1

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

APPALACHIAN STATE UNIVERSITY (Continued)

U003202624

Corrosion Protection Tank Date: 1/8/1997  
Corrosion Protection Piping Date: 1/8/1997  
Spill Overfill Date: 1/8/1997  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2007027300  
Date Last Certified: 1/22/2007  
Begin Certified Number: 1/22/2007  
End Certified Number: Not reported

Facility ID: 1-024233  
Region: 04  
Facility Telephone: (828) 262-3195  
Last Update: 1/18/2007  
Owner Name: APPALACHIAN STATE UNIVERSITY  
Owner Address: PHYSICAL PLANT/265 DALE STREET  
Owner City,St,Zip: BOONE, NC 28608  
Owner Phone: (828) 262-3195  
Tank ID: A1B  
Tank capacity: 8000  
Comment: Not reported  
Date installed: 1/8/1997  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Diesel, Diesel Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: None  
Exterior Protection: Cathodic Protection  
Piping material: Other  
Certify Type: Installer certified by tank and piping manufacturers  
Leak Detection Type: Periodic tank tightness testing  
Leak Detection Piping 1: Interstitial monitoring/double-walled tank and/or piping  
Corrosn Protec Tank: Sacrificial anode  
Corrosn Protec Pipe: Other  
Spill and Overfill: Catchment basins  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: G  
Leak Detection Type 2: Inventory control  
Corrosion Protection Tank1: Not reported  
Corrosion Piping: Not reported  
Overfill: D  
Compartment Tank: Yes  
Main Tank: No  
Tank ID Number: A1  
Corrosion Protection Tank Date: 1/8/1997

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

APPALACHIAN STATE UNIVERSITY (Continued)

U003202624

Corrosion Protection Piping Date: 1/8/1997  
Spill Overfill Date: 1/8/1997  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2007027300  
Date Last Certified: 1/22/2007  
Begin Certified Number: 1/22/2007  
End Certified Number: Not reported

Facility ID: 1-024233  
Region: 04  
Facility Telephone: (828) 262-3195  
Last Update: 1/18/2007  
Owner Name: APPALACHIAN STATE UNIVERSITY  
Owner Address: PHYSICAL PLANT/265 DALE STREET  
Owner City,St,Zip: BOONE, NC 28608  
Owner Phone: (828) 262-3195  
Tank ID: A2  
Tank capacity: 10000  
Comment: BIODIESEL  
Date installed: 12/15/2006  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Other, Petroleum  
Product Type: NON  
Tank material: 7  
Interior Protection: Double Wall  
Exterior Protection: FRP  
Piping material: FRP  
Certify Type: Installer certified by tank and piping manufacturers  
Leak Detection Type: Automatic tank gauging  
Leak Detection Piping 1: Automatic line leak detectors  
Corrosn Protec Tank: FRP tank/piping  
Corrosn Protec Pipe: FRP tank/piping  
Spill and Overfill: Catchment basins  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: I  
Leak Detection Type 2: Not reported  
Corrosion Protection Tank1: I  
Corrosion Piping: Not reported  
Overfill: D  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: 12/15/2006  
Corrosion Protection Piping Date: 12/15/2006

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

APPALACHIAN STATE UNIVERSITY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003202624

Spill Overfill Date: 12/15/2006  
Piping System Type Code: P  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2007027300  
Date Last Certified: 1/22/2007  
Begin Certified Number: 1/22/2007  
End Certified Number: Not reported

HIST\_LF:

Facility Type: Compost  
permit\_num: 9504  
Facility Fax: Not reported  
Contact Name: JAMES H. RICE  
Contact Title: Not reported  
Contact Telephone: 828-262-3190  
Contact Address: PO BOX 32105  
Contact City,St,Zip: BOONE, NC 28608-2105  
Lined: False  
Facility Id: P1028  
Facility Status: OPEN  
Public/Private: PRIVATE  
Waste Mgmt Specialist: Jason Watkins

B9  
SSW  
1/4-1/2  
2220 ft.

APPALACHIAN STATE UNIV  
265 DALE ST  
BOONE, NC 28608

FINDS 1000148597  
RCRA-CESQG NCD982124117

Site 3 of 4 in cluster B

Relative:  
Higher

FINDS:  
Other Pertinent Environmental Activity Identified at Site

Actual:  
3153 ft.

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

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.

RCRA-CESQG:

Date form received by agency: 10/27/2004  
Facility name: APPALACHIAN STATE UNIV  
Facility address: 265 DALE ST  
PHYSICAL PLANT  
BOONE, NC 28608  
EPA ID: NCD982124117  
Mailing address: DALE ST  
BOONE, NC 28608

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

APPALACHIAN STATE UNIV (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000148597

Contact: JAMES RICE  
Contact address: DALE ST PHYSICAL PLANT  
BOONE, NC 28608  
Contact country: US  
Contact telephone: (704) 262-3190  
Contact email: Not reported  
EPA Region: 04  
Land type: State  
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: STATE OF NORTG CAROLINA  
Owner/operator address: Not reported  
BOONE, NC  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1900  
Owner/Op end date: Not reported

Owner/operator name: THE STATE OF NORTH CAROLINA  
Owner/operator address: Not reported  
RALEIGH, NC  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: State  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1900  
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

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

APPALACHIAN STATE UNIV (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000148597

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  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/06/1995  
Facility name: APPALACHIAN STATE UNIV  
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 PENSKEY-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: D016  
Waste name: 2,4-D

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR 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.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**APPALACHIAN STATE UNIV (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000148597**

Waste code: F005  
 Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U044  
 Waste name: CHLOROFORM

Waste code: U122  
 Waste name: FORMALDEHYDE

Facility Has Received Notices of Violations:

Regulation violated: SR - 262.34  
 Area of violation: Generators - Pre-transport  
 Date violation determined: 07/14/2004  
 Date achieved compliance: 10/04/2004  
 Violation lead agency: State  
 Enforcement action: WRITTEN INFORMAL  
 Enforcement action date: 07/14/2004  
 Enf. disposition status: Not reported  
 Enf. disp. status date: Not reported  
 Enforcement lead agency: State  
 Proposed penalty amount: Not reported  
 Final penalty amount: Not reported  
 Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/04/2004  
 Evaluation: COMPLIANCE SCHEDULE EVALUATION  
 Area of violation: Not reported  
 Date achieved compliance: Not reported  
 Evaluation lead agency: State

Evaluation date: 07/14/2004  
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
 Area of violation: Generators - Pre-transport  
 Date achieved compliance: 10/04/2004  
 Evaluation lead agency: State

**B10**  
**SSW**  
**1/4-1/2**  
**2426 ft.**

**DALE PROPERTY**  
**198 DALE STREET**  
**BOONE, NC**

**LUST S105425561**  
**LUST TRUST N/A**  
**IMD**

**Site 4 of 4 in cluster B**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**3156 ft.**

Facility ID: Not reported  
 Incident Number: 23910  
 Lat/Long: 36 12 16.92 81 39 24.72  
 Testlat: Not reported  
 Regional Officer Project Mgr: SBW  
 Region: Winston-Salem  
 Company: JOY DALE TRAVIS/VAN DALE  
 Contact Person: Not reported  
 UST Number: WS-6330  
 Lat/Long Decimal: 36.204700000000003 81.656882999999993

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DALE PROPERTY (Continued)**

**S105425561**

Telephone:	8282957508		
RP Address:	PO BOX 670		
RP City,St,Zip:	BLOWING ROCK, NC 28605-		
RP County:	WATAUGA		
Comm / Non-comm UST Site:	NON COMMERCIAL		
Risk Classification:	H		
Risk Class Based On Review:	H		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Not reported		
Tank Regulated Status:	Non Regulated		
Contamination Type:	Groundwater/Both		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	12/19/2001	Date Occur:	12/4/2001
NOV Issue Date:	Not reported	NORR Issue Date:	1/11/2002
Site Priority:	Not reported	Phase Of LSA Req:	2
Site Risk Reason:	Free product	Land Use:	Residential
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Not reported
Flag:	No	Flag1:	Not reported
LUR Filed:	Not reported	Release Detection:	Not reported
GPS Confirmed:	3	Cleanup:	1/10/2002
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	4	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	True	RPOP:	False
Error Flag:	Not reported	Valid:	False
Error Code:	N		
Last Modified:	2/4/2002		
<b>Incident Phase:</b>	<b>Response</b>		
NOV Issued:	Not reported		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	1000 GALLON US-HEATING OIL. Phone call from consultant, Geonetics, found free product ( 1 inch) on June 9, 2003. Maybe MMPE candidate for removing free product. William Dale called 4/5/2004 to find out if consultants were OK to start.		

**LUST TRUST:**

Facility ID:	Not reported
Site ID:	23910
Site Note:	Responsible Party has revoked their Eligibility POA from the current owner / developer. See JME for details (3/6/06) Claim given to J. Edwards 2/08/07
Site Eligible?:	True
Commercial Find:	100% Non-Commercial
Priority Rank:	Not reported
Deductable Amount:	0
3rd Party Deductable Amt:	0
Sum 3rd Party Amt Applied:	0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

DALE PROPERTY (Continued)

S105425561

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

IMD:

Region: WS  
Facility ID: 23910  
Date Occurred: 12/4/2001  
Submit Date: 2/4/2002  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: PETROLEUM VAPORS OBSERVED IN SOIL SAMPLES DURING UST REMOVAL. RESULTS ARE UNKNOWN AT PRESENT. NO FREE PRODUCT OBSERVED .  
Operator: JOY DALE TRAVIS  
Contact Phone: (828)295-7508  
Owner Company: Not reported  
Operator Address: PO BOX 670  
Operator City: BLOWING ROCK  
Oper City, St, Zip: BLOWING ROCK, NC 28605  
Ownership: Private  
Operation: Residential  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Heating Oil  
Location: Residence  
Setting: Residential  
Risk Site: Not reported  
Site Priority: U  
Priority Code: Not reported  
Priority Update: 2/8/2002  
Dem Contact: Not reported  
Wells Affected: Not reported  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: DWM  
Facility ID: 23910  
Last Modified: 2/4/2002  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DALE PROPERTY (Continued)**

**S105425561**

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

**11**  
**SSE**  
**1/2-1**  
**2668 ft.**

**BOONE ARMORY**  
**274 HUNTING HILLS LN**  
**BOONE, NC 28607**

**UST U003147173**  
**N/A**

**Relative:**  
**Higher**

**UST:**

**Actual:**  
**3092 ft.**

Facility ID: 0-033947  
 Region: 04  
 Facility Telephone: (828) 264-3010  
 Last Update: 1/8/2003  
 Owner Name: NC ARMY NATIONAL GUARD  
 Owner Address: 4105 REEDY CREEK RD  
 Owner City,St,Zip: RALEIGH, NC 27607  
 Owner Phone: (919) 664-6392  
 Tank ID: 1  
 Tank capacity: 6000  
 Comment: Not reported  
 Date installed: 1/1/1974  
 Date removed: Not reported  
**Status: Currently In Use**  
 Tank product: Heating Oil/ Fuel  
 Product Type: HEA  
 Tank material: Unknown  
 Interior Protection: Unknown  
 Exterior Protection: Unknown  
 Piping material: Unknown  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOONE ARMORY (Continued)**

**U003147173**

Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: 2007026160  
 Date Last Certified: 5/1/2007  
 Begin Certified Number: 5/1/2007  
 End Certified Number: Not reported

**C12  
 SW  
 1/2-1  
 2689 ft.**

**GLEN WILDE, LLC  
 660 STATE FARM RD  
 BOONE, NC**

**LUST TRUST S105219737  
 N/A**

**Site 1 of 3 in cluster C**

**Relative:  
 Higher**

LUST TRUST:  
 Facility ID: Not reported  
 Site ID: 22644  
 Site Note: Not reported  
 Site Eligible?: True  
 Commercial Find: 100% Non-Commercial  
 Priority Rank: Not reported  
 Deductable Amount: 0  
 3rd Party Deductable Amt: 0  
 Sum 3rd Party Amt Applied: 0

**Actual:  
 3212 ft.**

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

**C13  
 SW  
 1/2-1  
 2689 ft.**

**COOKE PROPERTY (JOHNNY)  
 660 STATE FARM ROAD  
 BOONE, NC**

**LUST S104914609  
 IMD N/A**

**Site 2 of 3 in cluster C**

**Relative:  
 Higher**

LUST:  
 Facility ID: Not reported  
 Incident Number: 22644  
 Lat/Long: 36 12 16.74 80 39 36.72  
 Testlat: Not reported  
 Regional Officer Project Mgr: SBW  
 Region: Winston-Salem  
 Company: GLEN WILDER, LLC  
 Contact Person: JOHNNY COOKE  
 Telephone: 8282974070  
 RP Address: 618 BENTLY ROAD  
 RP City,St,Zip: SUGAR GROVE, NC 28679-  
 RP County: WATAUGA  
 Comm / Non-comm UST Site: NON COMMERCIAL  
 Risk Classification: H  
 Risk Class Based On Review: H  
 Corrective Action Plan Type: Not reported  
 Level Of Soil Cleanup Achieved: Not reported  
 Tank Regulated Status: Non Regulated  
 Contamination Type: Groundwater/Both  
 Source Type: Leak-underground  
 UST Number: WS-6120  
 Lat/Long Decimal: 36.204650000000001 80.660200000000003  
 Product Type: PETROLEUM

**Actual:  
 3212 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**COOKE PROPERTY (JOHNNY) (Continued)**

**S104914609**

Date Reported:	12/4/2000	Date Occur:	11/1/2000
NOV Issue Date:	Not reported	NORR Issue Date:	3/29/2001
Site Priority:	Not reported	Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	3	Cleanup:	12/27/2000
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	4	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0		
Error Code:	N	Valid:	False
Last Modified:	12/20/2000		
<b>Incident Phase:</b>	<b>Response</b>		
NOV Issued:	Not reported		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	Free product identified in MW (heating oil), saturated soil excavated to a depth of 15 feet, soil samples collected from base and at sidewall identified naphthalene exceeding soil-to-groundwater MSCCs. Sheen observed in gw seeping into excavation. Potable wells observed in area.		

**IMD:**

Region: WS  
 Facility ID: 22644  
 Date Occurred: 11/1/2000  
 Submit Date: 12/22/2000  
 GW Contam: Not reported  
 Soil Contam: Yes  
 Incident Desc: SOIL CONTAMINATION DISCOVERED UPON UST REMOVAL  
 Operator: JOHNNY COOKE  
 Contact Phone: 828 297-4070  
 Owner Company: GLEN WILDE, LLC  
 Operator Address: 618 BENTLEY ROAD  
 Operator City: SUGAR GROVE  
 Oper City, St, Zip: SUGAR GROVE, NC 28679  
 Ownership: Private  
 Operation: Residential  
 Material: Not reported  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Source: Leak-underground  
 Type: Heating Oil  
 Location: Residence  
 Setting: Urban  
 Risk Site: Yes

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**COOKE PROPERTY (JOHNNY) (Continued)**

**S104914609**

Site Priority: H  
 Priority Code: H  
 Priority Update: 12/22/2000  
 Dem Contact: Not reported  
 Wells Affected: No  
 Num Affected: Not reported  
 Wells Contam: Not reported  
 Sampled By: Not reported  
 Samples Include: Not reported  
 7.5 Min Quad: Not reported  
 5 Min Quad: Not reported  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: DWM  
 Facility ID: 22644  
 Last Modified: 12/20/2000  
 Incident Phase: RE  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**C14  
 SW  
 1/2-1  
 2692 ft.**

**VERMONT AMERICAN CORPORATION  
 665 STATE FARM ROAD  
 BOONE, NC 28607**

**UST U001189963  
 N/A**

**Site 3 of 3 in cluster C**

**Relative:  
 Higher**

**Actual:  
 3209 ft.**

UST:  
 Facility ID: 0-006787  
 Region: 04  
 Facility Telephone: (704) 264-9046  
 Last Update: Not reported  
 Owner Name: VERMONT AMERICAN CORPORATION  
 Owner Address: 665 STATE FARM ROAD  
 Owner City,St,Zip: BOONE, NC 28607  
 Owner Phone: (704) 264-9046  
 Tank ID: 1  
 Tank capacity: 1000  
 Comment: FILLED WITH GRAVEL  
 Date installed: 5/19/1968  
 Date removed: 12/31/1986  
**Status: Permanent Closed**  
 Tank product: Oil, New/Used/Mixture  
 Product Type: NON  
 Tank material: Steel

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**VERMONT AMERICAN CORPORATION (Continued)**

**U001189963**

Interior Protection: Unknown  
 Exterior Protection: None  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

**D15  
 NNE  
 1/2-1  
 2862 ft.**

**LEONARD PROPERTY (WILLIAM)  
 140 COLE STREET  
 BOONE, NC**

**LUST S105120350  
 IMD N/A**

**Site 1 of 2 in cluster D**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3200 ft.**

Facility ID: Not reported  
 Incident Number: 23372  
 Lat/Long: 36 13 7.98 81 39 13.2  
 Testlat: Not reported  
 Regional Officer Project Mgr: SBW  
 Region: Winston-Salem  
 Company: WILLIAM LEONARD  
 Contact Person: Not reported  
 Telephone: 8289635896  
 RP Address: P O BOX 1175  
 RP City,St,Zip: BANNER ELK, NC 28604-  
 RP County: WATAUGA  
 UST Number: WS-6231  
 Lat/Long Decimal: 36.218890000000002 81.653670000000005

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**LEONARD PROPERTY (WILLIAM) (Continued)**

**S105120350**

Comm / Non-comm UST Site: NON COMMERCIAL  
Risk Classification: H  
Risk Class Based On Review: U  
Corrective Action Plan Type: Not reported  
Level Of Soil Cleanup Achieved: Not reported  
Tank Regulated Status: Non Regulated  
Contamination Type: Soil  
Source Type: Leak-underground  
Date Reported: 6/1/2001  
NOV Issue Date: Not reported  
Site Priority: Not reported  
Site Risk Reason: Not reported  
Closure Request: Not reported  
Close Out: Not reported  
MTBE: No  
Flag: No  
LUR Filed: Not reported  
GPS Confirmed: 7  
Current Status: File Located in House  
PETOPT: 4  
CD Num: 0  
RPOW: False  
Error Flag: 0  
Error Code: N  
Last Modified: 7/24/2001  
**Incident Phase: Response**  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported  
Comments: Recreational GPS data entered. LSA NOV issued 8/2/2005

Product Type: PETROLEUM  
Date Occur: 6/1/2001  
NORR Issue Date: Not reported  
Phase Of LSA Req: 1  
Land Use: Residential  
# Of Supply Wells: 0  
MTBE1: Unknown  
Flag1: No  
Release Detection: 0  
Cleanup: 7/12/2001  
RBCA GW: Not reported  
RPL: False  
Reel Num: 0  
RPOP: False  
Valid: False

**IMD:**

Region: WS  
Facility ID: 23372  
Date Occurred: 6/1/2001  
Submit Date: 7/24/2001  
GW Contam: Not reported  
Soil Contam: Yes  
Incident Desc: SOIL CONTAMINATION DISCOVERED DUE TO ODOR PRESENT  
Operator: WILLIAM LEONARD  
Contact Phone: 828 963-5896  
Owner Company: Not reported  
Operator Address: PO BOX 1175  
Operator City: BANNER ELK  
Oper City, St, Zip: BANNER ELK, NC 28604  
Ownership: Private  
Operation: Residential  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**LEONARD PROPERTY (WILLIAM) (Continued)**

**S105120350**

Source:            Leak-underground  
 Type:             Heating Oil  
 Location:         Residence  
 Setting:          Residential  
 Risk Site:        Not reported  
 Site Priority:     U  
 Priority Code:    Not reported  
 Priority Update:  7/24/2001  
 Dem Contact:    Not reported  
 Wells Affected:  No  
 Num Affected:   Not reported  
 Wells Contam:   Not reported  
 Sampled By:     Not reported  
 Samples Include: Not reported  
 7.5 Min Quad:    Not reported  
 5 Min Quad:      Not reported  
 Latitude:         Not reported  
 Longitude:        Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS:              NOD  
 Agency:          DWM  
 Facility ID:       23372  
 Last Modified:   7/24/2001  
 Incident Phase:   RE  
 NOV Issued:      Not reported  
 NORR Issued:     Not reported  
 45 Day Report:   Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned:     Not reported  
 Reclassification Report: Not reported  
 RS Designation:  Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**D16  
 NNE  
 1/2-1  
 2862 ft.**

**LEONARD PROPERTY  
 140 COLE STREET  
 BOONE, NC**

**LUST TRUST    S105593162  
 N/A**

**Site 2 of 2 in cluster D**

**Relative:  
 Higher**

**LUST TRUST:**

**Actual:  
 3200 ft.**

Facility ID:            Not reported  
 Site ID:                23372  
 Site Note:             Noncommercial Eligible 90%, Ineligible 10% Note: 50% subject to 5K,  
 50% no deductible. Cost recovery letter sent out on 7/3/03 for  
 \$3113.56. Have 30 days to respond.(SJ) As of 8/11/03 no response so  
 matter handed over to AG.(SJ)  
 Site Eligible?:        True  
 Commercial Find:     100% Non-Commercial  
 Priority Rank:         Not reported  
 Deductable Amount:  5000  
 3rd Party Deductable Amt: 0  
 Sum 3rd Party Amt Applied: 0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**LEONARD PROPERTY (Continued)**

**S105593162**

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

<b>E17</b>	<b>JIMMY SMITH WASTEWATER TREATMENT PLT</b>	<b>RCRA-CESQG</b>	<b>1009399545</b>
<b>ENE</b>	<b>201 CASEY LN</b>		<b>NCR000140541</b>
<b>1/2-1</b>	<b>BOONE, NC 28607</b>		
<b>2871 ft.</b>			

**Site 1 of 2 in cluster E**

**Relative:  
Higher**

RCRA-CESQG:

Date form received by agency: 10/16/2006

**Actual:  
3090 ft.**

Facility name: JIMMY SMITH WASTEWATER TREATMENT PLT

Facility address: 201 CASEY LN  
 BOONE, NC 28607

EPA ID: NCR000140541

Mailing address: PO DRAWER 192  
 BOONE, NC 28607

Contact: RUDY E BROSCCHINSKI

Contact address: PO DRAWER 192  
 BOONE, NC 28607

Contact country: US

Contact telephone: (828) 266-1181

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: TOWN OF BOONE

Owner/operator address: PO DRAWER 192  
 BOONE, NC 28607

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Municipal

Owner/Operator Type: Owner

Owner/Op start date: 03/22/1966

Owner/Op end date: Not reported

Owner/operator name: TOWN OF BOONE

Owner/operator address: Not reported  
 Not reported

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Municipal

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**JIMMY SMITH WASTEWATER TREATMENT PLT (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1009399545

Owner/Operator Type: Operator  
Owner/Op start date: 01/05/1998  
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  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 05/08/2006  
Facility name: JIMMY SMITH WASTEWATER TREATMENT PLT  
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 PENSKEY-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.

Violation Status: No violations found

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E18**      **BOONE WASTE-WATER PLANT**  
**ENE**      **201 CASEY LN**  
**1/2-1**     **BOONE, NC 28607**  
**2871 ft.**

**UST**    **1000534409**  
           **N/A**

**Site 2 of 2 in cluster E**

**Relative:**  
**Higher**

UST:

**Actual:**  
**3090 ft.**

Facility ID:            0-032453  
 Region:                04  
 Facility Telephone:    (828) 262-4580  
 Last Update:           5/3/2001  
 Owner Name:           TOWN OF BOONE  
 Owner Address:        PO DRAWER 192  
 Owner City,St,Zip:    BOONE, NC 28607  
 Owner Phone:          (828) 262-4530  
 Tank ID:                1  
 Tank capacity:         1000  
 Comment:              EMERG GEN  
 Date installed:         7/19/1979  
 Date removed:         Not reported  
**Status:                Currently In Use**  
 Tank product:         Fuel Oil  
 Product Type:          HEA  
 Tank material:         Steel  
 Interior Protection:    Unknown  
 Exterior Protection:    Unknown  
 Piping material:        Steel  
 Certify Type:          Not reported  
 Leak Detection Type:    Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank:   Not reported  
 Corrosn Protec Pipe:   Not reported  
 Spill and Overfill:     Not reported  
 Financial Responsibility: Not reported  
 Latitude:                .00000  
 Latitude 1:              Not reported  
 Longitude:               .00000  
 Longitude 1:            Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code:    Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water:           Not reported  
 Water Supply Well:       Not reported  
 Leak Detection Piping 2:    Not reported  
 Leak Detection Type 2:    Not reported  
 Corrosion Protection Tank1:    Not reported  
 Corrosion Piping:        Not reported  
 Overfill:                Not reported  
 Compartment Tank:        No  
 Main Tank:                No  
 Tank ID Number:         Not reported  
 Corrosion Protection Tank Date:    Not reported  
 Corrosion Protection Piping Date:    Not reported  
 Spill Overfill Date:        Not reported  
 Piping System Type Code:    Not reported  
 Piping System Type Description:    Not reported  
 Tank Last Used Date:        Not reported  
 Tank Certified Number:        Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOONE WASTE-WATER PLANT (Continued)**

**1000534409**

Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

**19**  
**WSW**  
**1/2-1**  
**3030 ft.**

**VERMONT AMERICAN CORP.**  
**STATE FARM RD.**  
**BOONE, NC**

**LUST** **S101525432**  
**IMD** **N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3287 ft.**

Facility ID: 0-003727  
 Incident Number: 18143  
 Lat/Long: 36 12 14.52 81 39 31.62  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: APPALACHIAN STATE UNIVERSITY  
 Contact Person: BOB ELLERBE - PHYSICAL PLANT  
 Telephone: 8282623190  
 RP Address: STATE FARM ROAD  
 RP City,St,Zip: BOONE, NC 28608-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: L  
 Risk Class Based On Review: I  
 Corrective Action Plan Type: Not reported  
 Level Of Soil Cleanup Achieved: Residential  
 Tank Regulated Status: R  
 Contamination Type: Soil  
 Source Type: Leak-underground  
 Date Reported: 11/18/1997  
 NOV Issue Date: Not reported  
 Site Priority: C010  
 Site Risk Reason: Not reported  
 Closure Request: Not reported  
 Close Out: Not reported  
 MTBE: No  
 Flag: No  
 LUR Filed: Not reported  
 GPS Confirmed: 6  
 Current Status: File Located in House  
 PETOPT: 3  
 CD Num: 0  
 RPOW: True  
 Error Flag: 0  
 Error Code: N  
 Last Modified: Not reported  
**Incident Phase: Response**  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Signed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

UST Number: WS-5292  
 Lat/Long Decimal: 36.204042000000001 81.658793000000003  
 Product Type: PETROLEUM  
 Date Occur: 12/5/1997  
 NORR Issue Date: Not reported  
 Phase Of LSA Req: Not reported  
 Land Use: Not reported  
 # Of Supply Wells: 0  
 MTBE1: Unknown  
 Flag1: No  
 Release Detection: 0  
 Cleanup: 12/5/1997  
 RBCA GW: Not reported  
 RPL: True  
 Reel Num: 0  
 RPOP: True  
 Valid: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

VERMONT AMERICAN CORP. (Continued)

S101525432

Comments: Four UST's removed at Physical Plant facilities on 11/06/97.

IMD:

Region: WS  
Facility ID: 18143  
Date Occurred: 11/18/1997  
Submit Date: 1/2/1998  
GW Contam: Not reported  
Soil Contam: Yes  
Incident Desc: SOIL SAMPLES CONFIRMED THAT A RELEASE HAD OCCURRED.  
Operator: Not reported  
Contact Phone: Not reported  
Owner Company: APPALACHIAN STATE UNIVERSITY  
Operator Address: MAIN CAMPUS  
Operator City: BOONE  
Oper City, St, Zip: BOONE, NC 28607  
Ownership: State  
Operation: Educational/Religious  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Material: DIESEL  
Qty Lost: Not reported  
Qty Recovered: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Yes  
Site Priority: C010  
Priority Code: L  
Priority Update: 5/8/1998  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: F75  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 18143  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**VERMONT AMERICAN CORP. (Continued)**

**S101525432**

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

Region: WS  
Facility ID: 7512  
Date Occurred: 3/17/1992  
Submit Date: 1/28/2002  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: Not reported  
Incident Desc: Not reported  
Operator: YOUNG, JOHN  
Contact Phone: Not reported  
Owner Company: VERMONT AMERICAN CORP.  
Operator Address: 101 S. FIFTH ST., SUITE 2300  
Operator City: LOUISVILLE  
Oper City,St,Zip: LOUISVILLE, KY  
Ownership: Federal  
Operation: Mining  
Material: PETROLEUM  
Qty Lost 1: Not reported  
Qty Recovered 1: UNK  
Source: Unknown  
Type: Other inorganics  
Location: Facility  
Setting: Urban  
Risk Site: No  
Site Priority: 110  
Priority Code: B  
Priority Update: Not reported  
Dem Contact: DON GEDDES  
Wells Affected: No  
Num Affected: 0  
Wells Contam: SPAINHOUR  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: F75  
Latitude: 36.206416  
Longitude: -81.662715  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: GPS  
Agency: DWQ  
Facility ID: 7512  
Last Modified: 1/28/2002  
Incident Phase: RE  
NOV Issued: 4/6/1992  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**VERMONT AMERICAN CORP. (Continued)**

**S101525432**

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

**F20  
NNW  
1/2-1  
3183 ft.**

**JONES' MINUTE MARKET  
101 JEFFERSON DRIVE  
BOONE, NC 28607**

**UST U001189835  
N/A**

**Site 1 of 6 in cluster F**

**Relative:  
Higher**

**UST:**

**Actual:  
3156 ft.**

Facility ID: 0-006335  
Region: 04  
Facility Telephone: (919) 838-8332  
Last Update: Not reported  
Owner Name: JONES' MINUTE MARKET  
Owner Address: 101 JEFFERSON DRIVE  
Owner City,St,Zip: BOONE, NC 28607  
Owner Phone: .  
Tank ID: A  
Tank capacity: 2000  
Comment: Not reported  
Date installed: 11/5/1962  
Date removed: 1/8/1987  
**Status: Permanent Closed**  
Tank product: Gasoline, Gasoline Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: None  
Exterior Protection: Paint  
Piping material: Steel  
Certify Type: Not reported  
Leak Detection Type: Not reported  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Not reported  
Corrosn Protec Pipe: Not reported  
Spill and Overfill: Not reported  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: Not reported  
Leak Detection Type 2: Not reported  
Corrosion Protection Tank1: Not reported  
Corrosion Piping: Not reported  
Overfill: Not reported  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**JONES' MINUTE MARKET (Continued)**

**U001189835**

Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

Facility ID: 0-006335  
 Region: 04  
 Facility Telephone: (919) 838-8332  
 Last Update: Not reported  
 Owner Name: JONES' MINUTE MARKET  
 Owner Address: 101 JEFFERSON DRIVE  
 Owner City,St,Zip: BOONE, NC 28607  
 Owner Phone: .  
 Tank ID: B  
 Tank capacity: 2000  
 Comment: Not reported  
 Date installed: 5/15/1946  
 Date removed: 1/8/1987  
**Status: Permanent Closed**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: None  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**JONES' MINUTE MARKET (Continued)**

**U001189835**

Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

Facility ID: 0-006335  
 Region: 04  
 Facility Telephone: (919) 838-8332  
 Last Update: Not reported  
 Owner Name: JONES' MINUTE MARKET  
 Owner Address: 101 JEFFERSON DRIVE  
 Owner City,St,Zip: BOONE, NC 28607  
 Owner Phone: .  
 Tank ID: C  
 Tank capacity: 2000  
 Comment: Not reported  
 Date installed: 5/15/1946  
 Date removed: 1/8/1987  
**Status: Permanent Closed**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: None  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**JONES' MINUTE MARKET (Continued)**

**U001189835**

Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

**F21  
 NNW  
 1/2-1  
 3183 ft.**

**MOUNTAIN OIL INC  
 101 JEFFERSON DR  
 BOONE, NC 28607**

**AST A100188110  
 N/A**

**Site 2 of 6 in cluster F**

**Relative:  
 Higher**

AST:  
 Facility Id: 95002  
 Registration Number: 95002102  
 Date Application Received: Not reported  
 Facility Phone: Not reported  
 Lat/Long: Not reported  
 Status Change: Not reported  
 Date Change: Not reported  
 Coordinate Source: Not reported

**Actual:  
 3156 ft.**

**F22  
 NNW  
 1/2-1  
 3195 ft.**

**KERN'S BAKERY WAREHOUSE  
 1512 E. KING STREET  
 BOONE, NC 38607**

**UST U003563060  
 N/A**

**Site 3 of 6 in cluster F**

**Relative:  
 Higher**

UST:  
 Facility ID: 0-025306  
 Region: 04  
 Facility Telephone: (703) 669-2167  
 Last Update: 9/12/1996  
 Owner Name: KERN'S BAKERY OF VIRGINIA INC  
 Owner Address: PO BOX 549 (2951 LEE HIGHWAY)  
 Owner City,St,Zip: BRISTOL, VA 24203  
 Owner Phone: (703) 669-2167  
 Tank ID: 1  
 Tank capacity: 2000  
 Comment: Not reported  
 Date installed: 10/10/1982  
 Date removed: 1/31/1989  
**Status: Permanent Closed**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Unknown  
 Interior Protection: Unknown  
 Exterior Protection: Unknown  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported

**Actual:  
 3157 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KERN'S BAKERY WAREHOUSE (Continued)**

**U003563060**

Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

**F23  
 NNW  
 1/2-1  
 3206 ft.**

**SERVCO-EAST KING ST.  
 1500 EAST KING STREET  
 BOONE, NC**

**IMD S102868524  
 N/A**

**Site 4 of 6 in cluster F**

**Relative:  
 Higher**

IMD:

**Actual:  
 3158 ft.**

Region: WS  
 Facility ID: 17784  
 Date Occurred: 7/7/1997  
 Submit Date: 9/17/1997  
 GW Contam: Yes, Groundwater Contamination has been detected  
 Soil Contam: Not reported  
 Incident Desc: UPON REMOVAL OF 6 USTS, FREE PRODUCT WAS FOUND IN PIT.  
 Operator: CHARLES AKIN  
 Contact Phone: Not reported  
 Owner Company: SERVICE DISTIBUTING CO., INC.  
 Operator Address:P. O. BOX 310  
 Operator City: ALBEMARLE  
 Oper City,St,Zip: ALBEMARLE, NC 28001  
 Ownership: Private  
 Operation: Commercial  
 Material: GASOLINE  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Material: DIESEL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SERVCO-EAST KING ST. (Continued)**

**S102868524**

Qty Lost: Not reported  
 Qty Recovered: Not reported  
 Material: KEROSENE  
 Qty Lost: Not reported  
 Qty Recovered 3: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: Facility  
 Setting: Residential  
 Risk Site: Yes  
 Site Priority: 030E  
 Priority Code: L  
 Priority Update: 5/30/1998  
 Dem Contact: Not reported  
 Wells Affected: Not reported  
 Num Affected: 0  
 Wells Contam: Not reported  
 Sampled By: Responsible Parties  
 Samples Include: Soil Samples  
 7.5 Min Quad: Not reported  
 5 Min Quad: Not reported  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 17784  
 Last Modified: 12/11/1998  
 Incident Phase: Follow Up  
 NOV Issued: Not reported  
 NORR Issued: 11/20/1998  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**F24 NCDOT-SERVICE DISTRIBUTING CO.**  
**NNW 1500 EAST KING ST.**  
**1/2-1 BOONE, NC**  
**3206 ft.**

**IMD S101403952**  
**N/A**

**Relative: Higher**  
**Site 5 of 6 in cluster F**

**Actual: 3158 ft.**  
 IMD:  
 Region: WS  
 Facility ID: 13524  
 Date Occurred: 10/26/1992  
 Submit Date: 3/10/1995  
 GW Contam: Not reported  
 Soil Contam: Yes  
 Incident Desc: UPON REMOVAL OF 2 USTS, SOIL CONTAM. WAS CONFIRMED.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**NCDOT-SERVICE DISTRIBUTING CO. (Continued)**

**S101403952**

Operator: Not reported  
Contact Phone: Not reported  
Owner Company: NC DEPT. OF TRANSPORTATION  
Operator Address:P.O. BOX 25201  
Operator City: RALEIGH  
Oper City,St,Zip: RALEIGH, NC 27611  
Ownership: State  
Operation: Commercial  
Material: KEROSENE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Other petroleum product  
Location: Facility  
Setting: Urban  
Risk Site: Yes  
Site Priority: E060  
Priority Code: L  
Priority Update: 5/8/1998  
Dem Contact: Not reported  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: F75  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 13524  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F25**  
**NNW**  
**1/2-1**  
**3206 ft.**

**NCDOT - SERVICE DISTRIBUTING COMPANY**  
**1500 E. KING ST.**  
**BOONE, NC 28607**

**LUST** **S105766836**  
**N/A**

**Site 6 of 6 in cluster F**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3158 ft.**

Facility ID:	0-006457	UST Number:	WS-4057
Incident Number:	13524	Lat/Long Decimal:	0 0
Lat/Long:	Not reported		
Testlat:	Not reported		
Regional Officer Project Mgr:	WWW		
Region:	Winston-Salem		
Company:	NC DEPT. OF TRANSPORTATION		
Contact Person:	Not reported		
Telephone:	Not reported		
RP Address:	P.O. BOX 25201		
RP City,St,Zip:	RALEIGH, NC 27611-		
RP County:	Not reported		
Comm / Non-comm UST Site:	COMMERCIAL		
Risk Classification:	L		
Risk Class Based On Review:	U		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Not reported		
Tank Regulated Status:	R		
Contamination Type:	Soil		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	9/26/1994	Date Occur:	9/26/1994
NOV Issue Date:	Not reported	NORR Issue Date:	2/28/2001
Site Priority:	E060	Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	7	Cleanup:	9/26/1994
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0	Valid:	False
Error Code:	N		
Last Modified:	Not reported		
<b>Incident Phase:</b>	<b>Response</b>		
NOV Issued:	Not reported		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	DOT says can't do LSA because site is under roadbed		

Facility ID:	0-006457	UST Number:	WS-5169
Incident Number:	17784		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

NCDOT - SERVICE DISTRIBUTING COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S105766836

Lat/Long: Not reported Lat/Long Decimal: 0 0  
Testlat: Not reported  
Regional Officer Project Mgr: WWW  
Region: Winston-Salem  
Company: SERVICE DISTIBUTING CO., INC.  
Contact Person: CHARLES AKIN  
Telephone: Not reported  
RP Address: P. O. BOX 310  
RP City,St,Zip: ALBEMARLE, NC 28001-  
RP County: Not reported  
Comm / Non-comm UST Site: COMMERCIAL  
Risk Classification: L  
Risk Class Based On Review: 1  
Corrective Action Plan Type: Not reported  
Level Of Soil Cleanup Achieved: Residential  
Tank Regulated Status: R  
Contamination Type: Groundwater/Both  
Source Type: Leak-underground Product Type: PETROLEUM  
Date Reported: 7/7/1997 Date Occur: 4/4/1997  
NOV Issue Date: Not reported NORR Issue Date: Not reported  
Site Priority: E030 Phase Of LSA Req: Not reported  
Site Risk Reason: Gross contaminant levels Land Use: Not reported  
Closure Request: 6/24/1999 # Of Supply Wells: 0  
Close Out: Not reported  
MTBE: No MTBE1: Unknown  
Flag: No Flag1: No  
LUR Filed: Not reported Release Detection: 0  
GPS Confirmed: 7 Cleanup: 4/4/1997  
Current Status: File Located in House RBCA GW: Not reported  
PETOPT: 3 RPL: False  
CD Num: 0 Reel Num: 0  
RPOW: False RPOP: False  
Error Flag: 0  
Error Code: N Valid: False  
Last Modified: 12/11/1998  
**Incident Phase: Follow Up**  
NOV Issued: Not reported  
NORR Issued: 11/20/1998  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported  
Comments: SEE ALSO NC DOT/SERVICE DIST.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

26  
 NNW  
 1/2-1  
 3355 ft.

**FINE LINE'S INC.**  
**US 421**  
**BOONE, NC**

**LUST** **S101522347**  
**IMD** **N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3155 ft.**

Facility ID:	Not reported	UST Number:	WS-2487
Incident Number:	3638	Lat/Long Decimal:	0 0
Lat/Long:	361310 813930		
Testlat:	Not reported		
Regional Officer Project Mgr:	FTF		
Region:	Winston-Salem		
Company:	UNKNOWN		
Contact Person:	Not reported		
Telephone:	Not reported		
RP Address:	Not reported		
RP City,St,Zip:	FT		
RP County:	Not reported		
Comm / Non-comm UST Site:	COMMERCIAL		
Risk Classification:	H		
Risk Class Based On Review:	H		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Not reported		
Tank Regulated Status:	R		
Contamination Type:	Groundwater/Both		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	Not reported	Date Occur:	4/15/1988
NOV Issue Date:	Not reported	NORR Issue Date:	Not reported
Site Priority:	Not reported	Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	1/1/1993		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	7	Cleanup:	4/15/1988
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0	Valid:	False
Error Code:	N		
Last Modified:	Not reported		
<b>Incident Phase:</b>	<b>Closed Out</b>		
NOV Issued:	8/3/1988		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	Closed file sent of CO on 02/02/2006.		

IMD:

Region: WS  
 Facility ID: 3638

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FINE LINE'S INC. (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S101522347**

Date Occurred: 4/15/1988  
Submit Date: 5/4/1988  
GW Contam: Not reported  
Soil Contam: Not reported  
Incident Desc: A STRONG GASOLINE ODOR WAS ENCOUNTERED WHILE IN-STALLING A WATER LINE  
AND EXCAVATING A HYDRAULIC LIFT FROM A CAR BAG.  
Operator: FEDERAL TRUST FUND  
Contact Phone: Not reported  
Owner Company: FTF  
Operator Address:FTF  
Operator City: FTF  
Oper City,St,Zip: FTF, FT FTF  
Ownership: Private  
Operation: Residential  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: NONE  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Yes  
Site Priority: 100B  
Priority Code: H  
Priority Update: 10/9/1998  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: None  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 3638  
Last Modified: Not reported  
Incident Phase: Follow Up  
NOV Issued: 8/3/1988  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**27**  
**NNE**  
**1/2-1**  
**3424 ft.**

**HODGES & KLUTZ OIL INC**  
**2019 1/2 E KING ST**  
**BOONE, NC 00000**

**AST** **A100188114**  
**N/A**

**Relative:**  
**Higher**

AST:

Facility Id: 95006  
 Registration Number: 95002006  
 Date Application Received: Not reported  
 Facility Phone: Not reported  
 Lat/Long: Not reported  
 Status Change: Not reported  
 Date Change: Not reported  
 Coordinate Source: Not reported

**Actual:**  
**3231 ft.**

**G28**  
**NNW**  
**1/2-1**  
**3584 ft.**

**ED HARDY TRASH CO INC.**  
**1604 CHEROKEE ST.**  
**BOONE, NC 28607**

**UST** **U003143396**  
**N/A**

**Site 1 of 2 in cluster G**

**Relative:**  
**Higher**

UST:

Facility ID: 0-006893  
 Region: 04  
 Facility Telephone: (704) 264-3689  
 Last Update: 4/14/1992  
 Owner Name: GDS  
 Owner Address: PO BOX 2943  
 Owner City,St,Zip: HICKORY, NC 28603  
 Owner Phone: (704) 264-3689  
 Tank ID: 1  
 Tank capacity: 1000  
 Comment: Not reported  
 Date installed: 2/26/1982  
 Date removed: 12/31/1992  
**Status: Permanent Closed**  
 Tank product: Diesel, Diesel Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Unknown  
 Exterior Protection: Paint  
 Piping material: Unknown  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported

**Actual:**  
**3158 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ED HARDY TRASH CO INC. (Continued)**

**U003143396**

Leak Detection Type 2:	Not reported
Corrosion Protection Tank1:	Not reported
Corrosion Piping:	Not reported
Overfill:	Not reported
Compartment Tank:	No
Main Tank:	No
Tank ID Number:	Not reported
Corrosion Protection Tank Date:	Not reported
Corrosion Protection Piping Date:	Not reported
Spill Overfill Date:	Not reported
Piping System Type Code:	Not reported
Piping System Type Description:	Not reported
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported
End Certified Number:	Not reported
Facility ID:	0-006893
Region:	04
Facility Telephone:	(704) 264-3689
Last Update:	4/14/1992
Owner Name:	GDS
Owner Address:	PO BOX 2943
Owner City,St,Zip:	HICKORY, NC 28603
Owner Phone:	(704) 264-3689
Tank ID:	2
Tank capacity:	1000
Comment:	Not reported
Date installed:	1/3/1971
Date removed:	12/31/1992
<b>Status:</b>	<b>Permanent Closed</b>
Tank product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank material:	Steel
Interior Protection:	Unknown
Exterior Protection:	Paint
Piping material:	Unknown
Certify Type:	Not reported
Leak Detection Type:	Not reported
Leak Detection Piping 1:	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill:	Not reported
Financial Responsibility:	Not reported
Latitude:	.00000
Latitude 1:	Not reported
Longitude:	.00000
Longitude 1:	Not reported
GPS String Confirmed:	No
Initials of Individual Confirming GPS:	Not reported
Financial Responsibility Code:	Not reported
Financial Responsibility Description:	Not reported
Surface Water:	Not reported
Water Supply Well:	Not reported
Leak Detection Piping 2:	Not reported
Leak Detection Type 2:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ED HARDY TRASH CO INC. (Continued)**

**U003143396**

Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

**G29  
 NNW  
 1/2-1  
 3584 ft.**

**NCDOT-HARDY PROPERTY  
 1604 CHEROKEE ST.  
 BOONE, NC**

**LUST S101525261  
 IMD N/A**

**Site 2 of 2 in cluster G**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3158 ft.**

Facility ID: 0-006893  
 Incident Number: 13928 UST Number: WS-4268  
 Lat/Long: Not reported Lat/Long Decimal: 0 0  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: NC DEPT. OF TRANSPORTATION  
 Contact Person: W. E. HOKE  
 Telephone: Not reported  
 RP Address: P.O. BOX 25201  
 RP City,St,Zip: RALEIGH, NC 27611-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: L  
 Risk Class Based On Review: U  
 Corrective Action Plan Type: Not reported  
 Level Of Soil Cleanup Achieved: Not reported  
 Tank Regulated Status: R  
 Contamination Type: Soil  
 Source Type: Leak-underground Product Type: PETROLEUM  
 Date Reported: 11/4/1992 Date Occur: 9/26/1994  
 NOV Issue Date: Not reported NORR Issue Date: 2/28/2001  
 Site Priority: E040 Phase Of LSA Req: Not reported  
 Site Risk Reason: Not reported Land Use: Not reported  
 Closure Request: Not reported # Of Supply Wells: 0  
 Close Out: Not reported  
 MTBE: No MTBE1: Unknown  
 Flag: No Flag1: No  
 LUR Filed: Not reported Release Detection: 0  
 GPS Confirmed: 7 Cleanup: 9/26/1994  
 Current Status: File Located in House RBCA GW: Not reported  
 PETOPT: 3 RPL: False  
 CD Num: 0 Reel Num: 0  
 RPOW: False RPOP: False

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**NCDOT-HARDY PROPERTY (Continued)**

**S101525261**

Error Flag: 0  
 Error Code: N Valid: False  
 Last Modified: Not reported  
**Incident Phase: Response**  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Signed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported  
 Comments: Tank basin underneath US Highway 421.

**IMD:**

Region: WS  
 Facility ID: 13928  
 Date Occurred: 11/4/1992  
 Submit Date: 5/2/1995  
 GW Contam: Not reported  
 Soil Contam: Yes  
 Incident Desc: SOIL CONTAM. CONFIRMED UPON REMOVAL OF UST.  
 Operator: W. E. HOKE  
 Contact Phone: Not reported  
 Owner Company: NC DEPT. OF TRANSPORTATION  
 Operator Address: P.O. BOX 25201  
 Operator City: RALEIGH  
 Oper City, St, Zip: RALEIGH, NC 27611  
 Ownership: State  
 Operation: Commercial  
 Material: GASOLINE  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Material: KEROSENE  
 Qty Lost: Not reported  
 Qty Recovered: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: Facility  
 Setting: Residential  
 Risk Site: Yes  
 Site Priority: 040E  
 Priority Code: L  
 Priority Update: 5/30/1998  
 Dem Contact: Not reported  
 Wells Affected: Not reported  
 Num Affected: 0  
 Wells Contam: Not reported  
 Sampled By: Not reported  
 Samples Include: Not reported  
 7.5 Min Quad: Not reported  
 5 Min Quad: Not reported  
 Latitude: 36.2205  
 Longitude: -81.6578  
 Latitude Number: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**NCDOT-HARDY PROPERTY (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S101525261**

Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: CALC  
 Agency: Not reported  
 Facility ID: 13928  
 Last Modified: Not reported  
 Incident Phase: RE  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**H30**  
**West**  
**1/2-1**  
**3670 ft.**

**WATAUGA BUILDING SUPPLY. INC.**  
**400 HIGHWAY 105 EXTENSION**  
**BOONE, NC 28607**

**LUST U003143353**  
**UST N/A**

**Site 1 of 2 in cluster H**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**3202 ft.**

Facility ID: 0-006613  
 Incident Number: 13522  
 Lat/Long: Not reported  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: HODGES OIL DISTRIBUTORS  
 Contact Person: BILL MANZ  
 Telephone: Not reported  
 RP Address: P.O. BOX 312  
 RP City,St,Zip: BOONE, NC 28607-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: L  
 Risk Class Based On Review: U  
 Corrective Action Plan Type: Not reported  
 Level Of Soil Cleanup Achieved: Not reported  
 Tank Regulated Status: R  
 Contamination Type: Soil  
 Source Type: Leak-underground  
 Date Reported: 1/18/1995  
 NOV Issue Date: Not reported  
 Site Priority: E030  
 Site Risk Reason: Not reported  
 Closure Request: Not reported  
 Close Out: Not reported  
 MTBE: No  
 Flag: No  
 LUR Filed: Not reported  
 GPS Confirmed: 7  
 Current Status: File Located in House

UST Number: WS-4055  
 Lat/Long Decimal: 0 0  
 Product Type: PETROLEUM  
 Date Occur: 12/29/1994  
 NORR Issue Date: Not reported  
 Phase Of LSA Req: Not reported  
 Land Use: Not reported  
 # Of Supply Wells: 0  
 MTBE1: Unknown  
 Flag1: No  
 Release Detection: 0  
 Cleanup: 9/30/2001  
 RBCA GW: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WATAUGA BUILDING SUPPLY. INC. (Continued)**

**U003143353**

PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0	Valid:	False
Error Code:	N		
Last Modified:	Not reported		
<b>Incident Phase:</b>	<b>Response</b>		
NOV Issued:	Not reported		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	Received by State lead 5/31/05--Sent back		

UST:

Facility ID:	0-006613
Region:	04
Facility Telephone:	(704) 264-2475
Last Update:	8/5/1996
Owner Name:	HODGES OIL DISTRIBUTORS. INC.
Owner Address:	PO BOX 484
Owner City,St,Zip:	BOONE, NC 28607
Owner Phone:	(828) 264-8251
Tank ID:	1
Tank capacity:	1000
Comment:	Not reported
Date installed:	2/28/1982
Date removed:	12/29/1994
<b>Status:</b>	<b>Permanent Closed</b>
Tank product:	Gasoline, Gasoline Mixture
Product Type:	NON
Tank material:	Steel
Interior Protection:	Unknown
Exterior Protection:	Unknown
Piping material:	Steel
Certify Type:	Not reported
Leak Detection Type:	Not reported
Leak Detection Piping 1:	Not reported
Corrosn Protec Tank:	Not reported
Corrosn Protec Pipe:	Not reported
Spill and Overfill:	Not reported
Financial Responsibility:	Not reported
Latitude:	.00000
Latitude 1:	Not reported
Longitude:	.00000
Longitude 1:	Not reported
GPS String Confirmed:	No
Initials of Individual Confirming GPS:	Not reported
Financial Responsibility Code:	Not reported
Financial Responsibility Description:	Not reported
Surface Water:	Not reported
Water Supply Well:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WATAUGA BUILDING SUPPLY. INC. (Continued)**

**U003143353**

Leak Detection Piping 2:	Not reported
Leak Detection Type 2:	Not reported
Corrosion Protection Tank1:	Not reported
Corrosion Piping:	Not reported
Overfill:	Not reported
Compartment Tank:	No
Main Tank:	No
Tank ID Number:	Not reported
Corrosion Protection Tank Date:	Not reported
Corrosion Protection Piping Date:	Not reported
Spill Overfill Date:	Not reported
Piping System Type Code:	Not reported
Piping System Type Description:	Not reported
Tank Last Used Date:	Not reported
Tank Certified Number:	Not reported
Date Last Certified:	Not reported
Begin Certified Number:	Not reported
End Certified Number:	Not reported

**H31  
 West  
 1/2-1  
 3680 ft.**

**WATAUGA BUILDING SUPPLY  
 400 NC HWY 105  
 BOONE, NC**

**IMD S101403950  
 N/A**

**Site 2 of 2 in cluster H**

**Relative:  
 Higher**

**IMD:**

**Actual:  
 3199 ft.**

Region:	WS
Facility ID:	13522
Date Occurred:	12/29/1995
Submit Date:	3/10/1995
GW Contam:	Not reported
Soil Contam:	Yes
Incident Desc:	UPON REMOVAL OF ONE UST, SOIL CONTAM. WAS CONFIRMED.
Operator:	BILL MANZ
Contact Phone:	Not reported
Owner Company:	HODGES OIL DISTRIBUTORS
Operator Address:	P.O. BOX 312
Operator City:	BOONE
Oper City,St,Zip:	BOONE, NC 28607
Ownership:	Private
Operation:	Commercial
Material:	GASOLINE
Qty Lost 1:	Not reported
Qty Recovered 1:	Not reported
Source:	Leak-underground
Type:	Gasoline/diesel
Location:	Facility
Setting:	Urban
Risk Site:	Yes
Site Priority:	030E
Priority Code:	L
Priority Update:	5/30/1998
Dem Contact:	Not reported
Wells Affected:	Not reported
Num Affected:	0
Wells Contam:	Not reported
Sampled By:	Responsible Parties
Samples Include:	Soil Samples

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WATAUGA BUILDING SUPPLY (Continued)**

**S101403950**

7.5 Min Quad: Not reported  
 5 Min Quad: F76  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 13522  
 Last Modified: Not reported  
 Incident Phase: RE  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**I32 THE PANTRY 140**  
**South 1218 STATE FARM ROAD**  
**1/2-1 BOONE, NC 28607**  
**3711 ft.**

**UST U001189464**  
**N/A**

**Relative:  
 Higher**

**Site 1 of 2 in cluster I**

**Actual:  
 3115 ft.**

UST:  
 Facility ID: 0-005150  
 Region: 04  
 Facility Telephone: (828) 264-0053  
 Last Update: 5/14/2004  
 Owner Name: THE PANTRY. INC  
 Owner Address: PO BOX 1410/1801 DOUGLAS DRIVE  
 Owner City,St,Zip: SANFORD, NC 27330  
 Owner Phone: (919) 774-6700  
 Tank ID: 1  
 Tank capacity: 10000  
 Comment: Not reported  
 Date installed: 8/20/1972  
 Date removed: Not reported  
**Status: Currently In Use**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Internal Lining  
 Exterior Protection: Steel  
 Piping material: Cathodic Protection  
 Certify Type: Not reported  
 Leak Detection Type: Inventory control  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Impressed current  
 Corrosn Protec Pipe: Impressed current  
 Spill and Overfill: Catchment basins

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**THE PANTRY 140 (Continued)**

**U001189464**

Financial Responsibility: Not reported  
Latitude: 36.20110  
Latitude 1: 36 12 03.80  
Longitude: -81.65270  
Longitude 1: 81 39 09.62  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: E  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: K  
Leak Detection Type 2: Statistical inventory reconciliation  
Corrosion Protection Tank1: F  
Corrosion Piping: Not reported  
Overfill: D  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: Not reported  
Corrosion Protection Piping Date: Not reported  
Spill Overfill Date: Not reported  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2006071400  
Date Last Certified: 8/9/2006  
Begin Certified Number: 1/10/2006  
End Certified Number: Not reported

Facility ID: 0-005150  
Region: 04  
Facility Telephone: (828) 264-0053  
Last Update: 5/14/2004  
Owner Name: THE PANTRY. INC  
Owner Address: PO BOX 1410/1801 DOUGLAS DRIVE  
Owner City,St,Zip: SANFORD, NC 27330  
Owner Phone: (919) 774-6700  
Tank ID: 2  
Tank capacity: 10000  
Comment: Not reported  
Date installed: 8/20/1972  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Gasoline, Gasoline Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: Internal Lining  
Exterior Protection: Steel  
Piping material: Cathodic Protection  
Certify Type: Not reported  
Leak Detection Type: Inventory control  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Impressed current  
Corrosn Protec Pipe: Impressed current  
Spill and Overfill: Catchment basins  
Financial Responsibility: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

THE PANTRY 140 (Continued)

U001189464

Latitude: 36.20110  
Latitude 1: 36 12 03.80  
Longitude: -81.65270  
Longitude 1: 81 39 09.62  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: E  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: K  
Leak Detection Type 2: Statistical inventory reconciliation  
Corrosion Protection Tank1: F  
Corrosion Piping: Not reported  
Overfill: D  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: Not reported  
Corrosion Protection Piping Date: Not reported  
Spill Overfill Date: Not reported  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2006071400  
Date Last Certified: 8/9/2006  
Begin Certified Number: 1/10/2006  
End Certified Number: Not reported

Facility ID: 0-005150  
Region: 04  
Facility Telephone: (828) 264-0053  
Last Update: 5/14/2004  
Owner Name: THE PANTRY. INC  
Owner Address: PO BOX 1410/1801 DOUGLAS DRIVE  
Owner City,St,Zip: SANFORD, NC 27330  
Owner Phone: (919) 774-6700  
Tank ID: 3  
Tank capacity: 6000  
Comment: Not reported  
Date installed: 8/20/1972  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Gasoline, Gasoline Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: Internal Lining  
Exterior Protection: Steel  
Piping material: Cathodic Protection  
Certify Type: Not reported  
Leak Detection Type: Inventory control  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Impressed current  
Corrosn Protec Pipe: Impressed current  
Spill and Overfill: Catchment basins  
Financial Responsibility: Not reported  
Latitude: 36.20110

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**THE PANTRY 140 (Continued)**

**U001189464**

Latitude 1: 36 12 03.80  
 Longitude: -81.65270  
 Longitude 1: 81 39 09.62  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: E  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: K  
 Leak Detection Type 2: Statistical inventory reconciliation  
 Corrosion Protection Tank1: F  
 Corrosion Piping: Not reported  
 Overfill: D  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: 2006071400  
 Date Last Certified: 8/9/2006  
 Begin Certified Number: 1/10/2006  
 End Certified Number: Not reported

**33  
 NW  
 1/2-1  
 3722 ft.**

**A CLEANER WORLD NO. 108  
 130 NEW MARKET BL  
 BOONE, NC 28607**

**RCRA-SQG 1001460128  
 NCR000010603**

**Relative:  
 Higher**

**RCRA-SQG:**

**Actual:  
 3165 ft.**

Date form received by agency: 02/22/1999  
 Facility name: A CLEANER WORLD NO. 108  
 Facility address: 130 NEW MARKET BL  
 BOONE, NC 28607  
 EPA ID: NCR000010603  
 Mailing address: ENGLISH RD  
 HIGH POINT, NC 27262  
 Contact: CHRISTOPHER EDWARDS  
 Contact address: 2334 ENGLISH RD  
 HIGH POINT, NC 27262  
 Contact country: US  
 Contact telephone: (336) 841-4188  
 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: A CLEANER WORLD - BOONE, INC.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**A CLEANER WORLD NO. 108 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001460128

Owner/operator address: 2334 ENGLISH RD  
HIGH POINT, NC 27262  
Owner/operator country: Not reported  
Owner/operator telephone: (336) 841-4188  
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: Unknown  
Mixed waste (haz. and radioactive): Unknown  
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: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000  
Waste name: Not Defined

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

I34  
South  
1/2-1  
3725 ft.

**PANTRY #140-B**  
**1218 STATE FARM RD.**  
**BOONE, NC 28607**

**LUST S108407967**  
**N/A**

**Site 2 of 2 in cluster I**

Relative:  
Higher

LUST:

Actual:  
3115 ft.

Facility ID: 0-005150  
Incident Number: 30913  
Lat/Long: Not reported  
Testlat: Not reported  
Regional Officer Project Mgr: www  
Region: Winston-Salem  
Company: the pantry, inc.  
UST Number: WS-7519  
Lat/Long Decimal: 0 0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PANTRY #140-B (Continued)**

**S108407967**

Contact Person:	renee' thomas	Product Type:	PETROLEUM
Telephone:	Not reported	Date Occur:	11/29/2006
RP Address:	1801 douglas drive	NORR Issue Date:	Not reported
RP City,St,Zip:	sanford, NC 27330	Phase Of LSA Req:	Not reported
RP County:	Not reported	Land Use:	Industrial/commercial
Comm / Non-comm UST Site:	COMMERCIAL	# Of Supply Wells:	0
Risk Classification:	I	MTBE1:	Yes
Risk Class Based On Review:	I	Flag1:	No
Corrective Action Plan Type:	Not reported	Release Detection:	0
Level Of Soil Cleanup Achieved:	Not reported	Cleanup:	Not reported
Tank Regulated Status:	R	RBCA GW:	Not reported
Contamination Type:	Groundwater/Both	RPL:	False
Source Type:	Leak-underground	Reel Num:	0
Date Reported:	11/30/2006	RPOP:	False
NOV Issue Date:	Not reported	Valid:	False
Site Priority:	Not reported		
Site Risk Reason:	Free product		
Closure Request:	Not reported		
Close Out:	Not reported		
MTBE:	No		
Flag:	No		
LUR Filed:	Not reported		
GPS Confirmed:	No		
Current Status:	File Located in House		
PETOPT:	3		
CD Num:	0		
RPOW:	False		
Error Flag:	0		
Error Code:	N		

**PIRF:**

Facility Id:	30913
Date Occurred:	11/29/2006
Date Reported:	11/30/2006
Description Of Incident:	Vapors in strip mall across road. Line was leaking. Fixed
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	u
Samples Include:	Not reported
7#5 Minute Quad:	y
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Not reported
Err Type:	4
Ust Number:	P
Last Modified:	Not reported
<b>Incident Phase:</b>	<b>Not reported</b>
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PANTRY #140-B (Continued)**

**S108407967**

Corrective Action Planned: Not reported  
 SOC Signed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported  
 Comments: Not reported

**35**  
**SW**  
**1/2-1**  
**3772 ft.**

**SHADOWLINE. INCORPORATED**  
**241 SHADOWLINE ROAD**  
**BOONE, NC 28607**

**UST U001189960**  
**N/A**

**Relative:**  
**Higher**

**UST:**

**Actual:**  
**3173 ft.**

Facility ID: 0-006777  
 Region: 04  
 Facility Telephone: (828) 264-8828  
 Last Update: 12/20/2002  
 Owner Name: SHADOWLINE INCORPORATED  
 Owner Address: 550 LENIOR ROAD  
 Owner City,St,Zip: MORGANTON, NC 28655  
 Owner Phone: (828) 437-3821  
 Tank ID: 1  
 Tank capacity: 10000  
 Comment: Not reported  
 Date installed: 5/21/1958  
 Date removed: Not reported  
**Status: Currently In Use**  
 Tank product: Fuel Oil  
 Product Type: HEA  
 Tank material: Steel  
 Interior Protection: Unknown  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SHADOWLINE. INCORPORATED (Continued)**

**U001189960**

Tank ID Number: Not reported  
Corrosion Protection Tank Date: Not reported  
Corrosion Protection Piping Date: Not reported  
Spill Overfill Date: Not reported  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2005079480  
Date Last Certified: 9/23/2005  
Begin Certified Number: 1/10/2005  
End Certified Number: Not reported

Facility ID: 0-006777  
Region: 04  
Facility Telephone: (828) 264-8828  
Last Update: 12/20/2002  
Owner Name: SHADOWLINE INCORPORATED  
Owner Address: 550 LENIOR ROAD  
Owner City,St,Zip: MORGANTON, NC 28655  
Owner Phone: (828) 437-3821  
Tank ID: 2  
Tank capacity: 10000  
Comment: Not reported  
Date installed: 5/16/1976  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Fuel Oil  
Product Type: HEA  
Tank material: Steel  
Interior Protection: Unknown  
Exterior Protection: Paint  
Piping material: Steel  
Certify Type: Not reported  
Leak Detection Type: Not reported  
Leak Detection Piping 1: Not reported  
Corrosn Protec Tank: Not reported  
Corrosn Protec Pipe: Not reported  
Spill and Overfill: Not reported  
Financial Responsibility: Not reported  
Latitude: .00000  
Latitude 1: Not reported  
Longitude: .00000  
Longitude 1: Not reported  
GPS String Confirmed: No  
Initials of Individual Confirming GPS: Not reported  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: Not reported  
Leak Detection Type 2: Not reported  
Corrosion Protection Tank1: Not reported  
Corrosion Piping: Not reported  
Overfill: Not reported  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SHADOWLINE. INCORPORATED (Continued)**

**U001189960**

Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: 2005079480  
 Date Last Certified: 9/23/2005  
 Begin Certified Number: 1/10/2005  
 End Certified Number: Not reported

**36  
 NW  
 1/2-1  
 3826 ft.**

**WOOD MASONARY SUPPLY INC  
 1208 E KING STREET  
 BOONE, NC 28607**

**UST U001204104  
 N/A**

**Relative:  
 Higher**

UST:

**Actual:  
 3192 ft.**

Facility ID: 0-028260  
 Region: 04  
 Facility Telephone: (704) 297-3911  
 Last Update: Not reported  
 Owner Name: WOOD MASONARY SUPPLY INC  
 Owner Address: 1208 E KING STREET  
 Owner City,St,Zip: BOONE, NC 28607  
 Owner Phone: (704) 264-2109  
 Tank ID: 1  
 Tank capacity: 7500  
 Comment: Not reported  
 Date installed: 9/25/1974  
 Date removed: 7/27/1994  
**Status: Permanent Closed**  
 Tank product: Diesel, Diesel Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Internal Lining  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WOOD MASONARY SUPPLY INC (Continued)**

**U001204104**

Overfill: Not reported  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

Facility ID: 0-028260  
 Region: 04  
 Facility Telephone: (704) 297-3911  
 Last Update: Not reported  
 Owner Name: WOOD MASONARY SUPPLY INC  
 Owner Address: 1208 E KING STREET  
 Owner City,St,Zip: BOONE, NC 28607  
 Owner Phone: (704) 264-2109  
 Tank ID: 2  
 Tank capacity: 7500  
 Comment: Not reported  
 Date installed: 9/25/1974  
 Date removed: 7/27/1994  
**Status: Permanent Closed**  
 Tank product: Diesel, Diesel Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Unknown  
 Exterior Protection: Paint  
 Piping material: Steel  
 Certify Type: Not reported  
 Leak Detection Type: Not reported  
 Leak Detection Piping 1: Not reported  
 Corrosn Protec Tank: Not reported  
 Corrosn Protec Pipe: Not reported  
 Spill and Overfill: Not reported  
 Financial Responsibility: Not reported  
 Latitude: .00000  
 Latitude 1: Not reported  
 Longitude: .00000  
 Longitude 1: Not reported  
 GPS String Confirmed: No  
 Initials of Individual Confirming GPS: Not reported  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: Not reported  
 Leak Detection Type 2: Not reported  
 Corrosion Protection Tank1: Not reported  
 Corrosion Piping: Not reported  
 Overfill: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**WOOD MASONARY SUPPLY INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**U001204104**

Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: Not reported  
 Corrosion Protection Piping Date: Not reported  
 Spill Overfill Date: Not reported  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: Not reported  
 Date Last Certified: Not reported  
 Begin Certified Number: Not reported  
 End Certified Number: Not reported

**J37  
 WNW  
 1/2-1  
 4376 ft.**

**PANTRY #147  
 1056 EAST KING ST.  
 BOONE, NC**

**LUST S104157220  
 IMD N/A**

**Site 1 of 4 in cluster J**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3237 ft.**

Facility ID: 0-005151  
 Incident Number: 20409  
 Lat/Long: 36 13 8.16 81 39 29.82  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: THE PANTRY, INC.  
 Contact Person: RENEE THOMAS  
 Telephone: Not reported  
 RP Address: P O BOX 1410  
 RP City,St,Zip: SANFORD, NC 27330-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: I  
 Risk Class Based On Review: H  
 Corrective Action Plan Type: air sparging and soil vapor extraction  
 Level Of Soil Cleanup Achieved: Residential  
 Tank Regulated Status: R  
 Contamination Type: Groundwater/Both  
 Source Type: Leak-underground  
 Date Reported: 1/7/1999  
 NOV Issue Date: Not reported  
 Site Priority: I060  
 Site Risk Reason: Gross contaminant levels  
 Closure Request: Not reported  
 Close Out: Not reported  
 MTBE: No  
 Flag: No  
 LUR Filed: Not reported  
 GPS Confirmed: Yes  
 Current Status: File Located in House  
 PETOPT: 3  
 CD Num: 0  
 RPOW: False  
 Error Flag: 0  
 Error Code: N  
 Last Modified: Not reported

UST Number: WS-5736  
 Lat/Long Decimal: 36.218944 81.658294999999995  
 Product Type: PETROLEUM  
 Date Occur: 12/29/1998  
 NORR Issue Date: 8/10/1999  
 Phase Of LSA Req: 2  
 Land Use: Not reported  
 # Of Supply Wells: 0  
 MTBE1: Unknown  
 Flag1: No  
 Release Detection: 0  
 Cleanup: 6/5/2002  
 RBCA GW: Cleanups to 2L.0202 standards  
 RPL: False  
 Reel Num: 0  
 RPOP: False  
 Valid: False

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PANTRY #147 (Continued)**

**S104157220**

<b>Incident Phase:</b>	<b>Response</b>
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported
Comments:	Not reported

**IMD:**

Region: WS  
Facility ID: 20409  
Date Occurred: 12/29/1998  
Submit Date: 9/9/1999  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: Not reported  
Incident Desc: SOIL ANG GW CONTAM. CONFIRMED ON-SITE.  
Operator: Not reported  
Contact Phone: Not reported  
Owner Company: THE PANTRY INC.  
Operator Address:P.O. BOX 1410  
Operator City: SANFORD  
Oper City,St,Zip: SANFORD, NC 27330  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Yes  
Site Priority: 60I  
Priority Code: I  
Priority Update: 9/9/1999  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: F75  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 20409

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PANTRY #147 (Continued)**

**S104157220**

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

**J38  
 WNW  
 1/2-1  
 4376 ft.**

**THE PANTRY #147  
 1056 EAST KING STREET  
 BOONE, NC**

**LUST TRUST S105219544  
 N/A**

**Site 2 of 4 in cluster J**

**Relative:  
 Higher**

**LUST TRUST:**

**Actual:  
 3237 ft.**

Facility ID: 0-005151  
 Site ID: 20409  
 Site Note: Deductible has changed from \$75,000 to \$20,000. Amount owned to RP paid by in-house appeal. See claim note for 201.  
 Site Eligible?: True  
 Commercial Find: 100% Commercial  
 Priority Rank: Not reported  
 Deductable Amount: 20000  
 3rd Party Deductable Amt: 0  
 Sum 3rd Party Amt Applied: 0

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

**J39  
 WNW  
 1/2-1  
 4393 ft.**

**WATAUGA READY MIX CORP.  
 WOOD CIRCLE  
 BOONE, NC**

**LUST S101166024  
 IMD N/A**

**Site 3 of 4 in cluster J**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3247 ft.**

Facility ID: 0-005790  
 Incident Number: 5464  
 Lat/Long: Not reported  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: WATAUGA READY MIX CORP.  
 Contact Person: TED GREEN  
 Telephone: Not reported  
 RP Address: RT 6 BOX 906  
 RP City,St,Zip: BOONE, NC 28607-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: L

UST Number: WS-2577  
 Lat/Long Decimal: 0 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

WATAUGA READY MIX CORP. (Continued)

S101166024

Risk Class Based On Review: L  
Corrective Action Plan Type: Not reported  
Level Of Soil Cleanup Achieved: Soil to Groundwater  
Tank Regulated Status: R  
Contamination Type: Not reported  
Source Type: Leak-underground  
Date Reported: 12/1/1989  
NOV Issue Date: 3/6/1990  
Site Priority: D070  
Site Risk Reason: Not reported  
Closure Request: 12/6/1999  
Close Out: 4/12/2000  
MTBE: No  
Flag: No  
LUR Filed: Not reported  
GPS Confirmed: 7  
Current Status: File Located in Archives  
PETOPT: 3  
CD Num: 123  
RPOW: False  
Error Flag: 0  
Error Code: N  
Last Modified: 5/1/2000  
**Incident Phase: Closed Out**  
NOV Issued: 3/6/1990  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: 4/12/2000  
Comments: Not reported

Product Type: PETROLEUM  
Date Occur: 5/20/1991  
NORR Issue Date: Not reported  
Phase Of LSA Req: Not reported  
Land Use: Not reported  
# Of Supply Wells: 0  
MTBE1: Unknown  
Flag1: No  
Release Detection: 0  
Cleanup: 5/20/1991  
RBCA GW: Not reported  
RPL: False  
Reel Num: 0  
RPOP: False  
Valid: False

IMD:

Region: WS  
Facility ID: 5464  
Date Occurred: 2/21/1990  
Submit Date: 3/6/1990  
GW Contam: Not reported  
Soil Contam: Not reported  
Incident Desc: SOIL SAMPLES INDICATED CONTAMINATION AFTER TANKS WERE REMOVED.  
Operator: TED GREEN  
Contact Phone: Not reported  
Owner Company: WATAUGA READY MIX CORP.  
Operator Address: RT 6 BOX 906  
Operator City: BOONE  
Oper City, St, Zip: BOONE, NC 28607  
Ownership: Private  
Operation: Industrial  
Material: DIESEL  
Qty Lost 1: Not reported  
Qty Recovered 1: NONE  
Material: GASOLINE  
Qty Lost: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WATAUGA READY MIX CORP. (Continued)**

**S101166024**

Qty Recovered: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: Facility  
 Setting: Industrial  
 Risk Site: Yes  
 Site Priority: 070D  
 Priority Code: L  
 Priority Update: 5/30/1998  
 Dem Contact: Not reported  
 Wells Affected: No  
 Num Affected: 0  
 Wells Contam: Not reported  
 Sampled By: Responsible Parties  
 Samples Include: Soil Samples  
 7.5 Min Quad: Not reported  
 5 Min Quad: Not reported  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 5464  
 Last Modified: 5/1/2000  
 Incident Phase: Closed Out  
 NOV Issued: 3/6/1990  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: 4/12/2000

**K40  
 SW  
 1/2-1  
 4457 ft.**

**BOONE TIRE CENTER  
 1100 BLOWING ROCK ROAD  
 BOONE, NC**

**LUST S105703061  
 IMD N/A**

**Site 1 of 2 in cluster K**

**Relative:  
 Higher**

**Actual:  
 3146 ft.**

LUST:  
 Facility ID: Not reported  
 Incident Number: 30048 UST Number: WS-40  
 Lat/Long: Not reported Lat/Long Decimal: 0 0  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: W.S. & EDNA COLLINS  
 Contact Person: Not reported  
 Telephone: Not reported  
 RP Address: 300 MYRTLE GREEN DR.  
 RP City,St,Zip: CONWAY, SC

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOONE TIRE CENTER (Continued)**

**S105703061**

RP County:	WATAUGA	Product Type:	PETROLEUM
Comm / Non-comm UST Site:	COMMERCIAL	Date Occur:	10/30/2001
Risk Classification:	Not reported	NORR Issue Date:	Not reported
Risk Class Based On Review:	U	Phase Of LSA Req:	Not reported
Corrective Action Plan Type:	Not reported	Land Use:	Not reported
Level Of Soil Cleanup Achieved:	Not reported	# Of Supply Wells:	0
Tank Regulated Status:	R		
Contamination Type:	Soil	MTBE1:	Unknown
Source Type:	Leak-underground	Flag1:	No
Date Reported:	12/4/2001	Release Detection:	0
NOV Issue Date:	Not reported	Cleanup:	12/4/2001
Site Priority:	Not reported	RBCA GW:	Not reported
Site Risk Reason:	CF	RPL:	True
Closure Request:	Not reported	Reel Num:	0
Close Out:	Not reported	RPOP:	False
MTBE:	No	Valid:	True
Flag:	No		
LUR Filed:	Not reported		
GPS Confirmed:	7		
Current Status:	File Located in House		
PETOPT:	3		
CD Num:	0		
RPOW:	False		
Error Flag:	0		
Error Code:	N		

**PIRF:**

Facility Id:	30048
Date Occurred:	10/30/2001
Date Reported:	10/10/2002
Description Of Incident:	NC DOT site assessment found soil contamination at former UST location
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	U
Samples Include:	Not reported
7#5 Minute Quad:	Y
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Not reported
Err Type:	9
Ust Number:	C

Last Modified:	Not reported
<b>Incident Phase:</b>	<b>Response</b>
NOV Issued:	Not reported
NORR Issued:	7/22/2005
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOONE TIRE CENTER (Continued)**

**S105703061**

Closure Request Date: Not reported  
Close-out Report: Not reported  
Comments: NC DOT PREBUY..Norr sent to Brent Hodges. From reply it looks like he is not the owner. Ownership of the tanks is unknown at this time.

IMD:

Region: WS  
Facility ID: 30048  
Date Occurred: 10/30/2001  
Submit Date: 10/10/2002  
GW Contam: No Groundwater Contamination detected  
Soil Contam: Yes  
Incident Desc: NC DOT site assessment found soil contamination at former UST location  
Operator: Not reported  
Contact Phone: Not reported  
Owner Company: W.S. & EDNA COLLINS  
Operator Address:300 MYRTLE GREEN DR.  
Operator City: CONWAY  
Oper City,St,Zip: CONWAY, SC  
Ownership: Private  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Not reported  
Risk Site: Not reported  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: WWW  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: DWM  
Facility ID: 30048  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: 7/22/2005  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOONE TIRE CENTER (Continued)**

EDR ID Number  
 EPA ID Number

**S105703061**

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

**L41  
 SSW  
 1/2-1  
 4527 ft.**

**TRU BUY #50 (PANTRY#3789)  
 1778 BLOWING ROCK ROAD  
 BOONE, NC 28607**

**LUST S107563022  
 LUST TRUST N/A**

**Site 1 of 4 in cluster L**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3120 ft.**

Facility ID:	0-005158	UST Number:	WS-7330
Incident Number:	30721	Lat/Long Decimal:	0 0
Lat/Long:	Not reported		
Testlat:	Not reported		
Regional Officer Project Mgr:	WWW		
Region:	Winston-Salem		
Company:	LEE MOORE OIL		
Contact Person:	MARK MADDOX		
Telephone:	9198956000		
RP Address:	P O DRAWER 9		
RP City,St,Zip:	SANFORD, NC 27331-		
RP County:	Not reported		
Comm / Non-comm UST Site:	COMMERCIAL		
Risk Classification:	L		
Risk Class Based On Review:	L		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Not reported		
Tank Regulated Status:	R		
Contamination Type:	Groundwater/Both		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	2/8/2006	Date Occur:	1/26/2006
NOV Issue Date:	Not reported	NORR Issue Date:	Not reported
Site Priority:	Not reported	Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Yes
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	No	Cleanup:	Not reported
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	True	RPOP:	False
Error Flag:	0		
Error Code:	N	Valid:	True

**PIRF:**

Facility Id: 30721  
 Date Occurred: 1/26/2006  
 Date Reported: 2/8/2006  
 Description Of Incident: Prebuy uncovered contamination  
 Owner/Operator: Not reported  
 Ownership: 4  
 Operation Type: 6

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**TRU BUY #50 (PANTRY#3789) (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S107563022**

Type: 4  
 Location: 1  
 Site Priority: Not reported  
 Priority Update: Not reported  
 Wells Affected Y/N: u  
 Samples Include: Not reported  
 7#5 Minute Quad: y  
 5 Minute Quad: Not reported  
 Pirf/Min Soil: Not reported  
 Release Code: Not reported  
 Source Code: Not reported  
 Err Type: 9  
 Ust Number: P

Last Modified: Not reported  
**Incident Phase: Response**  
 NOV Issued: Not reported  
 NORR Issued: 2/27/2006  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Signed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

Comments: Pantry is buying the business and all assests - tanks, dispensers, I.e., site.  
 Pantry is now operating.

**LUST TRUST:**

Facility ID: 0-005158  
 Site ID: 30721  
 Site Note: Commercial; \$20,000 deductible; 100% eligible for costs that exceed the \$20,000 deductible.[CGS 10/25/07]  
 Site Eligible?: True  
 Commercial Find: 100% Commercial  
 Priority Rank: Not reported  
 Deductable Amount: 20000  
 3rd Party Deductable Amt: 0  
 Sum 3rd Party Amt Applied: 0

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

L42  
 SSW  
 1/2-1  
 4527 ft.

**TRU BUY #50 (PANTRY#3789)  
 1778 BLOWING ROCK ROAD  
 BONE, NC**

**IMD S107671915  
 N/A**

**Site 2 of 4 in cluster L**

Relative:  
 Higher

IMD:  
 Region: Not reported  
 Facility ID: 30721  
 Date Occurred: 1/26/2006  
 Submit Date: 2/8/2006  
 GW Contam: Yes, Groundwater Contamination has been detected  
 Soil Contam: No

Actual:  
 3120 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TRU BUY #50 (PANTRY#3789) (Continued)**

**S107671915**

Incident Desc: Prebuy uncovered contamination  
Operator: MARK MADDIX  
Contact Phone: 9198956000  
Owner Company: LEE MOORE OIL  
Operator Address: P O DRAWER 9  
Operator City: SANFORD  
Oper City, St, Zip: SANFORD, NC 27331  
Ownership: Private  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Not reported  
Risk Site: Not reported  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: WWW  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: EST  
Agency: DWM  
Facility ID: 30721  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: 2/27/2006  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**K43**  
**WSW**  
**1/2-1**  
**4546 ft.**

**DOLLAR MART 7**  
**1055 BLOWING ROCK RD**  
**BOONE, NC 28607**

**LUST** **U001187314**  
**UST** **N/A**

**Site 2 of 2 in cluster K**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**3146 ft.**

Facility ID:	0-001967	UST Number:	WS-5417
Incident Number:	18675	Lat/Long Decimal:	36.205249999999999 81.668369999999996
Lat/Long:	361200 814030		
Testlat:	Not reported		
Regional Officer Project Mgr:	WWW		
Region:	Winston-Salem		
Company:	COLVARD OIL		
Contact Person:	Not reported		
Telephone:	Not reported		
RP Address:	PO BOX 7		
RP City,St,Zip:	WEST JEFFERSON, NC 28694-		
RP County:	Not reported		
Comm / Non-comm UST Site:	COMMERCIAL		
Risk Classification:	H		
Risk Class Based On Review:	I		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Soil to Groundwater		
Tank Regulated Status:	R		
Contamination Type:	Groundwater/Both		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	12/15/1997	Date Occur:	6/20/1997
NOV Issue Date:	Not reported	NORR Issue Date:	7/5/2001
Site Priority:	B100	Phase Of LSA Req:	Not reported
Site Risk Reason:	FGS	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Yes
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	3	Cleanup:	12/15/1997
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0	Valid:	False
Error Code:	N		
Last Modified:	8/10/1998		
<b>Incident Phase:</b>	<b>Follow Up</b>		
NOV Issued:	Not reported		
NORR Issued:	6/8/1998		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	9/5/01- Additional well requested in ust pit::		

**UST:**

Facility ID: 0-001967

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**DOLLAR MART 7 (Continued)**

**U001187314**

Region: 04  
Facility Telephone: (828) 246-5088  
Last Update: 5/6/2004  
Owner Name: COLVARD OIL CO. INC  
Owner Address: PO BOX 7  
Owner City,St,Zip: WEST JEFFERSON, NC 28694  
Owner Phone: (336) 246-4231  
Tank ID: 001  
Tank capacity: 8000  
Comment: Not reported  
Date installed: 11/5/1973  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Gasoline, Gasoline Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: Internal Lining  
Exterior Protection: Cathodic Protection  
Piping material: Cathodic Protection  
Certify Type: Not reported  
Leak Detection Type: Periodic tank tightness testing  
Leak Detection Piping 1: Automatic line leak detectors  
Corrosn Protec Tank: Interior lining  
Corrosn Protec Pipe: Interior lining  
Spill and Overfill: Catchment basins  
Financial Responsibility: Not reported  
Latitude: 36.20522  
Latitude 1: 36 12 18.81  
Longitude: 81.66845  
Longitude 1: 81 40 06.41  
GPS String Confirmed: Yes  
Initials of Individual Confirming GPS: SRV  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: I  
Leak Detection Type 2: Inventory control  
Corrosion Protection Tank1: B  
Corrosion Piping: Not reported  
Overfill: B  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: 1/6/1990  
Corrosion Protection Piping Date: 1/6/1990  
Spill Overfill Date: 1/4/1994  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 200702590O  
Date Last Certified: 5/1/2007  
Begin Certified Number: 5/1/2007  
End Certified Number: Not reported  
  
Facility ID: 0-001967  
Region: 04

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DOLLAR MART 7 (Continued)**

**U001187314**

Facility Telephone: (828) 246-5088  
 Last Update: 5/6/2004  
 Owner Name: COLVARD OIL CO. INC  
 Owner Address: PO BOX 7  
 Owner City,St,Zip: WEST JEFFERSON, NC 28694  
 Owner Phone: (336) 246-4231  
 Tank ID: 002  
 Tank capacity: 8000  
 Comment: Not reported  
 Date installed: 11/5/1973  
 Date removed: Not reported  
**Status: Currently In Use**  
 Tank product: Gasoline, Gasoline Mixture  
 Product Type: NON  
 Tank material: Steel  
 Interior Protection: Internal Lining  
 Exterior Protection: Cathodic Protection  
 Piping material: Cathodic Protection  
 Certify Type: Not reported  
 Leak Detection Type: Periodic tank tightness testing  
 Leak Detection Piping 1: Automatic line leak detectors  
 Corrosn Protec Tank: Interior lining  
 Corrosn Protec Pipe: Impressed current  
 Spill and Overfill: Catchment basins  
 Financial Responsibility: Not reported  
 Latitude: 36.20522  
 Latitude 1: 36 12 18.81  
 Longitude: 81.66845  
 Longitude 1: 81 40 06.41  
 GPS String Confirmed: Yes  
 Initials of Individual Confirming GPS: SRV  
 Financial Responsibility Code: Not reported  
 Financial Responsibility Description: Not reported  
 Surface Water: Not reported  
 Water Supply Well: Not reported  
 Leak Detection Piping 2: I  
 Leak Detection Type 2: Inventory control  
 Corrosion Protection Tank1: B  
 Corrosion Piping: Not reported  
 Overfill: B  
 Compartment Tank: No  
 Main Tank: No  
 Tank ID Number: Not reported  
 Corrosion Protection Tank Date: 1/6/1990  
 Corrosion Protection Piping Date: 1/6/1990  
 Spill Overfill Date: 1/4/1994  
 Piping System Type Code: Not reported  
 Piping System Type Description: Not reported  
 Tank Last Used Date: Not reported  
 Tank Certified Number: 2007025900  
 Date Last Certified: 5/1/2007  
 Begin Certified Number: 5/1/2007  
 End Certified Number: Not reported  
  
 Facility ID: 0-001967  
 Region: 04  
 Facility Telephone: (828) 246-5088

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**DOLLAR MART 7 (Continued)**

**U001187314**

Last Update: 5/6/2004  
Owner Name: COLVARD OIL CO. INC  
Owner Address: PO BOX 7  
Owner City,St,Zip: WEST JEFFERSON, NC 28694  
Owner Phone: (336) 246-4231  
Tank ID: 003  
Tank capacity: 6000  
Comment: Not reported  
Date installed: 11/5/1973  
Date removed: Not reported  
**Status: Currently In Use**  
Tank product: Gasoline, Gasoline Mixture  
Product Type: NON  
Tank material: Steel  
Interior Protection: Internal Lining  
Exterior Protection: Cathodic Protection  
Piping material: Cathodic Protection  
Certify Type: Not reported  
Leak Detection Type: Periodic tank tightness testing  
Leak Detection Piping 1: Automatic line leak detectors  
Corrosn Protec Tank: Interior lining  
Corrosn Protec Pipe: Impressed current  
Spill and Overfill: Catchment basins  
Financial Responsibility: Not reported  
Latitude: 36.20522  
Latitude 1: 36 12 18.81  
Longitude: 81.66845  
Longitude 1: 81 40 06.41  
GPS String Confirmed: Yes  
Initials of Individual Confirming GPS: SRV  
Financial Responsibility Code: Not reported  
Financial Responsibility Description: Not reported  
Surface Water: Not reported  
Water Supply Well: Not reported  
Leak Detection Piping 2: I  
Leak Detection Type 2: Inventory control  
Corrosion Protection Tank1: B  
Corrosion Piping: Not reported  
Overfill: B  
Compartment Tank: No  
Main Tank: No  
Tank ID Number: Not reported  
Corrosion Protection Tank Date: 1/6/1990  
Corrosion Protection Piping Date: 1/6/1990  
Spill Overfill Date: 1/4/1994  
Piping System Type Code: Not reported  
Piping System Type Description: Not reported  
Tank Last Used Date: Not reported  
Tank Certified Number: 2007025900  
Date Last Certified: 5/1/2007  
Begin Certified Number: 5/1/2007  
End Certified Number: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J44**  
**WNW**  
**1/2-1**  
**4565 ft.**

**DOLLAR MART #7**  
**HWY 221 / 321**  
**BOONE, NC**

**LUST TRUST**  
**IMD**

**S103130504**  
**N/A**

**Relative:**  
**Higher**

**Site 4 of 4 in cluster J**

**Actual:**  
**3267 ft.**

LUST TRUST:  
 Facility ID: 0-001967  
 Site ID: 18675  
 Site Note: Not reported  
 Site Eligible?: True  
 Commercial Find: 100% Commercial  
 Priority Rank: Not reported  
 Deductable Amount: 20000  
 3rd Party Deductable Amt: 0  
 Sum 3rd Party Amt Applied: 0

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

IMD:

Region: WS  
 Facility ID: 18675  
 Date Occurred: 6/20/1997  
 Submit Date: 6/26/1998  
 GW Contam: Yes, Groundwater Contamination has been detected  
 Soil Contam: Not reported  
 Incident Desc: SOIL CONTAM. WAS CONFIRMED DURING DOT ROAD CONSTRUCTION.  
 Operator: LARRY DOLLAR  
 Contact Phone: Not reported  
 Owner Company: COLVARD OIL CO., INC.  
 Operator Address: P.O. BOX 7  
 Operator City: W. JEFFERSON  
 Oper City, St, Zip: W. JEFFERSON, NC 28694  
 Ownership: Private  
 Operation: Commercial  
 Material: GASOLINE  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: Facility  
 Setting: Urban  
 Risk Site: Yes  
 Site Priority: 100H  
 Priority Code: H  
 Priority Update: 6/26/1998  
 Dem Contact: Not reported  
 Wells Affected: No  
 Num Affected: Not reported  
 Wells Contam: Not reported  
 Sampled By: Responsible Parties  
 Samples Include: Soil Samples  
 7.5 Min Quad: Not reported  
 5 Min Quad: F96  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DOLLAR MART #7 (Continued)**

**S103130504**

Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 18675  
 Last Modified: 8/10/1998  
 Incident Phase: Follow Up  
 NOV Issued: Not reported  
 NORR Issued: 6/8/1998  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**L45**  
**SSW**  
**1/2-1**  
**4569 ft.**

**HOLIDAY BP - LOWES**  
**1801 BLOWING ROCK RD.**  
**BOONE, NC**

**LUST** **S105043636**  
**IMD** **N/A**

**Site 3 of 4 in cluster L**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**3120 ft.**

Facility ID: 0-006334	UST Number: WS-5818
Incident Number: 20924	Lat/Long Decimal: 0 0
Lat/Long: 361155 813900	
Testlat: Not reported	
Regional Officer Project Mgr: WWW	
Region: Winston-Salem	
Company: LOWE'S HOME CENTERS, INC.	
Contact Person: Not reported	
Telephone: 3366584822	
RP Address: 1203 SCHOOL STREET	
RP City,St,Zip: WILKESBORO, NC 28869-7	
RP County: WILKES	
Comm / Non-comm UST Site: BOTH	
Risk Classification: I	
Risk Class Based On Review: I	
Corrective Action Plan Type: Not reported	
Level Of Soil Cleanup Achieved: Not reported	
Tank Regulated Status: R	
Contamination Type: Groundwater/Both	
Source Type: Leak-underground	Product Type: PETROLEUM
Date Reported: 1/1/1999	Date Occur: Not reported
NOV Issue Date: Not reported	NORR Issue Date: 3/19/2001
Site Priority: Not reported	Phase Of LSA Req: Not reported
Site Risk Reason: Surface water	Land Use: Residential
Closure Request: 9/1/2002	# Of Supply Wells: 0
Close Out: 9/12/2002	
MTBE: No	MTBE1: Unknown
Flag: No	Flag1: No
LUR Filed: Not reported	Release Detection: 0
GPS Confirmed: 7	Cleanup: 1/1/1999
Current Status: File Located in Archives	RBCA GW: Not reported
PETOPT: Not reported	RPL: False

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HOLIDAY BP - LOWES (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S105043636**

CD Num:	219	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0		
Error Code:	N	Valid:	False
Last Modified:	Not reported		
<b>Incident Phase:</b>	<b>Closed Out</b>		
NOV Issued:	Not reported		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	MW PERMIT TO INVESTIGATE ENVIRONMENTAL CONDITIONS OF CURRENT BP		

**IMD:**

Region: WS  
 Facility ID: 20924  
 Date Occurred: 1/1/1999  
 Submit Date: 12/14/1999  
 GW Contam: Yes, Groundwater Contamination has been detected  
 Soil Contam: Not reported  
 Incident Desc: SOIL AND GW CONTAM. CONFIRMED.  
 Operator: TED HALL  
 Contact Phone: Not reported  
 Owner Company: MOUNTAIN OIL CO.  
 Operator Address: P.O BOX 608  
 Operator City: BOONE  
 Oper City,St,Zip: BOONE, NC 28607  
 Ownership: Private  
 Operation: Commercial  
 Material: GASOLINE  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: Facility  
 Setting: Urban  
 Risk Site: Yes  
 Site Priority: 60I  
 Priority Code: I  
 Priority Update: 12/14/1999  
 Dem Contact: Not reported  
 Wells Affected: No  
 Num Affected: Not reported  
 Wells Contam: Not reported  
 Sampled By: Other  
 Samples Include: Groundwater Samples  
 7.5 Min Quad: Not reported  
 5 Min Quad: F75  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HOLIDAY BP - LOWES (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 20924  
 Last Modified: Not reported  
 Incident Phase: RE  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**S105043636**

**46  
 WSW  
 1/2-1  
 4592 ft.**

**APPALACHIAN EXXON (FMR BLUE RI  
 1023 BLOWING ROCK ROAD  
 BOONE, NC**

**LUST S106896338  
 IMD N/A**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3146 ft.**

Facility ID: 0-005057	UST Number: WS-7106
Incident Number: 30554	Lat/Long Decimal: 0 0
Lat/Long: Not reported	
Testlat: Not reported	
Regional Officer Project Mgr: KJH	
Region: Winston-Salem	
Company: GOUGE TRANSPORTATION & EQUIP.	
Contact Person: JEFF GOUGE	
Telephone: 8287654040	
RP Address: P O BXO 405	
RP City,St,Zip: SPRUCE PINE, NC 28777-	
RP County: Not reported	
Comm / Non-comm UST Site: COMMERCIAL	
Risk Classification: U	
Risk Class Based On Review: U	
Corrective Action Plan Type: Not reported	
Level Of Soil Cleanup Achieved: Not reported	
Tank Regulated Status: R	
Contamination Type: Groundwater/Both	
Source Type: Leak-underground	Product Type: PETROLEUM
Date Reported: 5/17/2005	Date Occur: 9/1/2003
NOV Issue Date: Not reported	NORR Issue Date: Not reported
Site Priority: Not reported	Phase Of LSA Req: Not reported
Site Risk Reason: Not reported	Land Use: Industrial/commercial
Closure Request: Not reported	# Of Supply Wells: 0
Close Out: Not reported	
MTBE: No	MTBE1: Yes
Flag: No	Flag1: No
LUR Filed: Not reported	Release Detection: 0
GPS Confirmed: 7	Cleanup: 4/20/2005
Current Status: File Located in House	RBCA GW: Not reported
PETOPT: 3	RPL: False
CD Num: 0	Reel Num: 0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

APPALACHIAN EXXON (FMR BLUE RI (Continued)

EDR ID Number  
EPA ID Number

Database(s)

Site

S106896338

RPOW: True RPOP: True  
Error Flag: 0  
Error Code: N Valid: False

PIRF:

Facility Id: 30554  
Date Occurred: 9/1/2003  
Date Reported: 5/17/2005  
Description Of Incident: Gasoline and WO tanks removed. MW adjacent to gasoline tank excavation had contamination > 2L. WO had soil contamination.  
Owner/Operator: Not reported  
Ownership: 4  
Operation Type: 5  
Type: 3  
Location: 1  
Site Priority: Not reported  
Priority Update: Not reported  
Wells Affected Y/N: u  
Samples Include: Not reported  
7#5 Minute Quad: y  
5 Minute Quad: Not reported  
Pirf/Min Soil: Not reported  
Release Code: Not reported  
Source Code: Not reported  
Err Type: 5  
Ust Number: P

Last Modified: Not reported  
**Incident Phase: Not reported**  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported  
Comments: Same site as Blue Ridge Exxon, #3115, but not original tanks from Blue Ridge site - different owner.

IMD:

Region: Not reported  
Facility ID: 30554  
Date Occurred: 9/1/2003  
Submit Date: 5/17/2005  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: Gasoline and WO tanks removed. MW adjacent to gasoline tank excavation had contamination > 2L. WO had soil contamination.  
Operator: JEFF GOUGE  
Contact Phone: 8287654040  
Owner Company: GOUGE TRANSPORTATION & EQUIP.  
Operator Address: P O BXO 405  
Operator City: SPRUCE PINE  
Oper City,St,Zip: SPRUCE PINE, NC 28777-

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**APPALACHIAN EXXON (FMR BLUE RI (Continued))**

**S106896338**

Ownership: Private  
 Operation: Industrial  
 Material: Not reported  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: Facility  
 Setting: Not reported  
 Risk Site: Unknown  
 Site Priority: Not reported  
 Priority Code: Not reported  
 Priority Update: Not reported  
 Dem Contact: kjh  
 Wells Affected: Unknown  
 Num Affected: Not reported  
 Wells Contam: Not reported  
 Sampled By: y  
 Samples Include: Not reported  
 7.5 Min Quad: Not reported  
 5 Min Quad: Not reported  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: 7  
 Agency: DWM  
 Facility ID: 30554  
 Last Modified: Not reported  
 Incident Phase: Closed Out  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

L47  
 SSW  
 1/2-1  
 4664 ft.

**WATAUGA READY MIX CORP.  
 HWY 321 SOUTH  
 BOONE, NC**

**IMD S101574053  
 N/A**

**Site 4 of 4 in cluster L**

Relative:  
 Higher

IMD:  
 Region: WS  
 Facility ID: 13686  
 Date Occurred: 3/8/1991  
 Submit Date: 3/28/1995  
 GW Contam: Not reported  
 Soil Contam: Not reported  
 Incident Desc: DETECTED DEISEL

Actual:  
 3120 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**WATAUGA READY MIX CORP. (Continued)**

**S101574053**

Operator: TED M. GREEN  
Contact Phone: Not reported  
Owner Company: WATAUGA READY MIX CORP.  
Operator Address: RT 6 BOX 906  
Operator City: BOONE  
Oper City, St, Zip: BOONE, NC 28607  
Ownership: Private  
Operation: Industrial  
Material: DIESEL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Industrial  
Risk Site: Yes  
Site Priority: 020C  
Priority Code: L  
Priority Update: 5/30/1998  
Dem Contact: SABRA ELDER  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 13686  
Last Modified: Not reported  
Incident Phase: RE  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**M48**  
**WSW**  
**1/2-1**  
**4790 ft.**

**JONES PROPERTY -SHERATON**  
**US 321-221 / NC 105**  
**BOONE, NC**

**LUST** **S100047001**  
**IMD** **N/A**

**Site 1 of 4 in cluster M**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3144 ft.**

Facility ID:	N/A	UST Number:	WS-2491
Incident Number:	3677	Lat/Long Decimal:	0 0
Lat/Long:	Not reported		
Testlat:	Not reported		
Regional Officer Project Mgr:	WWW		
Region:	Winston-Salem		
Company:	TRI PROPERTIES, INC.		
Contact Person:	Not reported		
Telephone:	Not reported		
RP Address:	1009 SLATER RD., SUITE 110		
RP City,St,Zip:	DURHAM, NC 27703-		
RP County:	Not reported		
Comm / Non-comm UST Site:	COMMERCIAL		
Risk Classification:	L		
Risk Class Based On Review:	I		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Soil to Groundwater		
Tank Regulated Status:	R		
Contamination Type:	Groundwater/Both		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	7/12/1987	Date Occur:	Not reported
NOV Issue Date:	6/27/1988	NORR Issue Date:	Not reported
Site Priority:	E075	Phase Of LSA Req:	Not reported
Site Risk Reason:	Gross contaminant levels	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	7	Cleanup:	10/1/1998
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0	Valid:	False
Error Code:	N		
Last Modified:	Not reported		
<b>Incident Phase:</b>	<b>Follow Up</b>		
NOV Issued:	Not reported		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	Not reported		

IMD:

Region: WS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**JONES PROPERTY -SHERATON (Continued)**

**S100047001**

Facility ID: 3677  
Date Occurred: 1/28/1988  
Submit Date: 6/24/1988  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: Not reported  
Incident Desc: WHILE INVESTIGATING AN INCIDENT AT BLUE RIDGE EXXON, A MONITOR WELL  
CONST. ON ADJACENT PROPERTY OWNED BY MR. JONES WAS FOUND TO HAVE FREE  
PRODUCT.  
Operator: SEBY JONES  
Contact Phone: Not reported  
Owner Company: TRI PROPERTIES, INC.  
Operator Address:1009 SLATER RD.  
Operator City: RALEIGH  
Oper City,St,Zip: RALEIGH, NC 27703  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: NONE  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Urban  
Risk Site: Yes  
Site Priority: 075E  
Priority Code: L  
Priority Update: 10/9/1998  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Other  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: F76  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 3677  
Last Modified: Not reported  
Incident Phase: Follow Up  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**M49**  
**WSW**  
**1/2-1**  
**4790 ft.**

**WENDY'S-BOONE**  
**HWY 321 / 105**  
**BOONE, NC**

**IMD S101524341**  
**N/A**

**Site 2 of 4 in cluster M**

**Relative:**  
**Higher**

IMD:

**Actual:**  
**3144 ft.**

Region: WS  
 Facility ID: 11156  
 Date Occurred: 9/23/1993  
 Submit Date: 11/2/1993  
 GW Contam: Not reported  
 Soil Contam: Yes  
 Incident Desc: SOIL CONTAM. CONFIRMED WHEN REMOVING TANKS.  
 Operator: Not reported  
 Contact Phone: Not reported  
 Owner Company: COLVARD OIL CO., INC.  
 Operator Address: PO BOX 7  
 Operator City: WEST JEFFERSON  
 Oper City, St, Zip: WEST JEFFERSON, NC 28694  
 Ownership: Not Reported  
 Operation: Not Reported  
 Material: GASOLINE  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Material: DIESEL  
 Qty Lost: Not reported  
 Qty Recovered: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: 8  
 Setting: Urban  
 Risk Site: Yes  
 Site Priority: E060  
 Priority Code: L  
 Priority Update: 5/8/1998  
 Dem Contact: Not reported  
 Wells Affected: No  
 Num Affected: 0  
 Wells Contam: Not reported  
 Sampled By: Other  
 Samples Include: Not reported  
 7.5 Min Quad: Not reported  
 5 Min Quad: F75  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 11156  
 Last Modified: 1/27/1999  
 Incident Phase: Follow Up  
 NOV Issued: Not reported  
 NORR Issued: 12/15/1998  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WENDY'S-BOONE (Continued)**

**S101524341**

Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported  
 Closure Request Date: Not reported  
 Close-out Report: Not reported

**M50 PANNTRY #410**  
**WSW 801 BLOWING ROCK ROAD**  
**1/2-1 BOONE, NC**  
**4957 ft.**

**LUST TRUST S108117072**  
**N/A**

**Site 3 of 4 in cluster M**

**Relative:  
 Higher**

LUST TRUST:  
 Facility ID: Not reported  
 Site ID: 30158  
 Site Note: Not reported  
 Site Eligible?: True  
 Commercial Find: 100% Commercial  
 Priority Rank: Not reported  
 Deductable Amount: 20000  
 3rd Party Deductable Amt: 0  
 Sum 3rd Party Amt Applied: 0

**Actual:  
 3144 ft.**

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

**M51 PANNTRY #410, THE**  
**WSW 801 BLOWING ROCK ROAD**  
**1/2-1 BOONE, NC**  
**4957 ft.**

**LUST S105897982**  
**IMD N/A**

**Site 4 of 4 in cluster M**

**Relative:  
 Higher**

LUST:  
 Facility ID: 0-005155  
 Incident Number: 30158 UST Number: WS-6643  
 Lat/Long: 361148 813920 Lat/Long Decimal: 0 0  
 Testlat: Not reported  
 Regional Officer Project Mgr: WWW  
 Region: Winston-Salem  
 Company: THE PANTRY, INC.  
 Contact Person: RENEE THOMAS  
 Telephone: 9197746700  
 RP Address: PO BOX 1410  
 RP City,St,Zip: SANFORD, NC 27330-  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: I  
 Risk Class Based On Review: I  
 Corrective Action Plan Type: Not reported  
 Level Of Soil Cleanup Achieved: Not reported  
 Tank Regulated Status: R  
 Contamination Type: Groundwater/Both  
 Source Type: Leak-underground Product Type: PETROLEUM  
 Date Reported: 4/16/2003 Date Occur: 4/16/2003

**Actual:  
 3144 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

PANTRY #410, THE (Continued)

S105897982

NOV Issue Date:	Not reported	NORR Issue Date:	Not reported
Site Priority:	Not reported	Phase Of LSA Req:	1
Site Risk Reason:	Free product	Land Use:	Residential
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	Not reported		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	7	Cleanup:	4/11/2003
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	True	RPOP:	True
Error Flag:	0		
Error Code:	N	Valid:	False

PIRF:

Facility Id:	30158
Date Occurred:	4/16/2003
Date Reported:	4/24/2003
Description Of Incident:	Soil contamination discovered during site check of UST system
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	U
Samples Include:	Not reported
7#5 Minute Quad:	Y
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Not reported
Err Type:	9
Ust Number:	E

Last Modified:	Not reported
<b>Incident Phase:</b>	<b>Not reported</b>
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported
Comments:	No clean up initiated as of May 14, 2003, but took received sample results for site check 4/11/2003. Did full site check; received 6/16/03.

IMD:

Region:	WS
Facility ID:	30158
Date Occurred:	4/16/2003

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PANTRY #410, THE (Continued)**

**S105897982**

Submit Date: 4/24/2003  
GW Contam: Yes, Groundwater Contamination has been detected  
Soil Contam: No  
Incident Desc: Soil contamination discovered during site check of UST system  
Operator: RENEE THOMAS  
Contact Phone: 9197746700  
Owner Company: THE PANTRY, INC.  
Operator Address: PO BOX 1410  
Operator City: SANFORD  
Oper City, St, Zip: SANFORD, NC 27330-  
Ownership: Private  
Operation: Commercial  
Material: Not reported  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Not reported  
Risk Site: I  
Site Priority: Not reported  
Priority Code: Not reported  
Priority Update: Not reported  
Dem Contact: WWW  
Wells Affected: Unknown  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Y  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: 36.19666666  
Longitude: -81.65555555  
Latitude Number: 361148  
Longitude Number: 813920  
Latitude Decimal: 36.1966666666667  
Longitude Decimal: 81.6555555555556  
GPS: 7  
Agency: DWM  
Facility ID: Not reported  
Last Modified: Not reported  
Incident Phase: Not reported  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Signed: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

52  
 South  
 1/2-1  
 5009 ft.

**TONY'S INC.**  
**1980 BLOWING ROCK RD.**  
**BOONE, NC**

**LUST** **S103130457**  
**IMD** **N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3124 ft.**

Facility ID:	Not reported	UST Number:	WS-5398
Incident Number:	18594	Lat/Long Decimal:	0 0
Lat/Long:	361148 813926		
Testlat:	Not reported		
Regional Officer Project Mgr:	SAM		
Region:	Winston-Salem		
Company:	TONY'S INC.		
Contact Person:	PHIL TEMPLETON		
Telephone:	8282640032		
RP Address:	1980 BLOWING ROCK ROAD		
RP City,St,Zip:	BOONE, NC 28607-		
RP County:	Not reported		
Comm / Non-comm UST Site:	Not reported		
Risk Classification:	L		
Risk Class Based On Review:	L		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Industrial/Commercial		
Tank Regulated Status:	Non Regulated		
Contamination Type:	Soil		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	3/26/1998	Date Occur:	3/26/1998
NOV Issue Date:	Not reported	NORR Issue Date:	6/2/1998
Site Priority:	Not reported	Phase Of LSA Req:	1
Site Risk Reason:	Not reported	Land Use:	Industrial/commercial
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	11/29/2000		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	7	Cleanup:	9/30/2001
Current Status:	File Located in Archives	RBCA GW:	Not reported
PETOPT:	Not reported	RPL:	False
CD Num:	123	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0	Valid:	False
Error Code:	N		
Last Modified:	1/16/2001		
<b>Incident Phase:</b>	<b>Closed Out</b>		
NOV Issued:	Not reported		
NORR Issued:	6/2/1998		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	11/29/2000		
Comments:	FOOD LION NOW LOCATED OVER FORMER UST AREA, INFEASIBLE TO DO MORE ASSESSMENT---REMAINING LEVELS O.K. FOR AREA.		

IMD:

Region: WS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**TONY'S INC. (Continued)**

**S103130457**

Facility ID: 18594  
Date Occurred: 3/26/1998  
Submit Date: 6/15/1998  
GW Contam: Not reported  
Soil Contam: Yes  
Incident Desc: RELEASE FROM 3 HEATING OIL USTS CONFIRMED.  
Operator: PHIL TEMPLETON  
Contact Phone: Not reported  
Owner Company: TONY'S INC.  
Operator Address:1980 BLOWING ROCK RD.  
Operator City: BOONE  
Oper City,St,Zip: BOONE, NC 28607  
Ownership: Private  
Operation: Commercial  
Material: HEATING OIL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Heating Oil  
Location: 8  
Setting: Not reported  
Risk Site: Yes  
Site Priority: L  
Priority Code: L  
Priority Update: 6/15/1998  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: Not reported  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Soil Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 18594  
Last Modified: 1/16/2001  
Incident Phase: Closed Out  
NOV Issued: Not reported  
NORR Issued: 6/2/1998  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: 11/29/2000

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**53**  
**WSW**  
**1/2-1**  
**5066 ft.**

**FOSCOE FIRE DEPT.**  
**RT. 105**  
**BOONE, NC**

**LUST** **S101166349**  
**IMD** **N/A**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**3148 ft.**

Facility ID:	0-032454	UST Number:	WS-2902
Incident Number:	7495	Lat/Long Decimal:	0 0
Lat/Long:	360911 814559		
Testlat:	Not reported		
Regional Officer Project Mgr:	STF		
Region:	Winston-Salem		
Company:	FOSCOE FIRE DEPARTMENT		
Contact Person:	Not reported		
Telephone:	Not reported		
RP Address:	9230 HWY 105 SOUTH		
RP City,St,Zip:	BANNER ELK, NC 28604-		
RP County:	WATAU		
Comm / Non-comm UST Site:	COMMERCIAL		
Risk Classification:	H		
Risk Class Based On Review:	L		
Corrective Action Plan Type:	Not reported		
Level Of Soil Cleanup Achieved:	Not reported		
Tank Regulated Status:	R		
Contamination Type:	Groundwater/Both		
Source Type:	Leak-underground	Product Type:	PETROLEUM
Date Reported:	Not reported	Date Occur:	7/25/1991
NOV Issue Date:	Not reported	NORR Issue Date:	Not reported
Site Priority:	Not reported	Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported	Land Use:	Not reported
Closure Request:	Not reported	# Of Supply Wells:	0
Close Out:	6/28/2006		
MTBE:	No	MTBE1:	Unknown
Flag:	No	Flag1:	No
LUR Filed:	Not reported	Release Detection:	0
GPS Confirmed:	7	Cleanup:	7/25/1991
Current Status:	File Located in House	RBCA GW:	Not reported
PETOPT:	3	RPL:	False
CD Num:	0	Reel Num:	0
RPOW:	False	RPOP:	False
Error Flag:	0		
Error Code:	N	Valid:	False
Last Modified:	6/24/1992		
<b>Incident Phase:</b>	<b>Closed Out</b>		
NOV Issued:	6/8/1992		
NORR Issued:	Not reported		
45 Day Report:	Not reported		
Public Meeting Held:	Not reported		
Corrective Action Planned:	Not reported		
SOC Signed:	Not reported		
Reclassification Report:	Not reported		
RS Designation:	Not reported		
Closure Request Date:	Not reported		
Close-out Report:	Not reported		
Comments:	Sent to CO on 01/06/2006. File in Raleigh		

IMD:

Region: WS  
 Facility ID: 7495

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FOSCOE FIRE DEPT. (Continued)**

**S101166349**

Date Occurred: 7/25/1991  
Submit Date: 4/3/1992  
GW Contam: Not reported  
Soil Contam: Not reported  
Incident Desc: UPON REMOVAL OF USTS, SOIL AND GW CONTAM. WAS CONFIRMED.  
Operator: FOSCOE FIRE DEPT.  
Contact Phone: Not reported  
Owner Company: STATE LEAD SITE  
Operator Address: RT 3, BOX 531  
Operator City: BOONE  
Oper City, St, Zip: BOONE, NC 28607  
Ownership: Municipal  
Operation: Commercial  
Material: GASOLINE  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Residential  
Risk Site: Yes  
Site Priority: 130B  
Priority Code: H  
Priority Update: 5/30/1998  
Dem Contact: Not reported  
Wells Affected: No  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Responsible Parties  
Samples Include: Groundwater Samples  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 7495  
Last Modified: 6/24/1992  
Incident Phase: Follow Up  
NOV Issued: 6/8/1992  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported  
Closure Request Date: Not reported  
Close-out Report: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**N54**  
**WSW**  
**1/2-1**  
**5076 ft.**

**WATA RADIO STATION**  
**738 BLOWING ROCK RD.**  
**BOONE, NC**

**IMD S102868570**  
**N/A**

**Site 1 of 2 in cluster N**

**Relative:**  
**Higher**

IMD:

**Actual:**  
**3144 ft.**

Region: WS  
 Facility ID: 17869  
 Date Occurred: 4/9/1997  
 Submit Date: 10/13/1997  
 GW Contam: Yes, Groundwater Contamination has been detected  
 Soil Contam: Not reported  
 Incident Desc: HYDROCARBONS ARE SEEPING FROM BANK INTO BOONE CREEK.  
 Operator: UNKNOWN  
 Contact Phone: Not reported  
 Owner Company: Not reported  
 Operator Address: Not reported  
 Operator City: Not reported  
 Oper City, St, Zip: Not reported  
 Ownership: Unknown  
 Operation: Not reported  
 Material: HYDROCARBONS  
 Qty Lost 1: Not reported  
 Qty Recovered 1: Not reported  
 Source: Leak-underground  
 Type: Gasoline/diesel  
 Location: 8  
 Setting: Residential  
 Risk Site: No  
 Site Priority: 120B  
 Priority Code: B  
 Priority Update: Not reported  
 Dem Contact: Not reported  
 Wells Affected: No  
 Num Affected: 0  
 Wells Contam: Not reported  
 Sampled By: None  
 Samples Include: Not reported  
 7.5 Min Quad: Not reported  
 5 Min Quad: F76  
 Latitude: Not reported  
 Longitude: Not reported  
 Latitude Number: Not reported  
 Longitude Number: Not reported  
 Latitude Decimal: Not reported  
 Longitude Decimal: Not reported  
 GPS: NOD  
 Agency: Not reported  
 Facility ID: 17869  
 Last Modified: Not reported  
 Incident Phase: RE  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Sighned: Not reported  
 Reclassification Report: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**WATA RADIO STATION (Continued)**

EDR ID Number  
 EPA ID Number

**S102868570**

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

**N55  
 WSW  
 1/2-1  
 5076 ft.**

**WATA RADIO  
 738 BLOWING ROCK ROAD  
 BOONE, NC 28607**

**LUST S106799846  
 N/A**

**Site 2 of 2 in cluster N**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 3144 ft.**

Facility ID: Not reported  
 Incident Number: 17869  
 Lat/Long: 36 12 39.6 81 40 30  
 Testlat: Not reported  
 Regional Officer Project Mgr: STF  
 Region: Winston-Salem  
 Company: UNKNOWN  
 Contact Person: Not reported  
 Telephone: Not reported  
 RP Address: Not reported  
 RP City,St,Zip: NC  
 RP County: Not reported  
 Comm / Non-comm UST Site: COMMERCIAL  
 Risk Classification: H  
 Risk Class Based On Review: H  
 Corrective Action Plan Type: Not reported  
 Level Of Soil Cleanup Achieved: Not reported  
 Tank Regulated Status: R  
 Contamination Type: Groundwater/Both  
 Source Type: Leak-underground  
 Date Reported: 4/9/1997  
 NOV Issue Date: Not reported  
 Site Priority: Not reported  
 Site Risk Reason: Not reported  
 Closure Request: Not reported  
 Close Out: Not reported  
 MTBE: No  
 Flag: No  
 LUR Filed: Not reported  
 GPS Confirmed: 7  
 Current Status: File Located in House  
 PETOPT: 3  
 CD Num: 0  
 RPOW: False  
 Error Flag: 0  
 Error Code: N  
 Last Modified: Not reported  
**Incident Phase: Response**  
 NOV Issued: Not reported  
 NORR Issued: Not reported  
 45 Day Report: Not reported  
 Public Meeting Held: Not reported  
 Corrective Action Planned: Not reported  
 SOC Signed: Not reported  
 Reclassification Report: Not reported  
 RS Designation: Not reported

UST Number: WS-7065  
 Lat/Long Decimal: 36.21099999999999 81.67499999999999

Product Type: PETROLEUM  
 Date Occur: Not reported  
 NORR Issue Date: Not reported  
 Phase Of LSA Req: Not reported  
 Land Use: Not reported  
 # Of Supply Wells: 0  
 MTBE1: Unknown  
 Flag1: No  
 Release Detection: 0  
 Cleanup: Not reported  
 RBCA GW: Not reported  
 RPL: False  
 Reel Num: 0  
 RPOP: False  
 Valid: True

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WATA RADIO (Continued)**

**S106799846**

Closure Request Date: Not reported  
 Close-out Report: Not reported  
 Comments: State Lead. Sent to CO on 01/06/2006.

**56**  
**WSW**  
**1/2-1**  
**5258 ft.**

**KERN'S BAKERIES-BOONE**  
**641 BLOWING ROCK RD.**  
**BOONE, NC**

**LUST** **S102443501**  
**IMD** **N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**3144 ft.**

Facility ID: 0-006078	UST Number: WS-4967
Incident Number: 16754	Lat/Long Decimal: 0 0
Lat/Long: Not reported	
Testlat: Not reported	
Regional Officer Project Mgr: MAH	
Region: Winston-Salem	
Company: KERN'S BAKERIES	
Contact Person: ROGER BAKER	
Telephone: Not reported	
RP Address: P. O. BOX 549	
RP City,St,Zip: BRISTOL, VA 24203-	
RP County: Not reported	
Comm / Non-comm UST Site: COMMERCIAL	
Risk Classification: Not reported	
Risk Class Based On Review: Not reported	
Corrective Action Plan Type: Not reported	
Level Of Soil Cleanup Achieved: Not reported	
Tank Regulated Status: R	
Contamination Type: Not reported	
Source Type: Leak-underground	Product Type: PETROLEUM
Date Reported: 3/26/1991	Date Occur: 6/3/1991
NOV Issue Date: Not reported	NORR Issue Date: Not reported
Site Priority: E010	Phase Of LSA Req: Not reported
Site Risk Reason: Not reported	Land Use: Not reported
Closure Request: Not reported	# Of Supply Wells: 0
Close Out: 3/18/1997	
MTBE: No	MTBE1: Unknown
Flag: No	Flag1: No
LUR Filed: Not reported	Release Detection: 0
GPS Confirmed: 7	Cleanup: 6/3/1991
Current Status: File Located in Archives	RBCA GW: Not reported
PETOPT: 3	RPL: False
CD Num: 55	Reel Num: 3785
RPOW: False	RPOP: False
Error Flag: 0	
Error Code: N	Valid: False
Last Modified: 3/11/1997	
<b>Incident Phase: Closed Out</b>	
NOV Issued: Not reported	
NORR Issued: Not reported	
45 Day Report: Not reported	
Public Meeting Held: Not reported	
Corrective Action Planned: Not reported	
SOC Signed: Not reported	
Reclassification Report: Not reported	
RS Designation: Not reported	
Closure Request Date: Not reported	
Close-out Report: 3/7/1997	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**KERN'S BAKERIES-BOONE (Continued)**

**S102443501**

Comments: Not reported

IMD:

Region: WS  
Facility ID: 16754  
Date Occurred: 3/26/1991  
Submit Date: 1/27/1997  
GW Contam: Not reported  
Soil Contam: Not reported  
Incident Desc: ONE 2,000 GALLON TANK WAS REMOVED. 24PPM BY METHOD 3550. EXCAVATED SOIL FORM TANK PIT WAS USED AS BACKFILL.  
Operator: KERN'S BAKERIES  
Contact Phone: Not reported  
Owner Company: BRISTOL OPERATIONS  
Operator Address: PO BOX 549  
Operator City: BRISTOL  
Oper City, St, Zip: BRISTOL, VA 24203  
Ownership: Private  
Operation: Commercial  
Material: GASOLINE/FUEL OIL  
Qty Lost 1: Not reported  
Qty Recovered 1: Not reported  
Source: Leak-underground  
Type: Gasoline/diesel  
Location: Facility  
Setting: Residential  
Risk Site: No  
Site Priority: E10  
Priority Code: E  
Priority Update: Not reported  
Dem Contact: Not reported  
Wells Affected: Not reported  
Num Affected: 0  
Wells Contam: Not reported  
Sampled By: Not reported  
Samples Include: Not reported  
7.5 Min Quad: Not reported  
5 Min Quad: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Latitude Number: Not reported  
Longitude Number: Not reported  
Latitude Decimal: Not reported  
Longitude Decimal: Not reported  
GPS: NOD  
Agency: Not reported  
Facility ID: 16754  
Last Modified: 3/11/1997  
Incident Phase: Closed Out  
NOV Issued: Not reported  
NORR Issued: Not reported  
45 Day Report: Not reported  
Public Meeting Held: Not reported  
Corrective Action Planned: Not reported  
SOC Sighned: Not reported  
Reclassification Report: Not reported  
RS Designation: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**KERN'S BAKERIES-BOONE (Continued)**

Database(s) EDR ID Number  
EPA ID Number

**S102443501**

Closure Request Date: Not reported  
Close-out Report: 3/7/1997

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BOONE	S105766863	VULCAN - BOONE QUARRY	HWY 105 SOUTH	28607	LUST
BOONE	U001189466	THE PANTRY 234	1104 HWY 105	28607	UST
BOONE	U001189687	DOLLAR MART 2	2985 HWY 105 SOUTH	28607	UST
BOONE	U001206141	COCA-COLA BOTTLING COMPANY AF	HIGHWAY 105 BYPASS, PO BOX 109	28607	UST
BOONE	U003008430	JONES MINIT MART	707-4 HWY 105 BYPASS	28607	UST
BOONE	U003563440	IN-N-OUT	2711 HWY 105 SOUTH	28607	UST
BOONE	1009625943	434 HIGHWAY 105	434 HIGHWAY 105		US CDL
BOONE	S105912337	NECESSARY OIL COMPANY SPILL AT	HIGHWAY 105 (VULCAN SITE)		IMD
BOONE	S103040473	VULCAN MATERIALS CO-BOONE	HWY 105 S.		IMD
BOONE	S103131745	NC DOT - SITE #38 BROWN BROTHE	HWY 105		IMD
BOONE	S105766579	NCDOT - BOONE	HWY. 194 N	28607	LUST
BOONE	S106075575	BLUE RIDGE EMC - BOONE	2491 HWY 421 S.	28607	LUST
BOONE	U001202836	BOONE NISSAN	HIGHWAY 421 EAST	28607	LUST, UST, IMD
BOONE	U003160599	421 GROCERY / HAYES OIL	4602 HWY 421 S	28607	UST
BOONE	S103131610	FRA-MAR, INC.	ROUTE 5 BOX 283	28607	IMD
BOONE	U001206123	CALDWELL COMMUNITY COLLEGE	ROUTE 6, BOX 830	28607	UST
BOONE	S105218537	NC DOT - BOONE FACILITY	NC HIGHWAY 194 NORTH		LUST TRUST
BOONE	S105425690	NC DOT - BOONE (BRIDGE YD)	1865 NC HWY 194 N	28607	LUST, IMD
BOONE	S107780219	HIDDEN VALLEY WWTP	8791 NC HWY 105 S	28607	NPDES
BOONE	S108280084	ART PLAZA WWTP	NC HWY 105	28607	NPDES
BOONE	S108280643	LAUREL SEASONS WWTP	4092 NC HWY 105 S	28607	NPDES
BOONE	S108280855	PARKWAY ELEMENTARY SCHOOL	NC HWY 194	28607	NPDES
BOONE	S108281188	VALLE LANDING SHOPPING CENTER WWTP	3697 NC HWY 194 S	28607	NPDES
BOONE	S105219012	194 TIRE	1773 JEFFERSON HWY		LUST TRUST
BOONE	A100306233	MOUNTAIN OIL, INC.	585 E KING ST. (P.O. BOX 608 N	28607	AST
BOONE	U001823993	BOONE CHURCH OF CHRIST	WEST KING STREET	28607	LUST, UST
BOONE	S105164058	WATAUGA COUNTY C&D LANDFILL	336 LANDFILL RD.	28607	SWF/LF, HIST LF
BOONE	S106196111	421 GROCERY -A	2228 OLD HWY 421		LUST, IMD
BOONE	S106196112	421 GROCERY -B	2228 OLD HWY 421		IMD
BOONE	S105766426	PANTRY #140	STATE FARM RD.	28607	LUST
BOONE	S105593292	STATE FARM ROAD	660 STATE FARM RD		BROWNFIELDS
BOONE	S108631740	VERMONT AMERICAN	STATE FARM RD		SHWS
FOSCOE	U003091579	FOSCOE COUNTRY CORNER	8937 NC HWY 105 S	28607	UST
FOSCOE (BOONE)	U001188550	FOSCOE CASH STORE	HIGHWAY 105	28607	LUST, 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.

## **FEDERAL RECORDS**

### **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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/28/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/28/2008
	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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/28/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

### **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: 10/02/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: N/A
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/28/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 11/15/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: No Update Planned

## **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: 04/23/2007	Source: EPA
Date Data Arrived at EDR: 06/20/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 02/05/2008
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

## **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: 06/21/2007	Source: EPA
Date Data Arrived at EDR: 07/23/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

## **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: 08/08/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 202-564-6023
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/18/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: 800-424-9346
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

## **RCRA-TSDF:** RCRA - Transporters, 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Quarterly

## **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: 09/11/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
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: 09/11/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
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: 09/11/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

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

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

Date of Government Version: 09/11/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 12/21/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/31/2008
	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: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/31/2008
	Data Release Frequency: Varies

## **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: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/23/2008
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/21/2008
	Data Release Frequency: Annually

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

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

Date of Government Version: 10/01/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/03/2007	Telephone: 202-366-4555
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/17/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Annually

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

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

Date of Government Version: 08/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/29/2007	Telephone: 202-366-4595
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Varies

## **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 12/28/2007  
Next Scheduled EDR Contact: 03/24/2008  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 10/12/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 01/17/2008  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Semi-Annually

## **DOD:** Department of Defense Sites

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

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

Source: USGS  
Telephone: 703-692-8801  
Last EDR Contact: 02/08/2008  
Next Scheduled EDR Contact: 05/05/2008  
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: 12/31/2006  
Date Data Arrived at EDR: 08/31/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 01/02/2008  
Next Scheduled EDR Contact: 03/31/2008  
Data Release Frequency: Varies

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

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

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 03/10/2008  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/21/2008  
Next Scheduled EDR Contact: 04/21/2008  
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: 01/14/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 01/02/2008  
Next Scheduled EDR Contact: 03/31/2008  
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: 07/13/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: Varies

## **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: 12/28/2007  
Date Data Arrived at EDR: 12/28/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 27

Source: EPA, Region 9  
Telephone: 415-972-3336  
Last EDR Contact: 12/26/2007  
Next Scheduled EDR Contact: 03/24/2008  
Data Release Frequency: Varies

## **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: 08/14/2007  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 12/28/2007  
Number of Days to Update: 25

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 01/03/2008  
Next Scheduled EDR Contact: 03/24/2008  
Data Release Frequency: Semi-Annually

## **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 04/27/2007  
Date Made Active in Reports: 07/05/2007  
Number of Days to Update: 69

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 12/18/2007  
Next Scheduled EDR Contact: 03/17/2008  
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: 12/31/2002  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 46

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 01/28/2008  
Next Scheduled EDR Contact: 04/14/2008  
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: 01/15/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
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: 01/15/2008  
Date Data Arrived at EDR: 01/22/2008  
Date Made Active in Reports: 01/30/2008  
Number of Days to Update: 8

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: Quarterly

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

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## **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: 12/31/2005  
Date Data Arrived at EDR: 03/13/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 45

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/28/2008  
Next Scheduled EDR Contact: 04/14/2008  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 07/27/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2007	Telephone: 202-564-5088
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 01/15/2008
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/14/2008
	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: 04/12/2007	Source: EPA
Date Data Arrived at EDR: 06/08/2007	Telephone: 202-566-0500
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 02/07/2008
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/05/2008
	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: 10/04/2007	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 12/03/2007	Telephone: 301-415-7169
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/31/2008
	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: 10/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 202-343-9775
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/31/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 10/18/2007	Source: EPA
Date Data Arrived at EDR: 12/03/2007	Telephone: (404) 562-9900
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 01/02/2008
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/31/2008
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 12/03/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: No Update Planned

## **BRS:** Biennial Reporting System

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/06/2007  
Date Made Active in Reports: 04/13/2007  
Number of Days to Update: 38

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/13/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Biennially

## **STATE AND LOCAL RECORDS**

### **SHWS:** Inactive Hazardous Sites Inventory

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

Date of Government Version: 01/09/2008  
Date Data Arrived at EDR: 01/11/2008  
Date Made Active in Reports: 01/31/2008  
Number of Days to Update: 20

Source: Department of Environment, Health and Natural Resources  
Telephone: 919-733-2801  
Last EDR Contact: 01/07/2008  
Next Scheduled EDR Contact: 04/07/2008  
Data Release Frequency: Quarterly

### **HSDS:** Hazardous Substance Disposal Site

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

Date of Government Version: 04/06/2006  
Date Data Arrived at EDR: 02/28/2007  
Date Made Active in Reports: 04/13/2007  
Number of Days to Update: 44

Source: North Carolina Center for Geographic Information and Analysis  
Telephone: 919-733-2090  
Last EDR Contact: 11/29/2007  
Next Scheduled EDR Contact: 02/25/2008  
Data Release Frequency: Biennially

### **IMD:** Incident Management Database

Groundwater and/or soil contamination incidents

Date of Government Version: 07/21/2006  
Date Data Arrived at EDR: 08/01/2006  
Date Made Active in Reports: 08/23/2006  
Number of Days to Update: 22

Source: Department of Environment and Natural Resources  
Telephone: 919-733-3221  
Last EDR Contact: 01/25/2008  
Next Scheduled EDR Contact: 04/21/2008  
Data Release Frequency: Quarterly

### **SWF/LF:** List of Solid Waste Facilities

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

Date of Government Version: 01/22/2008  
Date Data Arrived at EDR: 01/23/2008  
Date Made Active in Reports: 01/31/2008  
Number of Days to Update: 8

Source: Department of Environment and Natural Resources  
Telephone: 919-733-0692  
Last EDR Contact: 01/23/2008  
Next Scheduled EDR Contact: 04/21/2008  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**OLI: Old Landfill Inventory**

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

Date of Government Version: 10/01/2007  
Date Data Arrived at EDR: 11/05/2007  
Date Made Active in Reports: 01/14/2008  
Number of Days to Update: 70

Source: Department of Environment & Natural Resources  
Telephone: 919-733-4996  
Last EDR Contact: 01/24/2008  
Next Scheduled EDR Contact: 04/21/2008  
Data Release Frequency: Varies

**HIST LF: Solid Waste Facility Listing**

A listing of solid waste facilities.

Date of Government Version: 11/06/2006  
Date Data Arrived at EDR: 02/13/2007  
Date Made Active in Reports: 03/02/2007  
Number of Days to Update: 17

Source: Department of Environment & Natural Resources  
Telephone: 919-733-0692  
Last EDR Contact: 01/21/2008  
Next Scheduled EDR Contact: 04/21/2008  
Data Release Frequency: Quarterly

**LUST: Regional UST Database**

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

Date of Government Version: 11/30/2007  
Date Data Arrived at EDR: 12/06/2007  
Date Made Active in Reports: 01/14/2008  
Number of Days to Update: 39

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1308  
Last EDR Contact: 12/06/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Quarterly

**LUST TRUST: State Trust Fund Database**

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

Date of Government Version: 11/02/2007  
Date Data Arrived at EDR: 11/07/2007  
Date Made Active in Reports: 01/14/2008  
Number of Days to Update: 68

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1315  
Last EDR Contact: 02/06/2008  
Next Scheduled EDR Contact: 05/05/2008  
Data Release Frequency: Semi-Annually

**UST: Petroleum Underground Storage Tank Database**

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

Date of Government Version: 08/31/2007  
Date Data Arrived at EDR: 09/06/2007  
Date Made Active in Reports: 10/12/2007  
Number of Days to Update: 36

Source: Department of Environment and Natural Resources  
Telephone: 919-733-1308  
Last EDR Contact: 02/06/2008  
Next Scheduled EDR Contact: 05/05/2008  
Data Release Frequency: Quarterly

**AST: AST Database**

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 10/26/2007  
Date Data Arrived at EDR: 10/29/2007  
Date Made Active in Reports: 01/17/2008  
Number of Days to Update: 80

Source: Department of Environment and Natural Resources  
Telephone: 919-715-6183  
Last EDR Contact: 01/15/2008  
Next Scheduled EDR Contact: 04/14/2008  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 01/09/2008	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 01/11/2008	Telephone: 919-733-2801
Date Made Active in Reports: 01/31/2008	Last EDR Contact: 01/07/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/07/2008
	Data Release Frequency: Quarterly

## **VCP:** Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 01/09/2008	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 01/11/2008	Telephone: 919-733-4996
Date Made Active in Reports: 01/31/2008	Last EDR Contact: 01/07/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/07/2008
	Data Release Frequency: Semi-Annually

## **DRYCLEANERS:** Drycleaning Sites

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

Date of Government Version: 12/21/2007	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 01/17/2008	Telephone: 919-508-8400
Date Made Active in Reports: 01/31/2008	Last EDR Contact: 01/17/2008
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Varies

## **BROWNFIELDS:** Brownfields Projects Inventory

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

Date of Government Version: 10/01/2007	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 10/31/2007	Telephone: 919-733-4996
Date Made Active in Reports: 01/14/2008	Last EDR Contact: 02/01/2008
Number of Days to Update: 75	Next Scheduled EDR Contact: 04/28/2008
	Data Release Frequency: Varies

## **NPDES:** NPDES Facility Location Listing

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

Date of Government Version: 12/31/2007	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 01/03/2008	Telephone: 919-733-7015
Date Made Active in Reports: 01/31/2008	Last EDR Contact: 01/02/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Varies

## **TRIBAL RECORDS**

### **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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

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

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

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

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

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/12/2007	Source: EPA Region 6
Date Data Arrived at EDR: 12/12/2007	Telephone: 214-665-6597
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/15/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

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

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

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

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

Date of Government Version: 12/03/2007	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2007	Telephone: 303-312-6271
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 11/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2007	Telephone: 415-972-3372
Date Made Active in Reports: 12/28/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/18/2008
	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: 11/27/2007	Source: EPA Region 10
Date Data Arrived at EDR: 12/03/2007	Telephone: 206-553-2857
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/15/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

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

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/21/2007	Source: EPA Region 5
Date Data Arrived at EDR: 12/21/2007	Telephone: 312-886-6136
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 12/13/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

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

Date of Government Version: 12/12/2007	Source: EPA Region 6
Date Data Arrived at EDR: 12/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/15/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

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

Date of Government Version: 12/03/2007	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2007	Telephone: 303-312-6137
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/15/2007
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/30/2007	Source: EPA Region 9
Date Data Arrived at EDR: 12/03/2007	Telephone: 415-972-3368
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/15/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/27/2007	Source: EPA Region 10
Date Data Arrived at EDR: 12/03/2007	Telephone: 206-553-2857
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/15/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR PROPRIETARY RECORDS

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

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

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

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

## OTHER DATABASE(S)

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

### **CT MANIFEST:** Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 06/15/2007  
Date Made Active in Reports: 08/20/2007  
Number of Days to Update: 66

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 12/13/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Annually

### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 09/30/2007  
Date Data Arrived at EDR: 12/04/2007  
Date Made Active in Reports: 12/31/2007  
Number of Days to Update: 27

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/03/2008  
Next Scheduled EDR Contact: 03/31/2008  
Data Release Frequency: Annually

### **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/26/2007  
Date Data Arrived at EDR: 11/29/2007  
Date Made Active in Reports: 02/05/2008  
Number of Days to Update: 68

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/29/2007  
Next Scheduled EDR Contact: 02/25/2008  
Data Release Frequency: Annually

### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 12/21/2007  
Date Made Active in Reports: 01/10/2008  
Number of Days to Update: 20

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 09/10/2007  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007  
Date Data Arrived at EDR: 11/09/2007  
Date Made Active in Reports: 01/15/2008  
Number of Days to Update: 67

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: Annually

## **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 04/27/2007  
Date Made Active in Reports: 06/08/2007  
Number of Days to Update: 42

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 01/07/2008  
Next Scheduled EDR Contact: 04/07/2008  
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: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

## **AHA Hospitals:**

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

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

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

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

## **Nursing Homes**

Source: National Institutes of Health  
Telephone: 301-594-6248

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

## **Public Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

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

## **Private Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

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

## **Daycare Centers: Child Care Facility List**

Source: Department of Health & Human Services  
Telephone: 919-662-4499

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

**State Wetlands Data: Wetlands Inventory**

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

**Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

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

**STREET AND ADDRESS INFORMATION**

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

### TARGET PROPERTY ADDRESS

BOONE-WATAUGA SECT. 206 PROJECT AREA  
DALE STREET  
BOONE, NC 28607

### TARGET PROPERTY COORDINATES

Latitude (North):	36.21111 - 36° 12' 40.0"
Longitude (West):	81.65465 - 81° 39' 16.7"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	441153.8
UTM Y (Meters):	4007361.5
Elevation:	3066 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	36081-B6 BOONE, NC
Most Recent Revision:	1994

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

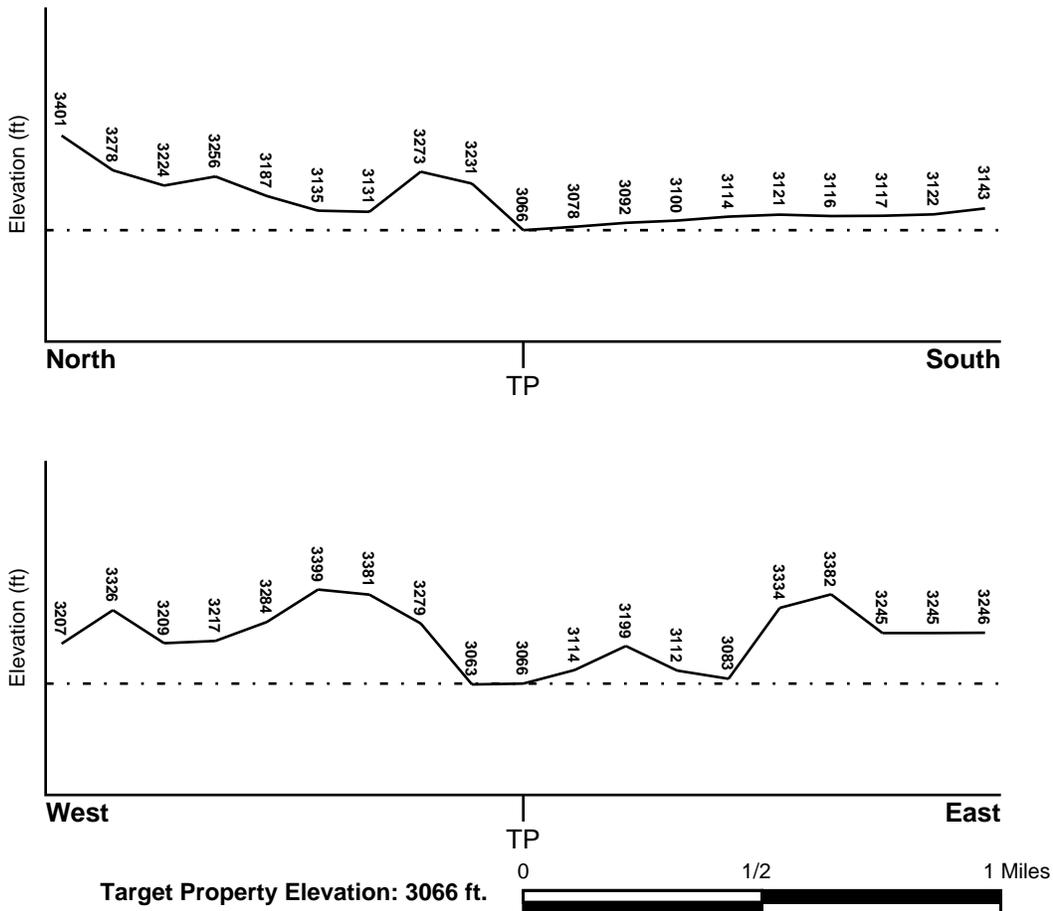
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Target Property County</u> WATAUGA, NC	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	37189C0184E
Additional Panels in search area:	37189C0181E 37189C0182E 37189C0183E

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> BOONE	<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		

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## 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: Precambrian  
System: Precambrian  
Series: Orthogneiss  
Code: Ygn (*decoded above as Era, System & Series*)

### GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: EDNEYVILLE

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
2	7 inches	30 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
3	30 inches	60 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - fine sandy loam

Surficial Soil Types: gravelly - fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: gravelly - sandy loam  
unweathered bedrock  
stratified

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
1	USGS2282340	1/4 - 1/2 Mile NNW
2	USGS2282339	1/2 - 1 Mile NE
4	USGS2282346	1/2 - 1 Mile North

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	NC0195010	1/2 - 1 Mile SSE

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

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
5	NC10009597	1/2 - 1 Mile ENE
A6	NC10009595	1/2 - 1 Mile East
A7	NC10009596	1/2 - 1 Mile East

## OTHER STATE DATABASE INFORMATION

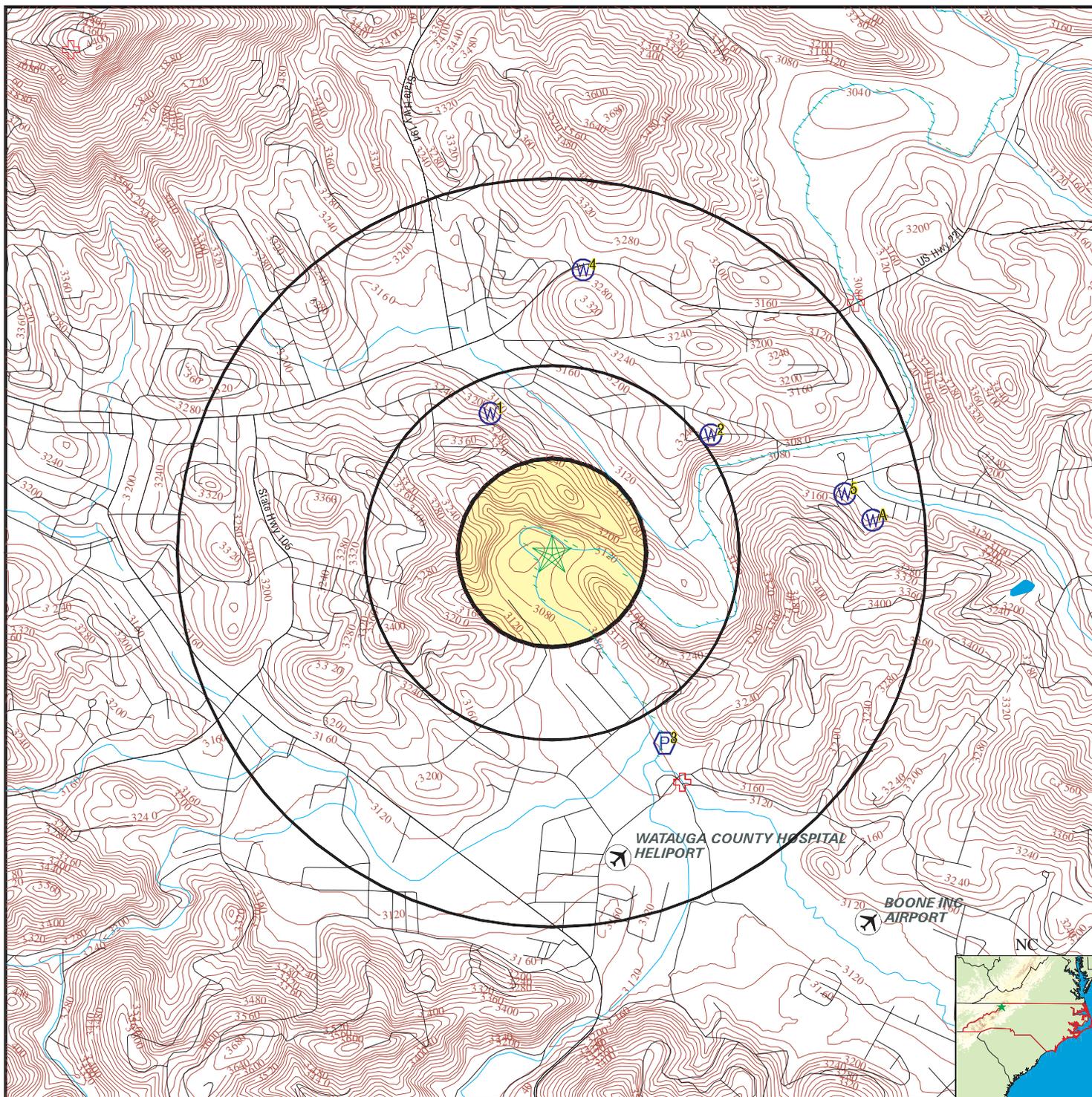
### **NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES**

<u>ID</u>	<u>Class</u>
NC50002915	Plants
NC50009951	Animal
NC50013224	Animal
NC50018078	Animal

### **NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:**

<u>ID</u>	<u>Name</u>
NC10003324	SOUTH FORK NEW RIVER AQUATIC HABITAT

# PHYSICAL SETTING SOURCE MAP - 2141825.2s



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

Wildlife Areas

Natural Areas

Rare & Endangered Species



SITE NAME: Boone-Watauga Sect. 206 Project Area  
 ADDRESS: Dale Street  
 Boone NC 28607  
 LAT/LONG: 36.2111 / 81.6547

CLIENT: U.S. Army Corps of Engineers  
 CONTACT: Nick McHenry  
 INQUIRY #: 2141825.2s  
 DATE: February 12, 2008 9:50 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**

**NNW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS2282340**

Agency cd:	USGS	Site no:	361259081392801
Site name:	WT-64		
Latitude:	361259		
Longitude:	0813928	Dec lat:	36.21651727
Dec lon:	-81.65760678	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	189
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	FELSIC GNEISS		
Well depth:	80.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	453709900		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**

**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2282339**

Agency cd:	USGS	Site no:	361256081385001
Site name:	WT-61		
Latitude:	361256		
Longitude:	0813850	Dec lat:	36.21568398
Dec lon:	-81.64705091	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	189
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	FELSIC GNEISS		
Well depth:	261.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	453709900		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**3**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FRDS PWS      NC0195010**

PWS ID:	NC0195010	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	BOONE, TOWN OF 376 DECK HILL RD BOONE, NC 28607		

Source: Surface water	
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: COAGULATION
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: FILTRATION, RAPID SAND
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: FLOCCULATION
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: RAPID MIX
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: SEDIMENTATION
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: PH ADJUSTMENT, POST
Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL	Process: PH ADJUSTMENT, PRE
Treatment Objective: CORROSION CONTROL	Process: INHIBITOR, POLYPHOSPHATE
Treatment Objective: CORROSION CONTROL	Process: PH ADJUSTMENT
Treatment Objective: CORROSION CONTROL	Process: PH ADJUSTMENT, POST
Treatment Objective: DISINFECTION	Process: GASEOUS CHLORINATION, POST
Treatment Objective: DISINFECTION	Process: GASEOUS CHLORINATION, PRE
Treatment Objective: IRON REMOVAL	Process: FILTRATION, RAPID SAND
Treatment Objective: IRON REMOVAL	Process: GASEOUS CHLORINATION, PRE
Treatment Objective: IRON REMOVAL	Process: PERMANGANATE
Treatment Objective: IRON REMOVAL	Process: SEDIMENTATION
Treatment Objective: IRON REMOVAL	Process: SLUDGE TREATMENT
Treatment Objective: IRON REMOVAL	Process: PH ADJUSTMENT
Treatment Objective: IRON REMOVAL	Process: PH ADJUSTMENT, PRE
Treatment Objective: INORGANICS REMOVAL	Process: COAGULATION

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Treatment Objective: INORGANICS REMOVAL	Process: FILTRATION, RAPID SAND
Treatment Objective: INORGANICS REMOVAL	Process: FLOCCULATION
Treatment Objective: INORGANICS REMOVAL	Process: RAPID MIX
Treatment Objective: INORGANICS REMOVAL	Process: SEDIMENTATION
Treatment Objective: INORGANICS REMOVAL	Process: SLUDGE TREATMENT
Treatment Objective: INORGANICS REMOVAL	Process: PH ADJUSTMENT, PRE
Treatment Objective: MANGANESE REMOVAL	Process: GASEOUS CHLORINATION, PRE
Treatment Objective: ORGANICS REMOVAL	Process: COAGULATION
Treatment Objective: ORGANICS REMOVAL	Process: FILTRATION, RAPID SAND
Treatment Objective: ORGANICS REMOVAL	Process: FLOCCULATION
Treatment Objective: ORGANICS REMOVAL	Process: GASEOUS CHLORINATION, PRE
Treatment Objective: ORGANICS REMOVAL	Process: PERMANGANATE
Treatment Objective: ORGANICS REMOVAL	Process: SEDIMENTATION
Treatment Objective: ORGANICS REMOVAL	Process: PH ADJUSTMENT, PRE

Addressee / Facility: System Owner/Responsible Party  
LARRY ISENHOUR OR MANAGER NOW  
PO DRAWER 192  
BOONE, NC 28607

Addressee / Facility: System Owner/Responsible Party  
BOONE, TOWN OF  
PO DRAWER 192  
BOONE, NC 28607

Facility Latitude:	36 10 29.0000	Facility Longitude:	81 40 26.0000
Facility Latitude:	36 12 13.0000	Facility Longitude:	81 38 58.0000
City Served:	BOONE		
Treatment Class:	Treated	Population:	14610

Violations information not reported.

### ENFORCEMENT INFORMATION:

Truedate:	03/31/2007	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Void:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2002 0:00:00		
Complperen:	8/1/2006 0:00:00	Enfdate:	10/18/2002 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2007	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Void:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2002 0:00:00		
Complperen:	8/1/2006 0:00:00	Enfdate:	10/18/2002 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

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Vioid:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2002 0:00:00		
Complperen:	8/1/2006 0:00:00	Enfdate:	8/1/2006 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
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Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2002 0:00:00		
Complperen:	8/1/2006 0:00:00	Enfdate:	10/18/2002 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
Truedate:	06/30/2007	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
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Violmeasur:	Not Reported		
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Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	1203	Contaminant:	7000
Viol. Type:	CCR Complete Failure to Report		
Complperbe:	7/1/2002 0:00:00		
Complperen:	8/1/2006 0:00:00	Enfdate:	8/1/2006 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 1203 Contaminant: 7000  
 Viol. Type: CCR Complete Failure to Report  
 Complperbe: 7/1/2002 0:00:00  
 Complperen: 8/1/2006 0:00:00 Enfdate: 10/18/2002 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718703 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 9/10/2003 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718703 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 8/21/2003 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718703 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 4/6/2004 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718703 Contaminant: TTHM  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 3/1/2004 0:00:00  
 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

Truedate: 03/31/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718703 Contaminant: TTHM  
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Violmeasur:	Not Reported		
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Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
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Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
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Pwsname:	BOONE, TOWN OF		
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Vioid:	2718703	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
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Truedate: 03/31/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718703 Contaminant: TTHM  
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 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

Truedate: 03/31/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718803 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 9/10/2003 0:00:00  
 Enf action: State Formal NOV Issued  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718803 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 8/21/2003 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718803 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 4/6/2004 0:00:00  
 Enf action: State Compliance Achieved  
 Violmeasur: Not Reported

Truedate: 06/30/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718803 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 3/1/2004 0:00:00  
 Enf action: State Public Notif Received  
 Violmeasur: Not Reported

Truedate: 03/31/2007 Pwsid: NC0195010  
 Pwsname: BOONE, TOWN OF  
 Retpopsrvd: 16406 Pwstypecod: C  
 Vioid: 2718803 Contaminant: 2456  
 Viol. Type: Monitoring and Reporting Stage 1  
 Complperbe: 4/1/2003 0:00:00  
 Complperen: 6/30/2003 0:00:00 Enfdate: 8/21/2003 0:00:00  
 Enf action: State Public Notif Requested  
 Violmeasur: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	06/30/2007	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	9/10/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2007	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	4/6/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	9/10/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	8/21/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2007	Pwsid:	NC0195010
Pwsname:	BOONE, TOWN OF		
Retpopsrvd:	16406	Pwstypecod:	C
Vioid:	2718803	Contaminant:	2456
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	4/6/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

System Name:	BOONE, TOWN OF		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 8/1/2006 0:00:00		
Violation ID:	1203		
Enforcement Date:	10/18/2002 0:00:00	Enf. Action:	State Formal NOV Issued

System Name:	BOONE, TOWN OF		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	1203		
Enforcement Date:	10/18/2002 0:00:00	Enf. Action:	State Public Notif Requested

System Name:	BOONE, TOWN OF		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 8/1/2006 0:00:00		
Violation ID:	1203		
Enforcement Date:	8/1/2006 0:00:00	Enf. Action:	State Compliance Achieved

System Name:	BOONE, TOWN OF		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 8/1/2006 0:00:00		
Violation ID:	1203		
Enforcement Date:	10/18/2002 0:00:00	Enf. Action:	State Public Notif Requested

System Name:	BOONE, TOWN OF		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	7/1/2002 0:00:00 - 12/31/2025 0:00:00		
Violation ID:	1203		
Enforcement Date:	10/18/2002 0:00:00	Enf. Action:	State Formal NOV Issued

System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	8/21/2003 0:00:00	Enf. Action:	State Public Notif Requested

System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Public Notif Received

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**ENFORCEMENT INFORMATION:**

System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	9/10/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	4/6/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	9/10/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	8/21/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	4/6/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718703		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Public Notif Received
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	8/21/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	9/10/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	4/6/2004 0:00:00	Enf. Action:	State Compliance Achieved

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### ENFORCEMENT INFORMATION:

System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Public Notif Received
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	9/10/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	8/21/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	4/6/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	BOONE, TOWN OF		
Violation Type:	Monitoring and Reporting Stage 1		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	2718803		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Public Notif Received

### CONTACT INFORMATION:

Name:	BOONE, TOWN OF	Population:	16406
Contact:	AUSTIN, JACK	Phone:	828-262-4570
Address:	PO DRAWER 192 BOONE, NC 28607		

**4  
North  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS2282346**

Agency cd:	USGS	Site no:	361319081391201
Site name:	WT-63		
Latitude:	361319		
Longitude:	0813912	Dec lat:	36.22207279
Dec lon:	-81.65316232	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	37
State:	37	County:	189
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Upland draw		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	FELSIC GNEISS		
Well depth:	28.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	453709900		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**5  
ENE  
1/2 - 1 Mile  
Higher**

**NC WELLS    NC10009597**

X coord:	-81.640665		
Y coord:	36.213401		
Pwsid:	0195106	Systemname:	BRADFORD PARK
Pwstype:	Community	Locationci:	BOONE
County:	Watauga	Sourcecode:	002
Watertype:	Ground	Sourcename:	WELL #3
Latitude:	361248.243	Longitude:	813826.393
Availabili:	Permanent	Depthft:	10
Welltype:	Driven Point	Owner:	NEW RIVER CAPITAL INC
Lat dec:	36.2134008333333		
Long dec:	-81.6406647222222		

**A6  
East  
1/2 - 1 Mile  
Higher**

**NC WELLS    NC10009595**

X coord:	-81.63935		
Y coord:	36.212323		
Pwsid:	0195106	Systemname:	BRADFORD PARK
Pwstype:	Community	Locationci:	BOONE
County:	Watauga	Sourcecode:	001
Watertype:	Ground	Sourcename:	WELL #1
Latitude:	361244.363	Longitude:	813821.659
Availabili:	Deactivate	Depthft:	Not Reported
Welltype:	Not Reported	Owner:	NEW RIVER CAPITAL INC
Lat dec:	36.2123230555556		
Long dec:	-81.6393497222222		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A7**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**NC WELLS      NC10009596**

X coord:                    -81.639291  
 Y coord:                    36.212425  
 Pwsid:                      0195106  
 Pwstype:                  Community  
 County:                    Watauga  
 Watertype:                Ground  
 Latitude:                  361244.731  
 Availabili:                Permanent  
 Welltype:                 Driven Point  
 Lat dec:                    36.2124252777778  
 Long dec:                  -81.6392911111111

Systemname:              BRADFORD PARK  
 Locationci:                BOONE  
 Sourcecode:               000  
 Sourcename:              WELL #2  
 Longitude:                813821.448  
 Depthft:                    13  
 Owner:                      NEW RIVER CAPITAL INC

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction	Distance	Database	EDR ID Number
-----------	----------	----------	---------------

---

GIS ID:	11324	<b>NC_NHEO</b>	<b>NC50002915</b>
Classification by Type:	Plants		
Occurrence Status:	Historic, no evidence of destruction		

---

GIS ID:	251247	<b>NC_NHEO</b>	<b>NC50009951</b>
Classification by Type:	Animal		
Occurrence Status:	Extant		

---

GIS ID:	121543	<b>NC_NHEO</b>	<b>NC50013224</b>
Classification by Type:	Animal		
Occurrence Status:	Extant		

---

GIS ID:	211543	<b>NC_NHEO</b>	<b>NC50018078</b>
Classification by Type:	Animal		
Occurrence Status:	Extant		

---

Site Name:	SOUTH FORK NEW RIVER AQUATIC HABITAT	<b>NC_SNHA</b>	<b>NC10003324</b>
Quality:	Not Reported		
Acres per Polygon:	1248.31		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: NC Radon

### Radon Test Results

County	Result Type	Total Sites	Avg pCi/L	Range pCi/L	Result Type
WATAUGA	Statistical	18	5.27	0.00-23.90	Non-Statistical
WATAUGA	144	8.06	0.00-98.15		

Federal EPA Radon Zone for WATAUGA County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 28607

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	5.000 pCi/L	40%	60%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.467 pCi/L	67%	33%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

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

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

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

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

### **State Wetlands Data: Wetlands Inventory**

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<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

#### **North Carolina Public Water Supply Wells**

Source: Department of Environmental Health

Telephone: 919-715-3243

## OTHER STATE DATABASE INFORMATION

#### **NC Natural Areas: Significant Natural Heritage Areas**

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon coverage identifying sites (terrestrial or aquatic) that have particular biodiversity significance.

A site's significance may be due to the presence of rare species, rare or high quality natural communities, or other important ecological features.

#### **NC Game Lands: Wildlife Resources Commission Game Lands**

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

#### **NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites**

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

### RADON

#### **State Database: NC Radon**

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statistical Data

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## **OTHER**

**Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## **STREET AND ADDRESS INFORMATION**

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**Boone-Watauga Sect. 206 Project Area**  
**Dale Street**  
**Boone, NC 28607**

**Inquiry Number 2141825.3**

**February 11, 2008**



## **The Standard in Environmental Risk Information**

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# Certified Sanborn® Map Report

2/11/08

**Site Name:**

Boone-Watauga Sect. 206  
Dale Street  
Boone, NC 28607

**Client Name:**

U.S. Army Corps of Engineers  
502 8th Street  
Huntington, WV 25701



**EDR®** Environmental  
Data Resources Inc

EDR Inquiry # 2141825.3

Contact: Nick McHenry

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by U.S. Army Corps of Engineers 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:** Boone-Watauga Sect. 206 Project Area  
**Address:** Dale Street  
**City, State, Zip:** Boone, NC 28607  
**Cross Street:**  
**P.O. #** NA  
**Project:** Boone-Watauga S  
**Certification #** 90B2-49BE-8FF7



Sanborn® Library search results  
Certification # 90B2-49BE-8FF7

## UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Total Maps: 0

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

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**APPENDIX C**  
**Quality Control Plan**

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**PROGRAMMATIC QUALITY CONTROL PLAN  
FOR  
PHASE I HTRW SITE INVESTIGATIONS**

**I. Purpose.**

This Quality Control Plan (QCP) presents the policy and specific actions that are being implemented on this program to insure that high quality products are produced on time and within budget. It defines the responsibilities and roles of each member on the Independent Quality Control Team. This QCP covers the review of Phase I HTRW Investigations prepared by the Environmental and Remediation Section (CELRH-EC-CE) and those prepared by an Architect-Engineer (A-E) consultant.

**II. References.**

- a. ER 1110-1-2 Engineering and Design Quality Management
- b. CELRDC 5-1-1 Quality Management Plan
- c. CELRHR 5-2-5 Quality Management Plan
- d. EM 385-1-1 Safety and Health Requirements Manual
- e. ASTM E 1527-00 and E 1528-00, ASTM Standards on Environmental Site Assessments for Commercial Real Estate
- f. CEORD-DL-P Memorandum, Section 202 Voluntary Non Structural Program, HTRW Policy, 9 September 1994

**III. General.**

- A. Type of Project** – Limited Phase I HTRW Investigation
- B. Location** – Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project
- C. Customer/Sponsor** – The customer for this project is the North Carolina Department of Environmental and Natural Resources, Division of Water Quality.
- D. Project Description** – Assessment of all project lands that could be contaminated prior to reclaiming site. Site assessment of all project lands shall include adjacent properties from which contamination could migrate. The Assessment shall consist of an environmental site assessment using standard practices to determine the potential for or presence of hazardous, toxic, or radioactive waste (HTRW).

#### **IV. Quality Control Plan.**

An effective Quality Control Plan (QCP) is important to the undertaking of this program due to the potential risks that HTRW poses to human health and the environment. An effective QCP will ensure that a high quality technical product will be produced that will require little or no revision prior to a quality assurance review.

#### **V. Internal Quality Control.**

Phase I HTRW assessments shall be prepared by a qualified Environmental Professional, CELRH-EC-CE. That individual will be responsible for ensuring a quality product through internal checks, review and interaction with Internal Quality Control Team (IQCT) member assigned to monitor project Quality. The Phase I HTRW assessment is conducted with full communication between team members. Only quality products will be released from the review team. All members of the review team will sign a quality certification sheet.

#### **VI. Quality Control (QC) Review Team.**

The IQCT shall consist of a Lead Environmental Professional (LEP), Quality Control Environmental Professional (QCEP) and an Environmental Technical Staff (ETS) member. Each member will be responsible for input or review for compliance with established policy and guidelines. The QC review team and their responsibilities are:

1. Lead Environmental Professional (LEP), Environmental and Remediation Section, Construction Management & Field Support Branch (CELRH-EC-CE). Performs Phase I HTRW Assessment and review of adequacy, completeness and verification that the Environmental Site Assessment has been conducted in accordance with standard practices, policy, and guidelines.
2. Quality Control Environmental Professional (QCEP), Environmental and Remediation Section, Construction Management & Field Support Branch (CELRH-EC-CE). Review for Precision, Accuracy, Representativeness, Comparability (PARCC), completeness and verification that the Environmental Site Assessment has been conducted in accordance with standard practices, policy and guidelines.
3. Environmental Technical Staff (ETS), Environmental and Remediation Section, Construction Management & Field Support Branch (CELRH-EC-CE). Review for hazard, risk assessment and conformance to policies and regulations.

#### **VII. Quality Assurance.**

Quality assurance (QA) review of Phase I HTRW Investigations executed by CELRH-EC-CE or their A-E, will be conducted by an Independent Quality Control Team.

Phase I reports that are prepared by CELRH-EC-CE will be on file in the district office.

#### **VIII. Project Schedule (Project File)**

The Project Schedule will be completed on a project by project basis and placed in the project file.

#### **IX. QC Certification**

The QC Certification will be completed on a project by project basis and placed in the project file.

Supplement to Generic QC/QA Plan

Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

This supplements the Huntington District Programmatic QC/QA Plan for HTRW/OE Products with specific information described below. The checklist in the CELRH Programmatic QC Plan for products should be used to guide reviewers.

Project Title: Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Date: February 25, 2008

Product(s): Limited Phase I HTRW Report

Customer Organization & Point of Contact: Town of Boone, North Carolina - Jim Byrne

Project Description: Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Project Manager: Mark Kessinger

Lead Environmental Professional: Nickolas McHenry

Product Team: (If applicable, individuals performing the work.)

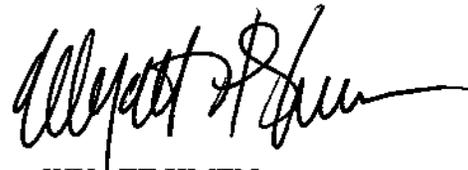
<u>NAME</u>	<u>ORGANIZATION</u>	<u>OFFICE SYMBOL</u>	<u>DISCIPLINE</u>
Nickolas McHenry	USACE	CELRH EC-CE	Environmental Engr.

Independent Technical Review Team (ITRT): (Individuals performing independent review.)

<u>NAME</u>	<u>ORGANIZATION</u>	<u>OFFICE SYMBOL</u>	<u>DISCIPLINE</u>
Daniel Stark	USACE	CELRH EC-CE	Geologist
Ken Woodard	USACE	CELRH EC-CE	Environmental Engr.

QA Examination Team: (Applies **ONLY** to Phase II ESA products and Category B products as well as those products of similar technical complexity.)

<u>NAME</u>	<u>ORGANIZATION</u>	<u>OFFICE SYMBOL</u>	<u>DISCIPLINE</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



APPROVED BY: WYATT KMEN  
Chief, Environmental and  
Remediation Section

Quality Control Review Certification

Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Project Title: Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Date: February 25, 2008

Product: Limited Phase I HTRW Investigation.

Lead Environmental Professional: Nickolas McHenry

In accordance with the Huntington District ISO Procedure 3.36, independent review for the identified product has been completed and all comments are resolved. The following ITRT members certify completion of the review and resolution of comments:

NAME	DISCIPLINE	INITIALS
Kenneth Woodard	Environmental Engineer	
Daniel Stark	Geologist	

Summary of issues resolved by the Chief of the Environmental and Remediation Section or responsible individual:

Lead Environmental Professional:

  
(Signature)

3/25/2008  
(Date)

## HTRWOE Checklist

for

Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Project Title: Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Date: February 25, 2008

Product(s): Limited Phase I HTRW Report.

Lead Environmental Professional: Nickolas McHenry

This checklist is intended to serve as a general guide for review of HTRWOE products. This checklist is not all inclusive and it is not intended to substitute for sound judgment of experienced professionals.

1.  The product is organized in the proper format. Paragraphs and pages are numbered correctly.
2.  The text is legible and letter perfect. Language is direct and unambiguous.
3.  All acronyms are spelled out the first time used in the text.
4.  Referenced documents and reports are available for review.
5.  Technical language used in the document/report is standard in the environmental industry and therefore will be understood by the customer.
6.  The work called for in the document/report is appropriate given the current site knowledge and purpose of the effort.
7.  Product has been prepared in accordance with standard practices, policy and guidelines
8. N/A Additional Comments.



Kenneth Woodard, PE, Environmental Engineer  
Environmental and Remediation Section

**Comments on Draft Limited Ph. I ESA  
Boone, NC  
Section 206 Aquatic Ecosystem Restoration Project  
(Mr. Nick McHenry, March 2008)**

*Reviewer: Ken Woodard, PE, Environmental Engineer*

1. General – Some typographical or grammatical errors are marked in red on the hard-copy of the report and are not recorded here.
2. General – In accordance with ASTM E 1527-05, a sheet showing the qualifications of the environmental professional must be included with the Ph. I report. I can provide an example sheet that Jo and I developed for Grundy, if you want.
3. General – Throughout the text, ASTM E 1528-00 is referenced. However, a newer version exists: ASTM E 1528-06. Since CELRH does not currently have a copy, no change to the text is recommended since we are not following it.
4. General – It is noted that the field investigation was performed by a sole environmental professional. However, this conflicts with Section 4.1 of the requirements of the CELRH SSHP for Ph. I ESAs. Also, all occurrences within the text should be revised from “Environmental professionals conducted...” (or similar) to “An environmental professional conducted...” (or similar).
5. 1.1 – Much (but not all) of the information in the 1<sup>st</sup> two sentences is redundant.
6. 2.1, 2<sup>nd</sup> paragraph – Although it is implied, it should be explicitly stated if there were no signs or records of leaks from the sewer pipe in this area.
7. 2.1, 6<sup>th</sup> sentence – It is stated here (and in the summary form) that two groundwater monitoring wells are located on this property. I believe that these wells need to be further addressed in the text, as they could be used for monitoring of groundwater contamination. The summary form states that they are used for biological monitoring, but this information also warrants discussion in the text. Additionally, the type of biological monitoring and/or reason for it should be discussed. The next sentence refers to an interview for more information on the wells. Although the questionnaire form in Appendix E notes the locations of the wells, it does not appear that any of the interviewees were able to provide additional information on them. The statement in the summary form of their being used for biological testing is confusing, because Ms. Kemp-Sullivan, ASU PM, stated that Mr. Creed, biology professor, has no knowledge of the wells. I assume that the biology department would be involved with sampling these wells if they were sampled for research purposes.
8. 2.1, 2<sup>nd</sup> paragraph, 7<sup>th</sup> sentence – This sentence was not completed.

9. 2.2, 6<sup>th</sup> sentence – Insert “maps” at the end of the sentence and/or consider combining with the previous sentence.
10. 2.3, next-to-last sentence – This sentence was not completed.
11. 2.5, mapped sites – I could not find where these mapped sites are addressed with respect to whether are not they are believed to have impacted this site.

**Response to QC Comments on Draft Limited Ph. I ESA**  
**Boone, NC**  
**Section 206 Aquatic Ecosystem Restoration Project**  
**(Mr. Nick McHenry, March 2008)**

1. General – Some typographical or grammatical errors are marked in red on the hard-copy of the report and are not recorded here.  
*Res. Concur. Text was searched for the errors noted above. In all cases the errors were corrected.*
2. General – In accordance with ASTM E 1527-05, a sheet showing the qualifications of the environmental professional must be included with the Ph. I report. I can provide an example sheet that Jo and I developed for Grundy, if you want.  
*Res. Concur. Please provide a copy of previous report's qualification sheet and I will complete and include it in the final version of this report.*
3. General – Throughout the text, ASTM E 1528-00 is referenced. However, a newer version exists: ASTM E 1528-06. Since CELRH does not currently have a copy, no change to the text is recommended since we are not following it.  
*Res. Concur. In the event the section obtains this new standard, it will be reviewed and implemented.*
4. General – It is noted that the field investigation was performed by a sole environmental professional. However, this conflicts with Section 4.1 of the requirements of the CELRH SSHP for Ph. I ESAs. Also, all occurrences within the text should be revised from “Environmental professionals conducted...” (or similar) to “An environmental professional conducted...” (or similar).  
*Res. Concur. Due to scheduling conflicts and the limited timeframe for which this project was to be completed it was necessary for this site visit to be conducted by only one environmental professional. All instances which note “environmental professionals” will be revised to note that only one “environmental professional” was present during the work.*
5. 1.1 – Much (but not all) of the information in the 1<sup>st</sup> two sentences is redundant.  
*Res. Concur. The first two sentences now read “Boone, NC, is located in the mountainous region of western North Carolina. Under Section 206 of the Water Resources Development Act of 1996, a stream restoration project is being proposed along a segment of the South Fork of the New River near Boone.”*
6. 2.1, 2<sup>nd</sup> paragraph – Although it is implied, it should be explicitly stated if there were no signs or records of leaks from the sewer pipe in this area.  
*Res. Concur. The following sentence was added to the paragraph “During the site visit (and later confirmed in interviews with city officials) it was noted that there were no signs of leakage associated with this main sewer line.”*

7. 2.1, 6<sup>th</sup> sentence – It is stated here (and in the summary form) that two groundwater monitoring wells are located on this property. I believe that these wells need to be further addressed in the text, as they could be used for monitoring of groundwater contamination. The summary form states that they are used for biological monitoring, but this information also warrants discussion in the text. Additionally, the type of biological monitoring and/or reason for it should be discussed. The next sentence refers to an interview for more information on the wells. Although the questionnaire form in Appendix E notes the locations of the wells, it does not appear that any of the interviewees were able to provide additional information on them. The statement in the summary form of their being used for biological testing is confusing, because Ms. Kemp-Sullivan, ASU PM, stated that Mr. Creed, biology professor, has no knowledge of the wells. I assume that the biology department would be involved with sampling these wells if they were sampled for research purposes.

*Res. Concur. Several individuals had pointed to the fact that the groundwater monitoring wells were placed by the Biology Dept. (Dr. Creed) for research of groundwater adjacent to the river. Then, in speaking with Mrs. Kemp-Sullivan, she said that she had contacted Dr. Creed and he had no knowledge of these wells. The wells themselves are very confusing because no one seems to have any knowledge as to why they are there and I didn't remember seeing them in the previous Phase I, but the vegetation in those areas was thicker at that time. This helps to explain why the text is confusing. The town of Boone and the university don't really know why they are there and they own the property. I've removed the write-up of the wells in the 2<sup>nd</sup> Paragraph and created a new paragraph specifically dealing with them. I'm still awaiting word from the State of North Carolina and Mrs. Kemp-Sullivan's additional research on the topic. I will hold off on submitting the final report until I receive this information. It is my belief that the wells were not placed to determine or track any type of contamination based on the previous use of the property and the lack of any spills in the immediate area. That is an educated guess based solely on my knowledge of the site. If no further information concerning the wells is obtained then I could possibly send the report on and add the caveat that if any excavation work in the areas of the groundwater monitoring wells reveals any contamination or concerns then EC-CE must be notified immediately for further action. (Note – Following this response it was determined that disturbance to a minimal depth would occur at the site. The following statement was added to the text "Due to the unknowns surrounding the groundwater monitoring wells in the project area, if groundwater or signs of contamination are encountered during construction activities, EC-CE shall be notified immediately so that further examination of the situation may take place as needed."*

8. 2.1, 2<sup>nd</sup> paragraph, 7<sup>th</sup> sentence – This sentence was not completed.  
*Res. Concur. The sentence has been revised to read "More information concerning these wells is given in Appendix E Interviews with Town of Boone and Appalachian State University officials."*

9. 2.2, 6<sup>th</sup> sentence – Insert “maps” at the end of the sentence and/or consider combining with the previous sentence.

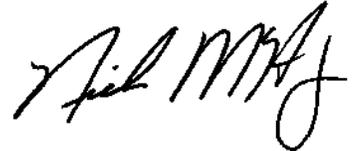
*Res. Concur. These two sentences were revised to read “Historical topographic maps were obtained in the EDR Data Package and include the 1902, 1942, 1959, 1978 and 1994 maps. (See Appendix A for copies of these maps.)”*

10. 2.3, next-to-last sentence – This sentence was not completed.

*Res. Concur. The sentence was revised to read “They all also noted that a senior citizen/single family housing structures were located in the property to the southeast of the project area.”*

11. 2.5, mapped sites – I could not find where these mapped sites are addressed with respect to whether are not they are believed to have impacted this site.

*Res. Concur. The following sentence has been added below the list of bulleted mapped locations “It should be noted that although these sites are located within one-half mile of the proposed project site, the site visit determined that the sites do not appear to impact the proposed project area.”*



## HTRWOE Checklist

for

Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

Project Title: Boone, North Carolina Section 206 Aquatic Ecosystem Restoration Project

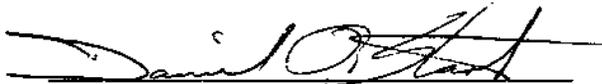
Date: February 25, 2008

Product(s): Limited Phase I HTRW Report.

Lead Environmental Professional: Nickolas McHenry

This checklist is intended to serve as a general guide for review of HTRWOE products. This checklist is not all inclusive and it is not intended to substitute for sound judgment of experienced professionals.

1.  The product is organized in the proper format. Paragraphs and pages are numbered correctly.
2.  The text is legible and letter perfect. Language is direct and unambiguous.
3.  All acronyms are spelled out the first time used in the text.
4.  Referenced documents and reports are available for review.
5.  Technical language used in the document/report is standard in the environmental industry and therefore will be understood by the customer.
6.  The work called for in the document/report is appropriate given the current site knowledge and purpose of the effort.
7.  Product has been prepared in accordance with standard practices, policy and guidelines
8.  Additional Comments.



Daniel Stark, Geologist  
Environmental and Remediation Section

MEMORANDUM FOR RECORD

SUBJECT: QC Review of the Draft Boone Section 206 Aquatic Ecosystem Restoration Project, Boone, NC, Limited Phase I ESA, February 2008, Report #3.

1. The following are comments to the above referenced document.
2. Section 1.0, last sentence. It is stated in this section that the investigation is "*limited* because a search of records of regulatory agencies was not performed or reviewed", whereas the Executive Summary and other instances in the report states that it is "because a search of the ownership history was not performed or reviewed". Please clarify.
3. Section 1.3, first paragraph, sentences 5 and 7. These two sentences make the same point and are redundant. One of the sentences needs to be removed.
4. Section 1.3, third paragraph, first sentence. This sentence should state that "title ownership was *not* developed for the project."
5. Section 2.3, last paragraph, third sentence. This is either an incomplete sentence, or a portion of it was not edited out. Needs rewritten.
6. If you have any questions on the above comments, please let me know.



DANIEL F. STARK  
Environmental & Remediation Section

MEMORANDUM FOR RECORD

SUBJECT: Response to QC Review Comments of the Draft Boone Section 206 Aquatic Ecosystem Restoration Project, Boone, NC, Limited Phase I ESA, February 2008, Report #3.

The following response to comments are provided for your acceptance:

1. Section 1.0, last sentence. It is stated in this section that the investigation is "*limited* because a search of records of regulatory agencies was not performed or reviewed", whereas the Executive Summary and other instances in the report states that it is "because a search of the ownership history was not performed or reviewed". Please clarify.

*Res. Concur. The language in this section was revised to read "This investigation is termed as limited because a search of the ownership history was not performed or reviewed."*

2. Section 1.3, first paragraph, sentences 5 and 7. These two sentences make the same point and are redundant. One of the sentences needs to be removed.

*Res. Concur. Sentence #5 was deleted.*

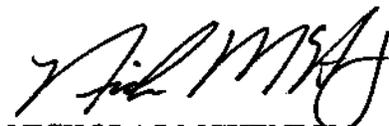
3. Section 1.3, third paragraph, first sentence. This sentence should state that "title ownership was *not* developed for the project."

*Res. Concur. The word "not" was inserted in this sentence as this suggested.*

4. Section 2.3, last paragraph, third sentence. This is either an incomplete sentence, or a portion of it was not edited out. Needs rewritten.

*Res. Concur. The sentence was revised to read "They all also noted that a senior citizen/single family housing structures were located in the property to the southeast of the project area."*

If you have any questions on the above response to comments, please let me know.



NICKOLAS MCHENRY  
Environmental & Remediation Section

**APPENDIX D**  
**Site Safety and Health Plan**

---

**GENERIC  
SITE SAFETY AND HEALTH PLAN  
FOR  
PHASE I ENVIRONMENTAL SITE ASSESSMENTS  
AND  
ASBESTOS INSPECTIONS**

Prepared by:  
U.S. Army Corps of Engineers  
Huntington District  
502 8th Street  
Huntington, West Virginia 25701-2070

Updated by: *Kenneth L. Woodard* 25 JAN 08  
Kenneth L. Woodard, PE      Date  
Environmental Engineer  
Environmental and Remediation Section

Reviewed by: *Wyatt H. Krlen* 1/25/08  
Wyatt H. Krlen      Date  
Chief  
Environmental and Remediation Section

Approved by: *Jean L. Read* 1/25/08  
Jean Read      Date  
Chief  
Safety Office

## **1.0 INTRODUCTION**

1.1 Purpose. The purpose of this Site Safety and Health Plan (SSHP) is to establish personnel protection standards, mandatory safety practices, and procedures for all work conducted in the execution of Phase I HTRW Investigations and Asbestos Inspections. The plan assigns responsibilities, establishes standard operating procedures, and provides emergency procedures while operations are being conducted during these field activities. This SSHP is designed to comply with the USACE Safety and Health Requirements Manual, EM 385-1-1, 03 November 2003.

1.2 Policy. The provisions set forth in this SSHP are mandatory for all personnel who perform or assist in the conduct of this work. All personnel must become familiarized with the requirements of this SSHP prior to performance of any Phase I HTRW Investigation or Asbestos inspection. The SSHP shall be amended to be site-specific, i.e., show local hospital route, site locations, etc., prior to each new field activity.

## **2.0 SITE DESCRIPTION AND CONTAMINATION CHARACTERISTICS**

2.1 General. Sites to be investigated will include residential or commercial properties, civil works sites, former manufacturing facilities, military sites, or work for others sites.

2.2 Contamination Characteristics. Investigations and inspections at sites other than typical residential or commercial (non-industrial) shall be performed with extreme caution due to the unknown nature of the contaminants. Contamination may range from minor petroleum contamination (fuel spills, motor oil) or improperly disposed household wastes, to more toxic wastes such as PCBs, heavy metals, dioxins, volatiles, and ordnance. Prior to the site visit, the inspection team shall assess the hazardous and toxic contamination potential for the site and amend this SSHP, as appropriate. It is noted that intrusive sampling, other than sampling for asbestos containing materials (ACM), is beyond the scope of Phase I HTRW Investigations.

Each site shall be thoroughly inspected for any evidence of HTRW contamination in accordance with the requirements of ASTM E 1527-05 and ASTM E 1528-00. Structures shall be inspected for potential ACM and samples taken and analyzed in accordance with USEPA guidance for this work. The site shall be thoroughly walked over and inspected for any signs of contamination, such as distressed vegetation, partially buried drums, excavation or fill activities, underground storage tanks, soil staining, etc.

## **3.0 HAZARD/RISK ANALYSIS**

3.1 Chemical Hazards. Inspectors could be exposed to a variety of contaminants; however, due to the non-intrusive nature of a Phase I investigation, the likelihood for exposure is very minimal. Inspectors shall not open any drums or underground storage tanks (USTs), nor disturb any other areas of suspect contamination. If a hazardous or toxic condition is evident or suspected, the team shall immediately cease the investigation and notify the Chief,

Environmental and Remediation Section. Re-entry to the site shall not be permitted until the situation has been thoroughly investigated.

ACM inspectors shall reduce the risk of exposure to these materials with the use of safe sampling procedures. Inspectors shall wear appropriate respiratory protection if the suspect material appears to be friable. Friable sampling areas shall be wetted prior to sampling and immediately sealed with a clear lacquer or other encapsulating material following the sampling activity.

3.2 Accident Prevention. The most significant hazards expected to be encountered while performing these investigations will be slip, trips, falls, and cuts. These hazards are prevalent due to uneven terrain, weather conditions (rain or snow), dilapidated structures, unstable refuse piles, etc. The use of protective gloves and appropriate footwear will minimize these hazards. Inspectors must remain aware of these hazards at all times and shall employ use of the "buddy system" when performing these inspections to reduce the possibility of injury. Inspectors shall also use sound judgment when inspecting a site and shall cease the inspection immediately when human health and safety is jeopardized. Obviously hazardous areas, such as structures with rotten floors, open tanks and drums, confined space entry, etc., will be avoided.

Execution of these field activities will be conducted during both hot and cold temperatures, as well as during inclement weather. Investigators shall take such precautions as wearing rain suits, layering clothing for cold weather, or wearing loose-fitting clothing during hot weather. Since these activities are not particularly physically taxing, workers should not experience heat or cold stress. Frequent breaks in the shade or in a warm vehicle will be possible, as well as replenishing oneself with cold or warm fluids as applicable.

Other hazards to be aware of are biological hazards, such as bees, ticks, snakes, etc., as well as vicious animals. Fieldwork shall be abandoned when any of these hazards are present and shall not resume until safe site entry can be made.

3.3 Vehicle Operation. Field personnel may require the use of a motor vehicle. All vehicles shall be operated in accordance with EM 385-1-1, 18.B. Key points from the Corps safety manual are:

- Operators shall exercise defensive driving techniques.
- Seat belts shall be worn by all occupants.
- The operator shall have the vehicle under control at all times.
- Vehicles shall be driven at speeds not greater than the posted legal speed limit, weather permitting.
- Vehicles shall not be left unattended until the motor has been shut off and the key removed from the ignition.
- Headlights shall be used from sunset until sunrise and during times of adverse weather or sight conditions.
- All equipment shall be properly secured.
- Vehicle shall be maintained in good working order.

- Personnel shall be clear of traffic when exiting the vehicle.

Special considerations need to be taken for off-road usage of vehicles. Off-road areas include but are not limited to trails, tracks, and haul roads and the following precautions shall be exercised:

- Reduce speed on trails, tracks, and haul roads compared to similarly-constructed civil roads.
- Trails, tracks, and haul roads are not built to highway standards for width and sight distance, so be alert for other vehicles.
- Intersections of trails, tracks, or haul roads must be considered high-risk areas - proceed with extreme caution.
- Cross-country driving is discouraged unless a ground guide is leading the vehicle on foot.
- Grades greater than 10% shall not be driven on.

If all-terrain vehicles (ATVs) or utility vehicles are used, the requirements of EM 385-1-1 Section 18.D or Section 18.F, respectively, must be followed.

#### **4.0 STAFF ORGANIZATION, QUALIFICATIONS AND RESPONSIBILITIES**

4.1 Staff Organization. The Corps inspection team shall consist of two field workers, environmental engineers or engineering technicians. If ACM sampling is required, one team member shall be certified to conduct this work. Each individual shall be responsible as a site safety and health officer due to the minimal hazards associated with this work. Key personnel for this work include the following:

Environmental Engineers	Frank Albert, P.E. Lisa Humphreys Nick McHenry, E.I. Ken Woodard, P.E.
Chemist	Janet Wolfe
Geologist	Daniel Stark, P.G.
Engineering Technicians	Steve Thompson (Asbestos) Jo Huff (Asbestos)

Additional personnel may be essential to these work activities, as approved by the Chief, Environmental and Remediation Section.

4.1.1 Section Chief's Responsibilities. For job-related injuries which require medical treatment, the Section chief shall accompany the injured employee to the medical treatment facility and explain the employee's regular duties and the availability of "Light Duty" so that the injured employee can return to work as soon as medically possible.

4.1.2 Employee's Responsibilities. Employees shall be required to read this SSHP and comply with all aspects contained herein. Employees shall not endeavor to conduct these investigations without use of the "buddy system". Employees shall immediately notify the Chief, Environmental and Remediation Section, of any hazardous or potentially hazardous incident or working situation. Employees shall comply with all property owners' security or clearance requirements. Finally, employees shall comply with a property owner's request to vacate the premises, if so directed, and shall immediately apprise the Chief, Environmental and Remediation Section, of this situation.

4.1.3 Reporting and Investigation. All accidents shall be reported as soon as possible to the Section Chief. The Branch Collateral Duty Safety Officer shall investigate the accident and recommend any corrective actions on ENG Form 3394, furnished to the Safety Office within 2 working days following the accident.

4.2 Training. All investigators have been trained for HTRW work in accordance with 29 CFR 1910.120(e) and receive an annual eight-hour refresher course in hazardous waste site operations. This training meets the requirements of EM 385-1-1, 28.D. All personnel have received Red Cross-sponsored first aid and CPR training and are qualified to administer minor first aid treatment, which is considered adequate for these investigations. Training documentation is on file at the District office. Additionally, all personnel have received site-specific training as required in EM 385-1-1, 28.D.03. Inspectors involved in sampling suspect ACM have received USEPA-sponsored training that meets the requirements of 40 CFR Part 763 AHERA for purposes of accreditation required under Toxic Substances Control Act (TSCA) Section 206. Asbestos inspectors shall also receive an annual training refresher and license renewal.

## **5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

5.1 General. All personnel have been issued their own PPE and received training in the proper use of this equipment. Regular inspections of this equipment are the individual's responsibility. Any defective equipment shall be reported immediately to the Section Chief so that a replacement can be issued. All PPE meets or exceeds the appropriate ANSI standard.

5.2 Protection Requirements. The level of protection for these investigations should be Level D. No personnel shall enter a site or situation that requires protection above this level. The minimum requirements for Level D protection are sleeved (long or short) shirts, long trouser pants, and steel-toed safety shoes or boots. Personnel may be required to wear safety glasses with side shields, a hard hat, or protective gloves depending on the work situation (sampling asbestos, entering crawl spaces, etc.). All employees receive regular medical exams to assure that they are physically fit to conduct hazardous waste site investigations in accordance with EM 385-1-1, 05.E. and 29 CFR 1910.120.

## **6.0 MEDICAL SURVEILLANCE**

6.1 General. All employees engaged in HTRW activities are required to enter the

District's medical surveillance program, which is executed by the Safety and Occupational Health Office. The program is conducted in accordance with EM 385-1-1, Appendix K and 29 CFR 1910.120 and its appendices. The Safety Office contracts with licensed Occupational Health physicians who are knowledgeable of the physical requirements for hazardous waste site workers.

A baseline physical exam and assessment are conducted to assure that the employee is physically fit to perform the duties required in hazardous waste site operations. This initial exam includes a complete physical examination of major vital organs, chest x-ray, EKG, complete blood workup, audiogram and pulmonary function tests. The examining physician then furnishes the Safety Office a certification of the employee's ability to perform this work or any restrictions that should be imposed.

Annual exams are then conducted which consist of the physical exam, blood work, audiogram, and pulmonary function tests. A chest x-ray and EKG are conducted every third year, or at the discretion of the Safety Office or examining physician. The District Safety Office maintains the medical files for all hazardous waste site workers for a period of 30 years following employment with the Government.. Additional, non-scheduled examinations shall be conducted, given the following conditions:

- After an employee has been subjected to a known acute exposure of a hazardous or toxic material.
- After an employee has been subjected to a potential acute exposure of a hazardous or toxic material.
- At the request of an employee who feels that he or she has the symptoms of an acute exposure.
- Prior to an employee's return to work following extended absence due to work-related injury or illness.

## **7.0 MONITORING**

7.1 Air Monitoring. Due to the non-intrusive nature of these investigations, air monitoring should not be required. Employees shall avoid areas that may be suspect for collection of toxic vapors such as manholes, confined spaces, etc. Sampling for ACM shall be conducted in a controlled manner to eliminate air borne particulates. Employees shall use a respirator as required to conduct this work and shall not allow unprotected field personnel or the public within any exposure areas. Employees using respirators must have annual respirator training.

7.2 Heat/Cold Stress Monitoring. Due to the short term nature of these field investigations, heat or cold stress related problems should not occur. Employees should be able to perform their limited field activities and then seek comfort within a heated or air conditioned vehicle, in shady areas, in a nearby building, etc.

## **8.0 STANDARD SAFETY PROCEDURES**

Standard safety procedures for these HTRW/ACM activities include the following:

- Employees shall always use the "buddy system".
- Employees shall never open or tamper with drums, containers, USTs, or any other potential sources of hazardous and toxic substances.
- Employees shall use sound judgment when entering potentially dangerous situations, i.e., dilapidated structures, properties with vicious dogs, etc. If any of these situations arise, the investigation shall cease until safe site entry can be made.

## **9.0 SITE CONTROL**

These investigations will be conducted on private, public, and Government property. Site control will not be under the control of the field personnel on public or private property. Personnel shall be required to maintain control within the vicinity of ACM sampling activities, however, to protect other field workers and the public.

## **10.0 PERSONAL HYGIENE AND DECONTAMINATION**

Personnel shall adhere to the standard safety procedures noted in Section 8.0 and avoid contact with any potentially hazardous or toxic substances. If contact is made with minor contaminants, such as petroleum products, normal washing with soap and water should be adequate. Should contact be made with caustic or acidic substances, the exposed area shall be flushed with water for 15 minutes and the injured worker rushed to the local hospital or other medical facility.

Workers involved with sampling of ACM shall take care to avoid contact with any particulates. If exposure occurs, the affected area shall be washed with soap and water to remove any contamination.

Workers shall always practice good hygiene and be sure to wash their hands prior to eating, drinking, or smoking. They shall also thoroughly wash their face, hands, and any other exposed areas following the conduct of daily field activities.

## **11.0 EQUIPMENT DECONTAMINATION**

The equipment necessary to conduct these field activities includes a camera and asbestos sampling tools. Decontamination of the asbestos sampling tools shall be accomplished by wiping the tool clean after each sampling activity to avoid any cross-contamination between samples. Wiping cloths shall be double-bagged and disposed of in a sanitary landfill.

## **12.0 EMERGENCY EQUIPMENT AND FIRST AID**

All employees engaged in these activities have received Red Cross-sponsored training in

minor first aid and CPR. Since the "buddy system" shall be employed during these activities, the requirement in EM 385-1-1 to have two employees on the site certified in first aid and CPR shall be met. The Government vehicle shall be equipped with a first aid kit to treat minor injuries. The first aid kit shall be restocked prior to each field investigation and checked to assure that the contents have remained sterile.

### 13.0 EMERGENCY RESPONSE

13.1 General. If an emergency arises that involves a major personal injury, fire, or other threat to the surrounding area, local emergency responders shall be contacted. Since these activities may be conducted in remote locations, employees must become familiar with the location of the closest medical facility and the most direct route to that facility.

#### 13.2 Emergency Contacts:

Town of Boone Fire Department	(828) 262-4520
Town of Boone Police Department	(828) 262-4500
Watauga County Emergency & Rescue Squad	(828) 264-2426

#### 13.3 Directions to Hospital:

Watauga Medical Center  
336 Deerfield Road  
Boone, NC 28607  
(828) 262-4100

#### Directions to Hospital:

From City Center take State Route 221 South to Deerfield Road. Take Left on Deerfield Road.

***APPENDIX A***  
***JOB HAZARD ANALYSIS***

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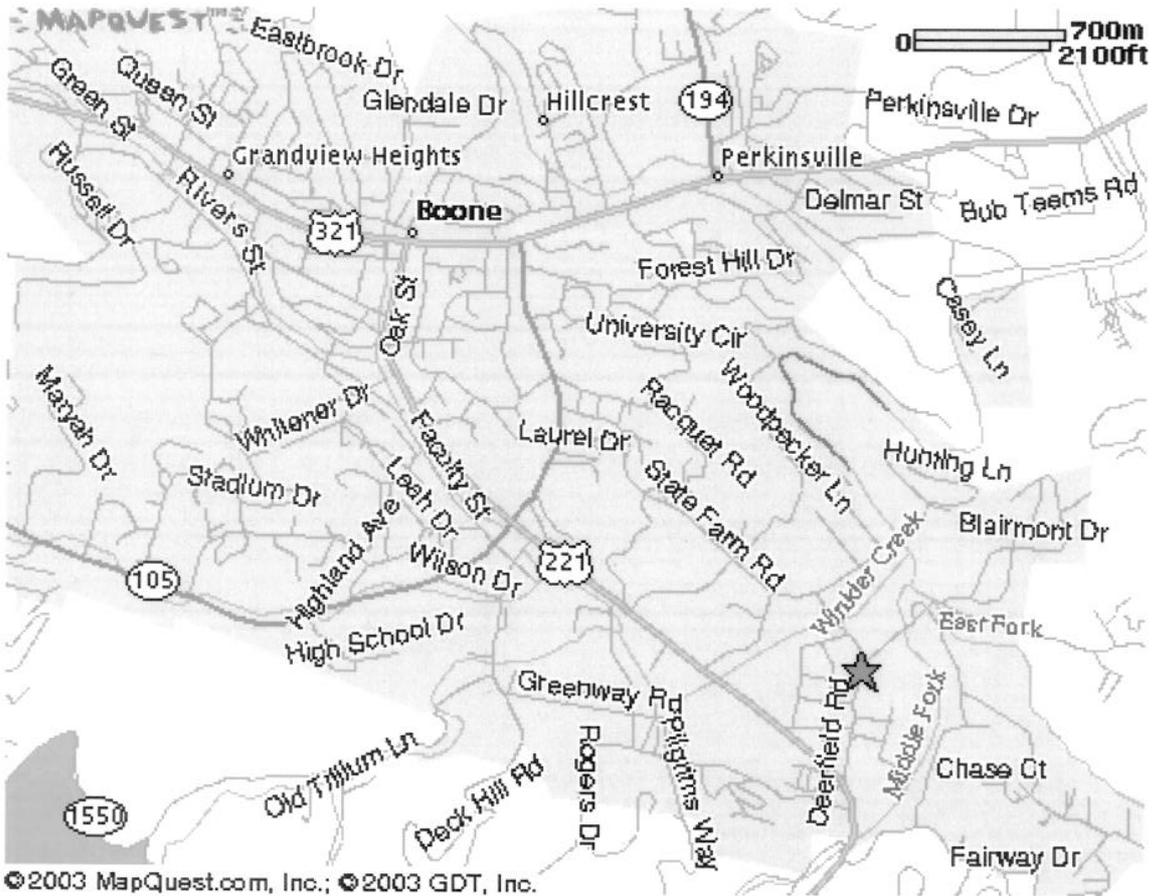
**JOB HAZARD ANALYSIS  
FOR  
PHASE I HTRW INVESTIGATIONS & ASBESTOS INSPECTIONS**

<b>ACTIVITY</b>	<b>HAZARD</b>	<b>REMEDY</b>
<p><i>Vehicle operation</i></p>	<ol style="list-style-type: none"> <li>1. Inclement weather or visibility hazards.</li> <li>2. Medication or other drowsiness.</li> <li>3. Other drivers and traffic.</li> </ol>	<ol style="list-style-type: none"> <li>1. Always wear seat belts; use headlights from dusk to dawn or in fog; obey posted speed limit; slow down as appropriate; apply 2 second rule.</li> <li>2. Never operate a vehicle if medication causes drowsiness; never drive if you are sleepy or otherwise impaired.</li> <li>3. Use defensive driving techniques; park your vehicle clear from traffic.</li> </ol>
<p><i>Phase I HTRW Inspection</i></p>	<ol style="list-style-type: none"> <li>1. Slip, trip and fall</li> <li>2. Unknown HTRW</li> <li>3. Confined spaces</li> <li>4. Biological and physical hazards</li> </ol>	<ol style="list-style-type: none"> <li>1. Assure firm footing; do not climb unstable slopes; wear protective footwear.</li> <li>2. Never open drums, containers or underground storage tanks for these investigations.</li> <li>3. Never enter confined spaces for these investigations.</li> <li>4. Use tick or insect repellent; do not enter sites with vicious animals.</li> </ol>
<p><i>Asbestos sampling</i></p>	<ol style="list-style-type: none"> <li>1. Airborne particulates.</li> <li>2. Cuts or abrasions.</li> <li>3. Sample cross-contamination.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adequately wet the sample area prior to sampling; wear respiratory protection as required.</li> <li>2. Wear protective leather gloves; always use a sharp sampling tool.</li> <li>3. Thoroughly wipe sampling tools after each sampling activity.</li> </ol>

***APPENDIX B***  
***HOSPITAL MAP***

---

**Watauga Medical Center  
336 Deerfield Road  
Boone, NC 28607  
(828) 262-4100**



Note – Star represents location of hospital. Site location shown in red.

PLAN ACCEPTANCE FORM  
SITE SAFETY AND HEALTH PLAN  
FOR

PROJECT NAME: BOONE, NC SECTION 206 PROJECT

LOCATION: BOONE, NC

I have read and agree to abide by the contents of the Site Safety and Health Plan and I have attended the Safety Briefing for the aforementioned site.

NAME (PRINTED)	OFFICE	SIGNATURE	DATE
NICK MCHENRY	CELRH-EC-CE	<i>Nick Mch</i>	2/19/2008

Person responsible for the safety briefing

*Nick Mch*  
SIGNATURE

2/19/08  
DATE

**APPENDIX E**  
**Interviews**

---

## Interview Summary

**Interviews were conducted with local officials in Boone, NC in February 2008. The interviews were conducted by Nickolas McHenry.**

Appalachian State University (owner of the property) was contacted in response to the proposed project area. Allison Kemp-Sullivan, Design & Construction Department - Construction Project Manager, was contacted in response to the interview. Her interview was used to inform the environmental professionals of information pertaining to the site. The following questions and answers were submitted during the dialog conducted during the interview. The phone number used to contact the representative is (828) 262-6622.

- 1) What is your understanding of the history of the site?

*Ans. The property was formerly known as "The Farm" or "State Farm" because the area was previously used as a farm that served the students at Appalachian State University. The farm was used as a dairy farm and*

- 2) Do you have any knowledge of the groundwater monitoring wells located on the property?

*Ans. No, I spoke with Robert Creed, professor of biology at ASU, and he had no knowledge of the wells on the site. The construction officers here in my office don't have knowledge of the wells.*

- 3) Have there ever been any tanks on the property or on adjacent properties?

*Ans. No. There have never been any tanks or gas stations or anything of that sort on the property. There were single family residences and a senior citizen nursing home located across the river. It has since been demolished, but I don't believe that it contained any of these items..*

The Boone, NC Public Utilities Department was contacted in response to the proposed project area and the 30" main sewer line that runs through the property. Jeff Henson, Utilities Specialist, was contacted in response to the interview. His interview was used to inform the environmental professionals of information pertaining to the site. The following questions and answers were submitted during the dialog conducted during the interview. The phone number used to contact the representative is (828) 262-4550.

- 1) Have there been any leaks in the Town of Boone's main sewer line that runs through the proposed project area?

*Ans. I've worked in this department for 12 years and there have never been any leaks or problems on this line in the area.*

- 2) Are there any additional environmental concerns that you know of in the area?

*Ans. No.*

Jim Byrne, Special Assistant to the Mayor of Boone, NC, was contacted in response to the proposed project area. Mr. Byrne had been previously been contacted in earlier

versions of Phase I HTRW Investigations of this project area. His interview was used to inform the environmental professionals of information pertaining to the site. The following questions and answers were submitted during the dialog conducted during the interview. The phone number used to contact the representative is (828) 262-4540.

- 1) Have there been any changes in the environmental conditions of the property since the last time the Phase I was conducted on the property?

*Ans. No, the conditions of the property are exactly the same. The only item that I can recall was there was a fish kill from chemicals spilt at a water treatment plant in Blowing Rock on the same river. This town is located approximately 8 miles upstream.*

- 2) Have there been any leaks or problems with the sewer line that is located in the proposed area?

*Ans. No, there hasn't been any issues in the 20 years that I've been here.*

Jim Bryan, Landscape Services Manager at Appalachian State University, was contacted in response to the proposed project area. His interview was used to inform the environmental professionals of information pertaining to the site. The following questions and answers were submitted during the dialog conducted during the interview. The phone number used to contact the representative is (828) 262-3190 x133.

- 1) Do you have any knowledge of the groundwater monitoring wells located on the property?

*Ans. No, I have no knowledge of these wells.*

- 2) Do you have any knowledge of the history of the site?

*Ans. Yes, it was previously used as a dairy farm and vegetable farm for campus use. Following that use the property was converted into recreational/athletic fields for the students of the university. As far as I know that's been the only use of the property.*

Site I.D.: WATAUGA SECTION 206

ASSESSOR:  
 Name: Nick Mahony  
 Title: ENVIRONMENTAL ENGINEER  
 Date: FEBRUARY 29, 2008

\* SITE VISIT NOTES

## PHASE I HTRW OWNER / OCCUPANT QUESTIONNAIRE

OWNER'S NAME / TEL. #: Appalachian State University  
 OCCUPANT'S NAME / TEL. #: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 TOWN / TOWNSHIP: Boone  
 COUNTY: Watauga  
 STATE: North Carolina  
 LENGTH OF OWNERSHIP & PREVIOUS OWNER (If Known): State of NC  
 AGE OF STRUCTURE: n/a  
 CURRENT USE OF PROPERTY: Recreational fields / hike / walking Path

QUESTIONS	OWNER		OCCUPANTS		SITE OBSERVATION	
	YES	NO	YES	NO	YES	NO
1 Was the property formerly used for commercial / industrial use?					YES	<input checked="" type="radio"/> NO
2 Are any adjoining properties used or formerly used for commercial / industrial use?					YES	<input checked="" type="radio"/> NO
3 Was the property used as a gasoline station, motor repair, printing, cleaners, laboratory, junkyard, landfill, waste treatment, storage, disposal, processing, or recycling facility? Circle use. Other: _____					YES	<input checked="" type="radio"/> NO
4 Were any adjoining property used as a gasoline station, motor repair, printing, cleaners, laboratory, junkyard, landfill, waste treatment, storage, disposal, processing, or recycling facility? Circle use. Other: _____					YES	<input checked="" type="radio"/> NO
5a. Are there currently any damaged or discarded batteries, pesticides, paints, or other chemical containers stored on or used at the facility?					YES	<input checked="" type="radio"/> NO
5b. Is there evidence of prior such activities?					YES	<input checked="" type="radio"/> NO
6 Did you observe evidence or do you have any knowledge that fill material has been brought onto the property from a contaminated or unknown site?					<input checked="" type="radio"/> YES	NO
7 Is there any stained soil or distressed vegetation on the property?					YES	<input checked="" type="radio"/> NO
8a. Is there any evidence on the property of UST's, including vent pipes, fill pipes, or remnants of fuel dispensers?					YES	<input checked="" type="radio"/> NO
8b. Is there any evidence on the property of AST's, including pipes or remnants of fuel dispensers?					YES	<input checked="" type="radio"/> NO
8c. Is there evidence on adjacent properties of UST's, including vent pipes, fill pipes, or remnants of fuel dispensers?					YES	<input checked="" type="radio"/> NO
8d. Is there evidence on adjacent properties of AST's, including pipes or remnants of fuel dispensers?					YES	<input checked="" type="radio"/> NO
9 Are there any odors on the property?					YES	<input checked="" type="radio"/> NO
10a. Are there wells or cisterns on the property?					<input checked="" type="radio"/> YES	NO
10b. Has any analysis been performed on these wells?					YES	NO

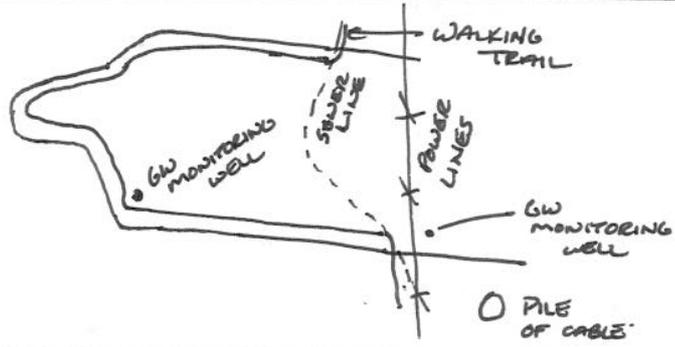
*ROCK SLOPE PROTECTION*

*LOW MONITORING UNKNOWN*

11	Are there environmental liens, notices of violation, or other pending actions on the property or adjacent properties?	YES	NO	YES	NO	YES	<u>NO</u>
12	Has the owner or occupant of the property been informed of past or current existence of hazardous substances, petroleum products, or any environmental violations with respect to the property?	YES	NO	YES	NO	YES	<u>NO</u>
13	Does the owner or occupant of the property have any knowledge of previous environmental reports on the property?	YES	NO	YES	NO	YES	<u>NO</u>
14	Does the owner or occupant of the property know of any pending environmental or compliance actions against the property?	YES	NO	YES	NO	YES	<u>NO</u>
15	Does the property discharge waste water off site into a storm sewer, stream, waterway, or other sensitive receptor?	YES	NO	YES	NO	<u>YES</u>	NO
16	Does the property discharge sewage to a septic tank or sanitary sewer?	YES	NO	YES	NO	YES	<u>NO</u>
17a.	Is there a transformer, capacitor, or any hydraulic equipment on the property?	YES	NO	YES	NO	YES	<u>NO</u>
17b.	Are there any records indicating the presence of PCBs?	YES	NO	YES	NO	YES	<u>NO</u>

RUNOFF WATER FLOWS INTO NEW RIVER

Facility Site Plan (Note Photos):



Comments / Observations (Identify Question Number):

- 2 GW MONITORING WELLS
- AREAS OF NOTED ROCK PLACEMENT FOR STREAMBANK PROTECTION
- POWER LINE CROSSES SOUTHERN PORTION OF PROJECT AREA.
- SEWER LINE (30") CROSSES SOUTHERN PORTION OF PROJECT AREA.

Attach Support Documents if Necessary

Site I.D.: BOONE, NC SECT. 206

ASSESSOR: Name: <u>NICKOLAS MCHENRY</u> Title: <u>ENVIRONMENTAL EIT</u> Date: <u>JANUARY 7, 2004</u>
---

**PHASE I HTRW OWNER / OCCUPANT QUESTIONNAIRE**

OWNER'S NAME / TEL. #: PROPERTY - APPALACHIAN ST. UNIV.  
 OCCUPANT'S NAME / TEL. #: JIM BYRNE 828-265-3206  
 ADDRESS: 151 MEADOWVIEW DRIVE  
 TOWN / TOWNSHIP: BOONE  
 COUNTY: WATAVUGA  
 STATE: NORTH CAROLINA  
 LENGTH OF OWNERSHIP & PREVIOUS OWNER (If Known): NOT KNOWN  
 AGE OF STRUCTURE: NO STRUCTURES ON SITE  
 CURRENT USE OF PROPERTY: RECREATION / SPORTS FIELDS

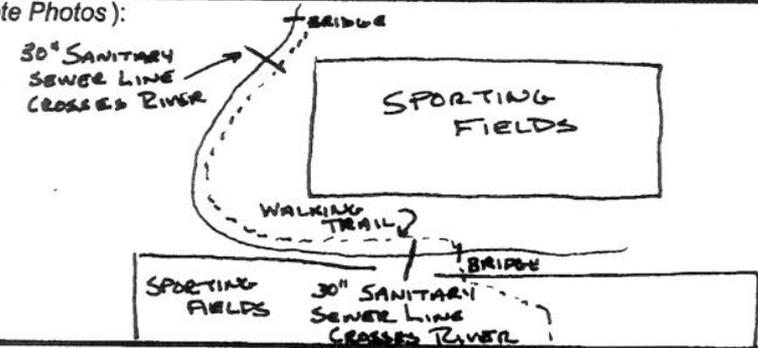
*Jimbyrne@  
hotmail.  
com*

QUESTIONS	OWNER	OCCUPANTS	SITE OBSERVATION
1 Was the property formerly used for commercial / industrial use?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
2 Are any adjoining properties used or formerly used for commercial / industrial use?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
3 Was the property used as a gasoline station, motor repair, printing, cleaners, laboratory, junkyard, landfill, waste treatment, storage, disposal, processing, or recycling facility? Circle use. Other:	YES <input checked="" type="radio"/> NO	YES NO	YES NO
4 Were any adjoining property used as a gasoline station, motor repair, printing, cleaners, laboratory, junkyard, landfill, waste treatment, storage, disposal, processing, or recycling facility? Circle use. Other:	YES <input checked="" type="radio"/> NO	YES NO	YES NO
5a. Are there currently any damaged or discarded batteries, pesticides, paints, or other chemical containers stored on or used at the facility?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
5b. Is there evidence of prior such activities?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
6 Did you observe evidence or do you have any knowledge that fill material has been brought onto the property from a contaminated or unknown site?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
7 Is there any stained soil or distressed vegetation on the property?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
8a. Is there any evidence on the property of UST's, including vent pipes, fill pipes, or remnants of fuel dispensers?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
8b. Is there any evidence on the property of AST's, including pipes or remnants of fuel dispensers?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
8c. Is there evidence on adjacent properties of UST's, including vent pipes, fill pipes, or remnants of fuel dispensers?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
8d. Is there evidence on adjacent properties of AST's, including pipes or remnants of fuel dispensers?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
9 Are there any odors on the property?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
10a. Are there wells or cisterns on the property?	YES <input checked="" type="radio"/> NO	YES NO	YES NO
10b. Has any analysis been performed on these wells?	YES <input checked="" type="radio"/> NO	YES NO	YES NO

Site I.D.: Boone Selt. 206

11	Are there environmental liens, notices of violation, or other pending actions on the property or adjacent properties?	YES	<u>NO</u>	YES	NO	YES	NO
12	Has the owner or occupant of the property been informed of past or current existence of hazardous substances, petroleum products, or any environmental violations with respect to the property?	YES	<u>NO</u>	YES	NO	YES	NO
13	Does the owner or occupant of the property have any knowledge of previous environmental reports on the property?	YES	<u>NO</u>	YES	NO	YES	NO
14	Does the owner or occupant of the property know of any pending environmental or compliance actions against the property?	YES	<u>NO</u>	YES	NO	YES	NO
15	Does the property discharge waste water off site into a storm sewer, stream, waterway, or other sensitive receptor?	YES	<u>NO</u>	YES	NO	YES	NO
16	Does the property discharge sewage to a septic tank or sanitary sewer?	YES	<u>NO</u>	YES	NO	YES	NO
17a.	Is there a transformer, capacitor, or any hydraulic equipment on the property?	YES	<u>NO</u>	YES	NO	YES	NO
17b.	Are there any records indicating the presence of PCBs?	YES	<u>NO</u>	YES	NO	YES	NO

Facility Site Plan (Note Photos):



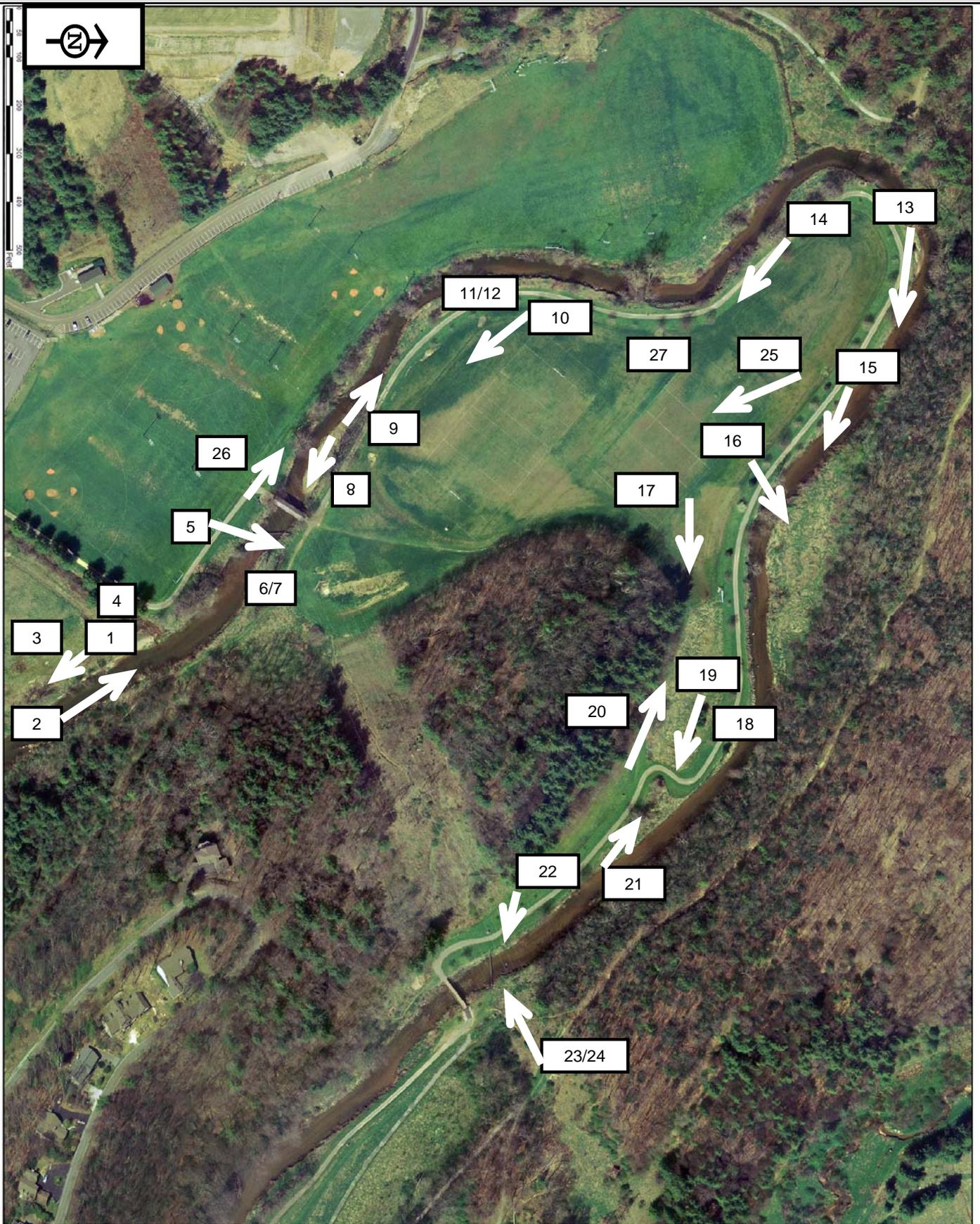
Comments / Observations (Identify Question Number):

- 30" SANITARY SEWER LINE: CROSSES THE NEW RIVER @ TWO PLACES ON THE PROPERTY. (ABOVE GROUND)
- SPORT FIELDS ON EITHER SIDE OF THE RIVER IN PROJECT AREA.
- AREA LIES IN VALLEY, ON HILL TO S ARE RESIDENTIAL PROPERTIES. ON HILL TO SW NOTHING WAS NOTED.
- USE TO BE A SENIOR RESIDENTIAL AREA (HOMES, ASSISTED LIVING) DOWNSTREAM FROM PROJECT.

Attach Support Documents if Necessary

**APPENDIX F**  
**Site Visit Photographs**

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U. S. ARMY CORPS OF ENGINEERS  
HUNTINGTON DISTRICT  
ENVIRONMENTAL & REMEDIATION  
SECTION

Index – Site Visit Photo Locations  
Boone, NC Section 206 Aquatic Ecosystem  
Restoration Project  
Preliminary Assessment

# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H1

Direction:  
Southeast

Comments:  
View of sewer  
line on South  
Side of South  
Fork of the New  
River.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H2

Direction:  
Northwest

Comments:  
View of South  
Fork of the New  
River from South  
Side of River.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H3

Direction:  
N/A

Comments:  
View of cable and gravel pile located in area south of the South Fork of the New River.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H4

Direction:  
N/A

Comments:  
View where sewer line crosses small tributary of South Fork of the New River.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H5

Direction:  
North

Comments:  
View of 30"  
main sewer line  
crossing the  
South Fork of  
the New River.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H6

Direction:  
West

Comments:  
View of  
groundwater  
monitoring well  
located east of  
covered bridge.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H7

Direction:  
N/A

Comments:  
Placard located  
on groundwater  
monitoring well.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H8

Direction:  
Southeast

Comments:  
General view of a  
covered bridge  
crossing the South  
Fork of the New  
River.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H9

Direction:  
Northeast

Comments:  
General view of  
the South Fork  
of the New River  
in the proposed  
project area.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H10

Direction:  
Southeast

Comments:  
General view of  
the Greenway  
Pedestrian and  
Biking Trail  
located adjacent to  
the proposed  
project area.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H11

Direction:  
West

Comments:  
View of second  
groundwater  
monitoring well  
noted in  
proposed project  
area.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H12

Direction:  
Southwest

Comments:  
View of second  
groundwater  
monitoring well  
noted in proposed  
project area.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H13

Direction:  
South

Comments:  
General view of  
the South Fork  
of the New River  
in the proposed  
project area.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H14

Direction:  
Southeast

Comments:  
General view of  
the Greenway  
Pedestrian and  
Biking Trail  
located adjacent to  
the proposed  
project area.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H15

Direction:  
Southeast

Comments:  
General view of  
northern reach of  
South Fork of  
New River.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H16

Direction:  
East

Comments:  
General view of  
northern portion  
of proposed  
project location.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H17

Direction:  
South

Comments:  
View of main  
sewer line  
manholes  
running through  
proposed project  
location.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H18

Direction:  
N/A

Comments:  
Stone fill placed  
on streambank.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H19

Direction:  
Southeast

Comments:  
General view of  
the northern  
portion of the  
Greenway  
Pedestrian and  
Biking Trail  
located within  
the proposed  
project location.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H20

Direction:  
Northwest

Comments:  
General view of  
wetland area  
within proposed  
project area.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H21

Direction:  
Northwest

Comments:  
General view of  
wetland area and  
river in the  
northeastern  
portion of the  
proposed project  
location.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H22

Direction:  
Southeast

Comments:  
View of 30" main  
sewer line cross in  
the South Fork of  
the New River in  
the northeast  
section of the  
proposed project  
area.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H23

Direction:  
Northeast

Comments:  
View of 30" main sewer line cross in the South Fork of the New River in the northeast section of the proposed project area.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H24

Direction:  
West

Comments:  
View of sewer line manhole, main sewer line and power line located within the proposed project location.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H25

Direction:  
Southwest

Comments:  
General view of  
the recreation  
fields within the  
proposed project  
location.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H26

Direction:  
Northwest

Comments:  
General view of  
southern portion  
of proposed  
project location.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H25

Direction:  
Southwest

Comments:  
General view of  
the recreation  
fields within the  
proposed project  
location.

Date: February  
19, 2008



Photographer:  
Nick McHenry

Photo Number:  
H26

Direction:  
Northwest

Comments:  
General view of  
southern portion  
of proposed  
project location.

Date: February  
19, 2008



# PROPERTY VISIT PHOTOGRAPHS

Boone, North Carolina Section 206 Streambank Restoration Project

US Army Corps of Engineers, Huntington District, Environmental and Remediation Section

Photographer:  
Nick McHenry

Photo Number:  
H27

Direction:  
Northwest

Comments:  
View of drainage  
pipe located in the  
northwest corner  
of the recreation  
fields within the  
proposed project  
area.

Date: February  
19, 2008



**APPENDIX G**  
**Agency Records**

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State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Solid Waste Management



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
William L. Meyer, Director

MEMORANDUM

April 23, 1996

TO: Mike Kelly, Deputy Director  
Division of Solid Waste Management

THROUGH: Bruce Nicholson, Head, Special Remediation Branch *BN*

FROM: S. Franch, Environmental Chemist, *S.F.*  
Superfund Section

SUBJECT: Town of Boone, (Watauga County) Community Development Block Grant  
Anne Marie Drive, Trivette Subdivision, Phase 2 Flood Mitigation Project

I have completed the review of the attached information on the subject project for the proximity to CERCLIS or inactive hazardous waste sites. The subject block grant intends to fund housing relocation/demolition, the removal of water and sewer lines, and the removal of roads in the flood-prone section of Anne Marie Drive in the Trivette Subdivision. No CERCLIS sites are located in the project vicinity within a five-mile radius. One inactive hazardous waste site is located four miles south of the project vicinity. This site is described below and is denoted on the attached map.

The Vermont American Corporation Site (SIS 950 000 579) is located 4 miles south of the block grant project. It is 2.5 miles northeast of Blowing Rock center. The site was a burial area for three empty tanks and one containing 200 gallons of chrome plating solution containing cyanide. The cyanide contaminated soil, caused from some spillage of this solution, resulted in maximum soil concentrations of 8 parts per million with no groundwater contamination. The tanks had been buried from 1972 to 1986. The solution, tanks and some soil have been removed and taken off-site for proper disposal. The Inactive Hazardous Waste Sites Branch has taken no action against this site since 1987.

After reviewing the file information, I believe it is unlikely that the project will affect the site or vice versa. If you have any questions, please call me at ext. 314.

Attachments  
cc: Bruce Nicholson

State of North Carolina  
 Department of Environment,  
 Health and Natural Resources  
 Division of Solid Waste Management



James B. Hunt, Jr., Governor  
 Jonathan B. Howes, Secretary  
 William L. Meyer, Director

March 27, 1996

MEMORANDUM

TO: Mike Kelly, Deputy Director  
 Division of Solid Waste Management

THROUGH: Bruce Nicholson, Head, Special Remediation Branch *BN*

FROM: S. Franch, Environmental Chemist, *S. Franch*  
 Superfund Section

SUBJECT: Town of Boone, (Watauga County) Community Development Block Grant  
 Trivette Subdivision Flood Mitigation Project

I have completed the review of the attached information on the subject project for the proximity to CERCLIS or inactive hazardous waste sites. The subject block grant intends to fund housing relocation/demolition, the removal of water and sewer lines, and the removal of roads in the flood-prone section of the Trivette Subdivision. No CERCLIS sites are located in the project vicinity within a five-mile radius. One inactive hazardous waste site is located four miles south of the project vicinity. This site is described below and is denoted on the attached map.

The Vermont American Corporation Site (SIS 950 000 579) is located 4 miles south of the block grant project. It is 2.5 miles northeast of Blowing Rock center. The site was a burial area for three empty tanks and one containing 200 gallons of chrome plating solution containing cyanide. The cyanide contaminated soil, caused from some spillage of this solution, resulted in maximum soil concentrations of 8 parts per million with no groundwater contamination. The tanks had been buried from 1972 to 1986. The solution, tanks and some soil have been removed and taken off-site for proper disposal. The Inactive Hazardous Waste Sites Branch has taken no action against this site since 1987.

After reviewing the file information, I believe it is unlikely that the project will affect the site or vice versa. If you have any questions, please call me at 919-733-2801 ext. 314.

Attachments

cc: Bruce Nicholson

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Solid Waste Management



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
William L. Meyer, Director

April 22, 1996

MEMORANDUM

TO: Michael Kelly, Deputy Director  
Division of Solid Waste Management

FROM: Philip J. Prete, Head   
Field Operations Branch

Subject: Town of Boone, Watauga County  
CDBG - Environmental Impact Study

The Solid Waste Section has reviewed the attached project proposal and has seen no adverse impact on the surrounding community and likewise knows of no situations in the community which would affect the project.

The Town of Boone should make every feasible effort to minimize the amount of waste generated in this project. Materials should be segregated and re-used or recycled where feasible. Those materials that are not recycled must be disposed of at a properly permitted disposal facility. Questions should be directed to Mr. Hugh Jernigan, Waste Management Specialist, Solid Waste Section, Winston-Salem Regional Office, at (910) 771-4608 extension 206.

PJP/lcf

cc: Hugh Jernigan

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Solid Waste Management



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
William L. Meyer, Director

April 10, 1996

MEMORANDUM

**TO:** Velma Burnley, Mayor  
Town of Boone  
P.O. Drawer 192  
Boone, NC 28607

**FROM:** Michael A. Kelly *M.A.K.*  
Deputy Director

**SUBJECT:** Watauga County  
Town of Boone, Flood Mitigation Project in Trivette  
Subdivision

The Solid Waste Management Division has reviewed and commented on the above-referenced project. Please find enclosed separate comments from the Hazardous Waste Section, Solid Waste Section and Superfund Section.

Should you have additional questions, please feel free to contact our office.

MK:dt

Enclosures

cc: Jimmy Carter  
Phil Prete  
Jack Butler

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Winston-Salem Regional Office



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
Leesha Fuller, Regional Manager

May 1, 1996

TO: Michael A. Kelly - Deputy Director  
Division of Solid Waste Management

FROM: Steve Phibbs, Waste Management Specialist  
Winston-Salem Regional Office

RE: Request for Community Development Block Grant-  
Phase 2 at Anne Marie Drive, for the Town of  
Boone, N.C., Watagua County

On April 29, 1996 I conducted an investigation at Anne Marie Drive located in Boone, N.C. in connection with a Community Development Block Grant, Phase 2. This is a flood mitigation project in the Trivette Subdivision.

My investigation revealed that no hazardous waste generators, transporters, treatment, storage or disposal facilities are located along Anne Marie Drive. There were no obvious areas of disposal and no known Superfund sites in the area. My only concern as the project progresses would be the proper removal of any underground storage tanks, water supply line and/or natural gas lines. Also any remaining chemicals used by individual home owners should be considered household hazardous wastes and should be disposed of according to federal and state regulations.

In conclusion, this project should pose no immediate problems for hazardous waste management in the area.

cc:Keith Masters  
Greg Young  
Jim Byrne

JAN -15 9/(WCU) 10:14  
81/14/1997 16:42NC-MITIGATION  
4848534448122:120703  
FEMA R4 MT COMM PROGP. 006  
PAGE 82

## Federal Emergency Management Agency

Region IV  
1371 Peachtree Street, NE, Suite 700  
Atlanta, GA 30309

R4-MT

October 16, 1996

### MEMORANDUM FOR THE RECORD

**SUBJECT:** Categorical Exclusion of Property Acquisition and Back-flow Valve Installation in the Town of Boone, Watauga County, North Carolina, Hazard Mitigation Grant Program (HMGP) Project Numbers HMGP-1073-0001 and HMGP-844-0011\*

This Memorandum for the Record documents the categorical exclusion of the referenced HMGP projects from preparation of an Environmental Assessment or Environmental Impact Statement as required by the National Environmental Policy Act (NEPA), 42 U.S.C. 4321, et seq.

The project includes acquisition of 17 floodway properties (15 residences and 2 vacant lots) on Elizabeth Drive along the New River in the Town of Boone. This project will reduce the risk of loss of life and property from flooding. The properties to be acquired have been flooded on 13 documented occasions since 1977 (Grant application, page 2, March 25, 1996). Additionally, the Preliminary Flood Study for Watauga County, North Carolina (FEMA, August 30, 1995) indicates that most of the structures to be acquired are about 12 feet below the base flood elevation where they are located. The acquired structures will be permanently removed from the floodplain. Restrictive covenants will be executed for each property requiring that the property remain in public ownership and be used only as open-space in perpetuity.

The project also includes installation of a storm sewer back-flow valve into an existing storm sewer to protect the residential properties along Elizabeth Drive that are not to be acquired. The storm sewer is in a developed area with substantially completed infrastructure. The storm sewer improvement will neither affect flood levels downstream nor exceed the capacity of the storm sewer (Town of Boone letter, October 2, 1996).

The project is the first phase of the local government's three phase effort to reduce flooding in the Elizabeth Drive and Ann Marie Drive area of Boone. Phases II and III are still in the preliminary planning stage. Activities under these phases will include the most -

\* This single project has two project numbers because funds will be used from two open disasters.

68K-13 Y1 (WLU) LU:14  
01/14/1997 15:42

NY-R111041104  
4848534448

LEA-7100700  
FEMA R4 NT COMM PROG

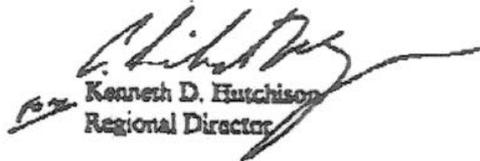
1.000  
PAGE 03

-2-

appropriate flood protection methods for the remaining residential structures, and acquisition or relocation of a health care facility for the elderly (Grant application, p. 1, March 25, 1996). Because the Phase II and III activities are still in preliminary planning and would probably be categorically excluded from preparation of an Environmental Assessment or Environmental Impact Statement, they do not affect eligibility of the current project for categorical exclusion from further environmental review.

This project will have minimal or no adverse environmental impacts. The project will not adversely affect soils, hydrology, wetlands, vegetation, wildlife, or historic and archaeological resources. No significant historic resources have been identified in the project area (State Historic Preservation Officer letter, April 4, 1996). The project complies with Executive Orders 11988 for floodplain management and 11990 for wetlands protection. Removal of 15 structures from the floodplain will partially restore original floodplain hydrology and hydraulics. The project will have no disproportionate adverse effect on any minority or low income population as required by Executive Order 12896.

The acquisition and demolition activities in this project are eligible for the categorical exclusion in 44 CFR § 10.8(d)(2)(vii). The installation of a storm sewer back-flow valve in an existing storm sewer is eligible for categorical exclusion in 44 CFR § 10.8(d)(2)(xvi). No extraordinary circumstances in 44 CFR 10.8(d)(3) have been identified. Therefore, in accordance with 44 CFR 10.8(c)(2), this action is categorically excluded from preparation of an Environmental Assessment or Environmental Impact Statement.

  
Kenneth D. Hutchison  
Regional Director

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Environmental Management



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
A. Preston Howard, Jr., P.E., Director

AIR QUALITY SECTION  
April 23, 1996

Jim Byrne  
Housing Director  
Town of Boone  
P.O. Drawer 192  
Boone, North Carolina 28607

Subject: Regulatory Applicability for Community Development Block Grant (CDBG)  
Application  
Phases I and II  
Town of Boone  
Watauga County, North Carolina

Dear Mr. Byrne:

Reference is made to your letter received April 15, 1996 regarding the Watauga County CDBG project. An air permit will not be required for the housing project described. Compliance with all air regulations (40 CFR and Clean Air Act) is indicated. However, please note that the contractors should take care to comply with open burning provisions during land clearing. Adequate wetting, reseeding and covering of disturbed areas should be utilized during earth moving operations to mitigate any adverse impacts from fugitive dust emissions.

Should you require further information in this regard, please contact Lesley Biiler, E.I.T., at (919) 715-6239.

Sincerely,

*Alan Klimek*  
Alan Klimek, Chief  
Air Permits Branch



State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Environmental Management



James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
A. Preston Howard, Jr., P.E., Director

AIR QUALITY SECTION  
March 26, 1996

Velma Burnley  
Mayor  
Town of Boone  
P.O. Drawer 192  
Boone, North Carolina 28607

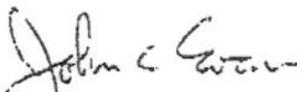
Subject: Regulatory Applicability for Community Development Block Grant (CDBG)  
Application  
Trivette Subdivision  
Town of Boone  
Watauga County, North Carolina

Dear Ms. Burnley:

Reference is made to your letter received March 19, 1996 regarding the Watauga County CDBG project. An air permit will not be required for the housing project described. Compliance with all air regulations (40 CFR and Clean Air Act) is indicated. However, please note that the contractors should take care to comply with open burning provisions during land clearing. Adequate wetting, reseeding and covering of disturbed areas should be utilized during earth moving operations to mitigate any adverse impacts from fugitive dust emissions.

Should you require further information in this regard, please contact Lesley Biller, E.I.T., at (919) 715-6239.

Sincerely,

  
Alan Klimek, Chief  
Air Permits Branch

