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ASHEVILLE REGIONAL OFFICE

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July 15, 2015

Permit No.	Scan Date	DIN
Duke/Dan River	July 20, 2015	24743

North Carolina Department of Environment and Natural Resources
Asheville Regional Office – Solid Waste Section
2090 US Highway 70
Swannanoa, North Carolina 28778

Attention: Mr. Larry Frost, Regional Engineer

**Subject: Site Suitability Study and Hydrogeologic Study
Proposed Dan River Landfill**
Duke Energy – Dan River Steam Station
Eden, North Carolina

Dear Mr. Frost:

Duke Energy is pleased to provide this Site Suitability Study and Hydrogeologic Study for review by the North Carolina Department of Environment and Natural Resources (NCDENR) Solid Waste Section (SWS).

The Site Suitability Study is submitted as one volume and addresses siting requirements required by the North Carolina Administrative Code (NCAC) 15A NCAC 13B .0503(1) and .0504(1). The Hydrogeologic Study is submitted as two volumes and addresses information required by 15A NCAC 13B .0504(1)(c).

The Site Suitability Study and Hydrogeologic Study are being submitted in parallel with on-going activities including collection of monthly water level collection and development of boring and well records performed by others. The additional information including the estimated seasonal high groundwater table will be provided as a revision to these reports at a later date. The Water Quality Monitoring Plan will be submitted with the Construction Plan Application at a later date.

Please contact us at your convenience with questions.

Respectfully submitted,

Garry Miller
Sr. Vice President

Attachments enclosed

July 15, 2015



Duke Energy
526 South Church Street
Charlotte, North Carolina 28202

Attention: Mr. Henry Taylor, P.E.

**Subject: Site Suitability Study and Hydrogeologic Study
Proposed Dan River Landfill**
Duke Energy – Dan River Steam Station
Eden, North Carolina
Amec Foster Wheeler Project No. 7810140065

Dear Mr. Taylor:

Amec Foster Wheeler is pleased to provide this Site Suitability Study and Hydrogeologic Study to Duke Energy (Duke) for the proposed Dan River Landfill at Duke's Dan River Steam Station. We understand that Duke will submit these documents to the North Carolina Department of Environment and Natural Resources (NCDENR) Solid Waste Section (SWS).

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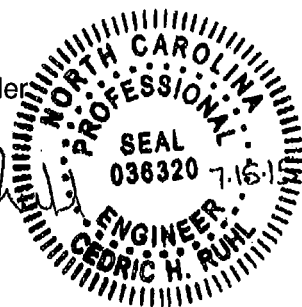
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Amec Foster Wheeler appreciates the opportunity to provide these reports to Duke. Please contact us at your convenience with questions.

Sincerely,

Amec Foster Wheeler

Cedric H. Ruhl
Senior Engineer



Courtney Murphy
Senior Geologist



Site Suitability Study

Dan River Landfill

Duke Energy – Dan River Steam Station

Eden, North Carolina

Amec Foster Wheeler Project No. 7810140065



To: Duke Energy Carolinas, LLC

Date: July 15, 2015

From: Amec Foster Wheeler

July 15, 2015



Duke Energy
526 South Church Street
Charlotte, North Carolina 28202

Attention: Mr. Henry Taylor, P.E.

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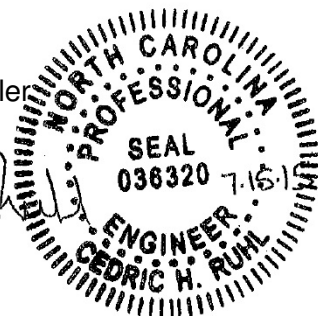
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Sincerely,

Amec Foster Wheeler

Handwritten signature of Cedric H. Ruhl in black ink.

Cedric H. Ruhl
Senior Engineer



Courtney Murphy
Senior Geologist



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1 Introduction

The purpose of this report is to document compliance with siting criteria for the proposed Dan River Landfill at Duke Energy’s Dan River Steam Station in Eden, Rockingham County, North Carolina. The landfill siting criteria are required by the North Carolina Administrative Code (NCAC) 15A NCAC 13B .0503 and .0504.

1.1 Project Description

Duke Energy intends to construct a landfill on Dan River Steam Station property to store existing coal combustion residuals (CCRs) currently located in four units on site. The units consist of the Primary Ash Basin, Secondary Ash Basin, and two unlined ash structural fills (Ash Fills 1 and 2). Electricity production from coal combustion ceased on April 1, 2012 and the coal-fired plant is currently undergoing decommissioning; therefore, no new CCRs are currently being generated at Dan River Steam Station. A combined cycle plant on station property currently produces electricity from natural gas.

The proposed landfill will be constructed to enable transfer of ash from existing on-site ash basins to a lined facility by August 1, 2019 as required by the North Carolina Coal Ash Management Act of 2014. Duke Energy also intends to remove some of the on-site ash by rail to the existing Maplewood Landfill in Jetersville, Virginia. Discussion of the rail haul is beyond the scope of this study other than describing impacts to required landfill capacity.

1.2 Site Description

1.2.1 Site Location

The Dan River Steam Station is located at 900 South Edgewood Road in Eden, Rockingham County, North Carolina as shown on Drawing 1. The proposed landfill will be located largely within the footprint of existing Ash Fill 1 on the northeastern end of the property. The ash within Ash Fill 1 will be removed prior to construction of the proposed landfill. The proposed landfill will be bounded by existing overhead electrical lines to the west and north, rail lines to the east, and a natural gas pipeline to the south.

The proposed landfill footprint is currently vegetated with grass in the vicinity of Ash Fill 1 and wooded in areas north of Ash Fill 1 as shown on Drawing 2. The majority of the site drains to an area between Ash Fills 1 and 2 which discharges into the Secondary Ash Basin and ultimately into the Dan River. A portion of the northern and eastern areas of the proposed landfill drains to an existing stream east of the station property which discharges into the Dan River.

1.2.2 Site Geologic Setting

North Carolina is divided into distinct regions which are portions of three physiographic provinces: the Atlantic Coastal Plain, Piedmont, and Blue Ridge (Fenneman, 1938).



Generalized map of North Carolina, showing major geologic regions and the locations of Triassic basins and sub-basins (Reid and Milici, 2008)

The Dan River Steam Station is located within the Piedmont Province. The Piedmont is bounded to the east and southeast by the Atlantic Coastal Plain and to the west by the escarpment of the Blue Ridge Mountains, having a width of 150 to 225 miles (LeGrand, 2004). The topography of the Piedmont region is characterized by low, rounded hills and long, rolling, northeast-southwest trending ridges (Heath, 1984). Stream valley to ridge relief in most areas can range from 75 to 200 feet. The Piedmont region rises from an elevation of 300 feet above mean sea level along the Coastal Plain boundary, to an elevation of 1,500 feet at the base of the Blue Ridge Mountains (LeGrand, 2004).

Located within the Piedmont Province are two exposed rift basins that form two subparallel belts striking north-easterly, mainly across North Carolina (Olsen Et al., 1991). The eastern belt includes the broad Deep River basin and two small outliers, the Ellerbe basin in North Carolina and the Crowburg basin in South Carolina. The western belt includes the narrow Dan River basin and a small southerly outlier, the Davie County basin. The rift basins were formed approximately 220 million years ago during the Triassic Period as the supercontinent Pangea broke apart.

Sedimentation from runoff coming from the highlands deposited sand and silt and mud and created alluvial fans at the base of streams coming off the highlands. This deposition accumulated and formed the mudstones, siltstones, and sandstones found in the Dan River basin. Thayer (Thayer, 1970; cited in Olsen Et al., 1991) recognized a three-part stratigraphy for the Dan River basin, dividing the rocks of the Dan River Group (in ascending stratigraphic order) into the Pine Hall Formation, the Cow Branch Formation, and the Stoneville Formation. In general, Triassic basins display an overall tripartite stratigraphy consisting of a lower sequence of mainly reddish-brown, arkosic, coarse-grained sandstone and conglomerate, a middle sequence of mostly gray to black fossiliferous siltstone, carbonaceous shale, and thin coal beds, and an upper sequence of mainly reddish-brown siltstone, arkosic sandstone, pebbly sandstone, minor red and gray mudstone, and conglomerate.

1.2.3 Site Hydrogeologic Setting

The groundwater system within the Piedmont region should be viewed as a two-unit system. The first unit, the regolith (encompassing residuum, saprolite, and weathered rock), contains and transports water through primary pore spaces in the soil and between rock particles. The second unit, the bedrock, has very limited pore spaces. Instead, water flows through and is stored in secondary conduits. These secondary conduits are sheet-like openings formed along rock fractures (Heath, 1980). A transition zone between the saprolite and bedrock is also common within the regolith of the Piedmont region. This transition zone will typically consist of partially weathered rock of the parent bedrock (Daniel and Dahlen, 2002).

Depending on the parent material and degree of weathering, the regolith can range in porosity between 20 and 30 percent, while the bedrock porosity is only 0.01 to 2 percent (Heath, 1984). Thus, the regolith serves as the principal storage reservoir for the underlying bedrock during recharge events (LeGrand, 2004). Hydraulic conductivities are similar in both the regolith and fractured bedrock and can range from 0.004 to 3.5 feet per day¹ (Heath, 1984). Fracture intensity, orientation, and aperture will dictate the hydraulic conductivity of the underlying bedrock.

Conceptually, the groundwater system in the Piedmont region is one in which the saprolite acts as a groundwater storage unit and bedrock functions as the main supply or transport unit and each unit functions are distinctly separate. Whereas Coastal Plain units typically serve as both, the regolith serves as a storage reservoir due to its high porosity and low yield, while the fractured bedrock serves as the main groundwater transport unit due to its low porosity and high yield. (Heath, 1984).

Groundwater will flow in the direction of high to low hydraulic head. Given that the topography of the Piedmont is predominantly composed of rounded hills and valleys, the water table closely mimics the land surface with less relief (LeGrand, 1988). Thus, topographic divides also serve as groundwater divides, with groundwater continuously flowing from ridge to valley, and, ultimately discharging at the nearest

¹ Equivalent to approximately 1.4×10^{-6} to 1.2×10^{-3} centimeters per second (cm/s).

perennial stream. Locally, regolith and bedrock conditions and topography directly influence the hydraulic parameters of the groundwater system. Flow rates can differ from basin to basin by orders of several magnitudes (LeGrand, 2004). Additionally, Triassic Units in North Carolina often contain dikes and sills. These structural features weather differently and have been known to control groundwater flow horizontally and vertically at sites.

1.3 Proposed Landfill Description

The proposed Dan River Landfill will be located on Dan River Steam Station property. CCR materials will be excavated from existing on-site storage units, transported to the landfill, and placed within the landfill. It is anticipated that off-road trucks will be used to transport the CCR material, and typical grading equipment (backhoes, bulldozers, and rollers) will be used for excavation of CCR material and placement in the landfill.

1.3.1 Type, Quantity, and Source of Waste

Materials placed within the landfill will consist predominantly of bottom ash and fly ash which were generated at Dan River Steam Station and are currently stored within the on-site ash basins and ash fills. The landfill may be permitted for other wastes generated by Duke Energy. The additional waste streams may consist of waste soils (i.e. from ash removal activities or soil that has contacted petroleum), and/or small quantities of construction and demolition debris such as from ash basin decommissioning activities. The landfill will be located on Dan River Steam Station property for use by Duke Energy and will not be open for public disposal.

A portion of the CCRs will be removed from the site by rail and disposed in an existing permitted landfill facility in Jetersville, Virginia. Rail removal of CCRs will begin with materials from the ash fills as reflected in the following table, but may also include materials from the ash basins. The anticipated types and quantity of CCRs for disposal in the proposed Dan River Landfill is summarized in the following table:

Material Description	Volume of CCRs On-Site (cy)	Volume of CCRs to be Removed by Rail (cy)	Volume of CCRs Disposed in Proposed Dan River Landfill (cy)	Estimated Dry Unit Weight (tons/cy)	Quantity of CCRs Disposed in Proposed Dan River Landfill (tons)
Ash Basin CCRs	1,140,000	0	1,140,000	0.8	912,000
Ash Fill CCRs	1,340,000	1,000,000	340,000	1.0	340,000
TOTALS	2,480,000	1,000,000	1,480,000	---	1,252,000

1.3.2 Landfill Capacity

A conceptual landfill cover system grading plan is shown in Drawing 3, depicting the maximum anticipated landfill extents. The final landfill footprint may be smaller pending final design. The landfill capacity for the configuration shown in Drawing 3 was estimated by comparing the conceptual landfill cover system grades with the conceptual bottom of ash grades, corresponding to the top of protective cover for the landfill liner system. The anticipated capacity of the proposed Dan River Landfill is summarized in the following table:

Table 2: Estimated Landfill Capacity			
Gross Landfill Capacity¹ (cy)	Limit of Waste Footprint (acres)	Quantity of Cover Soils² (cy)	Net Landfill Capacity (cy)
2,550,000	26.4	130,000	2,420,000

Notes

1. Gross landfill capacity was estimated by comparing the top of protective cover grades to the final cover grades, rounded to the nearest 10,000 cy
2. Assumed to be three feet over the limit of waste footprint (one foot of intermediate cover and two feet of final cover), rounded to the nearest 10,000 cy
3. Represents airspace available for waste placement, rounded to the nearest 10,000 cy

The proposed landfill will be operated to enable transfer of ash from existing on-site ash basins to a lined facility by August 1, 2019 as required by the North Carolina Coal Ash Management Act of 2014. Upon closure of existing on-site CCR units, the landfill may remain active for the benefit of Duke Energy until the entire landfill waste capacity is realized.

2 Siting Requirements - .0503(1)

Industrial landfill siting requirements are described in the North Carolina Administrative Code 15A NCAC 13B .0503(1). The following sections of this study cite the rule requirement and how it will be addressed for the proposed Dan River Landfill.

2.1 Floodplains - .0503(1)(a)

NCAC Chapter 13B .0503(1)(a) states that:

“A site located in a floodplain shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain or result in a washout of solid waste so as to pose a hazard to human life, wildlife or land or water resources.”

The location of the proposed landfill with respect to the 100-year flood is shown on Drawing 4. No activities for the construction of the proposed landfill will infringe upon the 100-year floodplain.

2.2 Endangered or Threatened Species - .0503(1)(b)(i) and (ii)

NCAC Chapter 13B .0503(1)(b)(i) states that:

“A site shall not cause or contribute to the taking of any endangered or threatened species of plants, fish or wildlife”

NCAC Chapter 13B .0503(1)(b)(ii) states that:

“A site shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 C.F.R. Part 17 which is hereby incorporated by reference including any subsequent amendments and editions.”

A site evaluation performed by Amec Foster Wheeler did not identify the presence of endangered or threatened fish, wildlife, plants or critical habitat of threatened or endangered species.

Additionally, agency scoping letters were submitted to the United States Fish and Wildlife Service (USFWS) and North Carolina Wildlife Resources Commission (NCWRC). The agency letters and their responses are included in Appendices I through IV.

The USFWS responded in a letter dated May 15, 2015. According to the USFWS:

“Based on the information provided and other information available, it appears that the proposed action is not likely to adversely affect any federally-listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Act at these sites.”

The NCWRC responded in a letter dated June 5, 2015. The NCWRC listed ten general comments and recommendations, summarized as follows (refer to Appendix IV for the complete letter):

1. Stream/wetland impacts should be coordinated with the U.S. Army Corps of Engineers (USACE) and North Carolina Division of Water Resources (DWR).
2. Avoid or minimize impacts to wetlands.
3. Use natural channel design methods if any streams will be relocated.
4. Maintain a 200-foot buffer along perennial streams and a 100-foot buffer along intermittent streams and wetlands.
5. Avoid construction or fill in the 100-year floodplain.
6. Design of stormwater management structures should mimic the hydrograph consistent with an impervious coverage of less than 6 percent.
7. Where feasible, use bridges for permanent roadway crossings of streams.
8. Where feasible, stockpile top soils for final site reclamation.
9. Sediment and erosion control measures should be installed prior to land clearing.
10. Measures should be used to prevent the release of leachate.

Any new stream or wetland impacts or crossings will be coordinated with the USACE and NCDENR-DWR (Items 1, 2, 3, and 7).

Survey of stream and wetland extents as confirmed by the USACE is in progress. The proposed landfill will maintain a 50-foot buffer between streams and disposal areas as required by 15A NCAC 13B .0503(2)(f)(iii).

Landfill construction will not require cut or fill activities within the 100-year floodplain (Item 5). The landfill will be vegetated upon completion of closure activities and haul roads will be aggregate; therefore, the amount of impervious area required for the landfill is anticipated to be minimal. Stormwater management features are being designed to manage runoff from the 50-year design storm, which is in excess of the 25-year design storm required for MSW landfills (15A NCAC 13B .1624(b)(15) (Item 6).

Duke intends to stockpile existing topsoil within portions of the landfill footprint for future re-use (Item 8). An Erosion and Sediment Control (E&SC) Permit will be obtained prior to landfill construction (Item 9). Landfill construction will include a liner system incorporating two geomembranes, a cover system incorporating a geomembrane, and a leachate collection and removal system (LCRS) incorporating HDPE piping, which are designed to prevent the release of leachate. A Water Quality Monitoring Plan will be utilized to demonstrate groundwater conditions (Item 10).

2.3 Archaeological Sites - .0503(1)(b)(iii)

NCAC Chapter 13B .0503(1)(b)(iii) states that:

“A site shall not damage or destroy an archaeological or historical site.”

The proposed landfill footprint will be located within areas that were previously disturbed. Most of the footprint is located within the existing Ash Fill 1 footprint. Additionally, there is evidence of historical ground disturbance north of existing Ash Fill 1, possibly to support construction of the power line easement and sewer force main that are located along the northern edge of the property.

Additionally, an agency scoping letter was submitted to the North Carolina State Historic Preservation Office (SHPO). The agency letter and response are included in Appendices V and VI.

The SHPO responded in a letter dated May 5, 2015. According to the SHPO:

“We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.”

2.4 State Lands - .0503(1)(b)(iv)

NCAC Chapter 13B .0503(1)(b)(iv) states that:

“A site shall not cause an adverse impact on a state park, recreation or scenic area, or any other lands included in the state nature and historic preserve.”

The proposed landfill will not adversely impact a state park, recreation or scenic area, or state nature or historic preserve.

Additionally, an agency scoping letter was submitted to the North Carolina Natural Heritage Program (NCNHP). The agency letter and response are included in Appendices VII and VIII.

The NCNHP responded in a letter dated April 17, 2015. According to the NCNHP:

“The NCNHP database does not show records for rare species, important natural communities, natural areas, or conservation/managed areas within the proposed project area as depicted in the maps submitted with your request for information.”

2.5 Proximity to Airports - .0503(1)(c)

NCAC Chapter 13B .0503(1)(c) states that:

“A new site disposing of putrescible wastes shall not be located within 10,000 feet of an airport runway used by turbojet aircraft or within 5,000 feet of an airport runway used by piston-type aircraft.”

The proposed landfill will not receive putrescible wastes.

2.6 Soil Supply and Demand - .0503(1)(d)

NCAC Chapter 13B .0503(1)(d) states that:

“A site shall have available adequate suitable soils for cover either on-site or from off-site.”

Adequate suitable soils for landfill construction, operations, and closure are anticipated to be available from on-site sources as shown in the Soil Life Cycle Calculation included in Appendix IX. As a contingency, Duke recently purchased an adjacent property which may provide additional borrow soils should the quantity or quality of on-site soils not meet the requirements for landfill construction, operations, or closure.

3 Application Requirements - .0504(1)

Industrial landfill siting application requirements are described in the North Carolina Administrative Code 15A NCAC 13B .0504(1). The following sections of this study cite the rule requirement and how it will be addressed for the proposed Dan River Landfill.

3.1 Local Characterization Study - .0504(1)(a)

NCAC Chapter 13B .0504(1)(a) states that:

“An aerial photograph on a scale of at least 1 inch equals 400 feet showing the area within one-fourth mile of the proposed site’s boundaries with the following specifically identified:

- (i) Entire property owned or leased by the person proposing the disposal site;*
- (ii) Land use and zoning;*
- (iii) Location of all homes, industrial buildings, public or private utilities, and roads;*
- (iv) Location of wells, watercourses, dry runs, and other applicable details regarding the general topography; and*
- (v) Floodplains.”*

Floodplains are shown on Drawing 4. The property boundary, land use and zoning, buildings, and water features are shown on Drawing 5.

3.2 Regional Characterization Study - .0504(1)(b)

NCAC Chapter 13B .0504(1)(b) states that:

“A map on a scale of at least 1 inch equals 1000 feet showing the area within two miles of the proposed site’s boundaries with the following specifically identified:

- (i) Known ground water users;*
- (ii) Potential or existing sources of ground water and surface water pollution;*
- (iii) Water intakes;*
- (iv) Airport and runways; and*
- (v) Subdivisions.”*

Items listed above that are located within two miles of the proposed Dan River Landfill are shown on Drawing 6.

3.3 Geologic and Hydrogeologic Study - .0504(1)(c)

NCAC Chapter 13B .0504(1)(c) states that:

“A geologic and hydrogeologic study of the site which provides:

- (i) Soil borings for which the numbers and depths have been confirmed by the Division and lab testing of selected soil samples that provide:
 - A Standard penetration resistance;*
 - B Particle size analysis;*
 - C Soil classification United Soil Classification System;*
 - D Geologic considerations (slopes, solution features, etc.)*
 - E Undisturbed representative geologic samples of the unconfined or confined or semiconfined hydrological units within a depth of 50 feet that provide the following information for each major lithologic units:
 - (I) Saturated hydraulic conductivity (or by in situ)*
 - (II) Volume percent water; and*
 - (III) Porosity***
- F Remolded samples of cover soil that provide:
 - (I) Saturated hydraulic conductivity;**

- (II) Total porosity;
- (III) Atterberg limits
- G Stratigraphic cross sections identifying hydrogeological units including lithology;
- H Tabulation of water table elevations at time of boring, 24 hours, and seven days (The number of cased borings to provide this information shall be confirmed by the Division); and
- I Boring logs
- (ii) A boundary plat locating soil borings with accurate horizontal and vertical control which are tied to a permanent onsite bench mark;
- (iii) A potentiometric map of the surficial aquifer based on stabilized water table elevations; and
- (iv) A report summarizing the geological and hydrological evaluation.

A Hydrogeologic Study addressing these requirements is provided under separate cover. A meeting at Dan River Steam Station was held on April 1, 2015 between Duke, Amec Foster Wheeler, and the North Carolina Department of Environment and Natural Resources (NCDENR) Solid Waste Section (SWS) to discuss the proposed Dan River Landfill and subsurface exploration approach. Duke provided the proposed subsurface exploration plan to NCDENR-SWS via email on April 8, 2015. NCDENR-SWS provided a letter dated April 21, 2015, documenting approval of the proposed subsurface exploration plan.

3.4 Conceptual Design Plan - .0504(1)(d)

NCAC Chapter 13B .0504(1)(d) states that:

“A conceptual design plan presenting special engineering features or considerations which must be included or maintained in site construction, operation, maintenance, and closure.”

A conceptual landfill cover system grading plan is shown in Drawing 3, depicting the maximum anticipated landfill extents. The final landfill footprint may be smaller pending final design. Special engineering features include engineered liner and cover systems, described as follows.

3.4.1 Engineered Liner System

The engineered liner system will consist of a double-liner system that complies with state and federal regulations. The proposed engineered liner system is consistent with the “composite liner utilizing two geomembranes” described in 15A NCAC 13B .1624(b)(1)(A)(iii). The liner system will also include a geosynthetic clay liner to satisfy the Environmental Protection Agency (EPA) Coal Combustion Residual (CCR) rules. Liner system components will consist of the following, from top to bottom:

- ▶ Two feet of protective cover;
- ▶ Leachate collection geocomposite drainage layer;
- ▶ Primary geomembrane;
- ▶ Leak detection geocomposite drainage layer;
- ▶ Secondary geomembrane;
- ▶ Geosynthetic clay liner with vertical flow rate less than or equal to that of two feet of soil at 1×10^{-7} cm/s; and
- ▶ One foot of compacted soil liner with vertical permeability less than or equal to 1×10^{-5} cm/s.

The protective cover material will protect the geosynthetic components of the liner system during landfill operations. A pipe and pumping system will remove water from the leachate collection and leak detection layers.

3.4.2 Engineered Cover System

The engineered cover system will be constructed at 3 horizontal to 1 vertical (3H:1V) side slopes, with a top area slope of approximately 8 percent but no less than 5 percent. Cover system components will consist of the following, from top to bottom:

- ▶ 0.5 feet of vegetative soil cover;
- ▶ 1.5 feet of final soil cover;
- ▶ Geocomposite drainage layer; and
- ▶ Geomembrane.

The soil components will provide a surface suitable to sustain vegetative growth while protecting the underlying geosynthetic components of the cover system. Infiltration through the cover soils will be collected by the geocomposite drainage layer, while the geomembrane will function as a hydraulic barrier to reduce infiltration into the waste mass.

3.5 Local Government Approval - .0504(1)(e)

NCAC Chapter 13B .0504(1)(e) states that:

“Local government approvals:

- (i) If the site is located within an incorporated city or town, or within the extraterritorial jurisdiction of an incorporated city or town, the approval of the governing board of the city or town shall be required. Otherwise, the approval of the Board of Commissioners of the county in which the site is located shall be required. Approval may be in the form of either a resolution or a vote on a motion. A copy of the resolution, or the minutes of the meeting where the vote was taken, shall be forwarded to the Division.*
- (ii) A letter from the unit of government having zoning jurisdiction over the site which states that the proposal meets all of the requirements of the local zoning ordinance, or that the site is not zoned.”*

The proposed Dan River Landfill is located within the City of Eden extraterritorial jurisdiction. Duke Energy is in the process of obtaining local government approval from the City of Eden. Local government approval letters will be provided as an amendment to this report when they are obtained. Appendix XI is reserved for local government approval letters.

3.6 Siting Standards - .0504(1)(f)

NCAC Chapter 13B .0504(1)(f) states that:

“A discussion of compliance with siting standards in Rule .0503(1) of this Subchapter.”

Compliance with siting requirements are described in Section 2 of this study.

3.7 Siting Report - .0504(1)(g)

NCAC Chapter 13B .0504(1)(g) states that:

“A report indicating the following:

- (i) Population and area to be served;*
- (ii) Type, quantity, and source of waste;*
- (iii) The equipment that will be used for operating the site;*
- (iv) A proposed groundwater monitoring plan including well location and schematics showing proposed screened interval, depth and construction;*
and

- (v) *A more detailed geologic report may be required depending on specifics of the site. This report may be based on physical evidence, initially, or due to information obtained from the site plan application.*

Requirements .0504(1)(g)(i) through (iii) are addressed in Section 1.3 of this study. A groundwater monitoring plan addressing requirement .0504(1)(g)(iv) will be submitted with the Construction Plan Application.

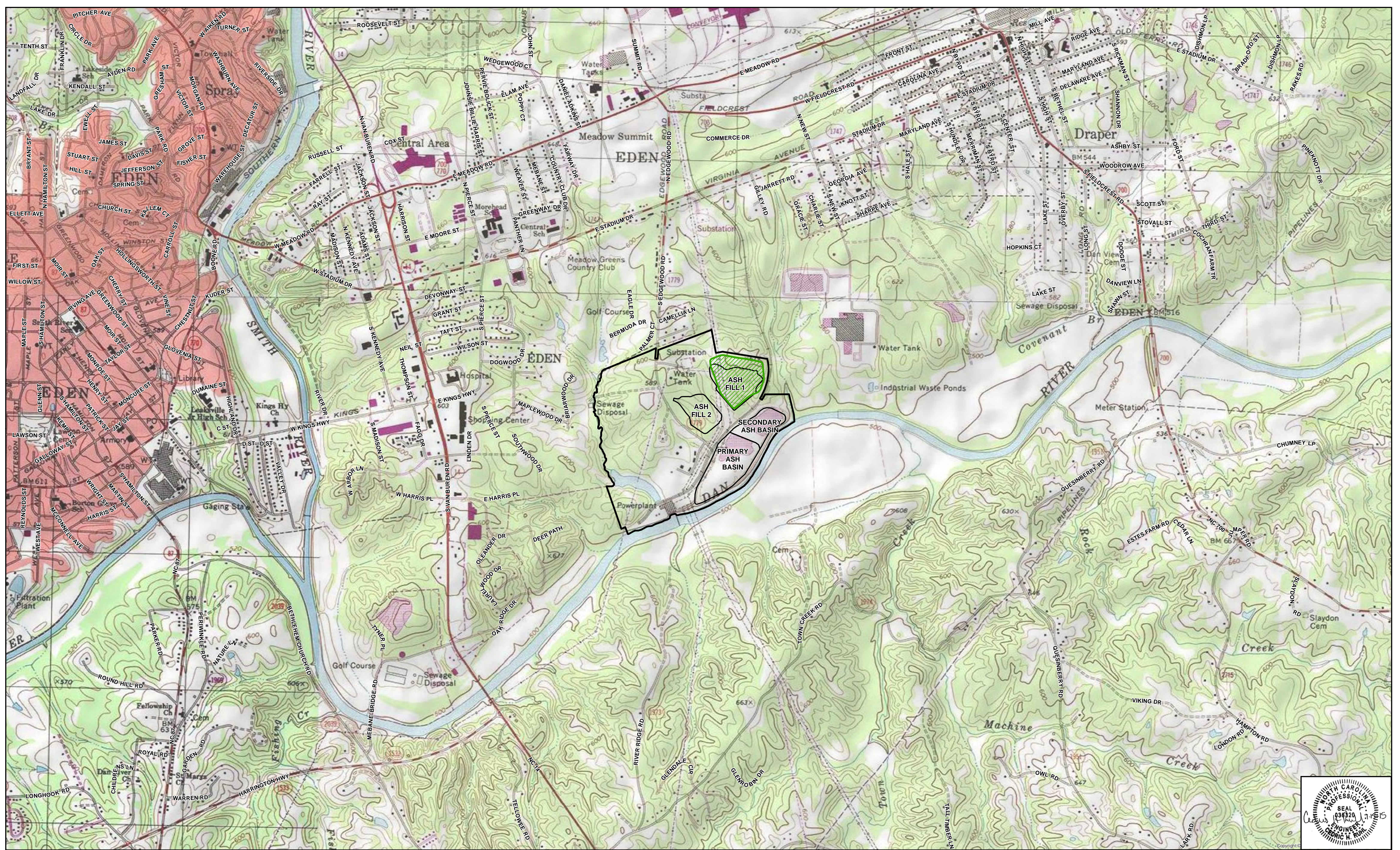
3.8 Additional Pertinent Information - .0504(1)(h)

NCAC Chapter 13B .0504(1)(g) states that:

“Any other information pertinent to the suitability of the proposed site.”

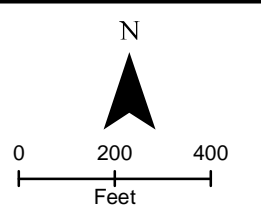
Neither Amec Foster Wheeler nor Duke are aware of any other information pertinent to the suitability of the proposed site.

DRAWINGS



PROPOSED DAN RIVER LANDFILL
 DUKE PROPERTY BOUNDARY





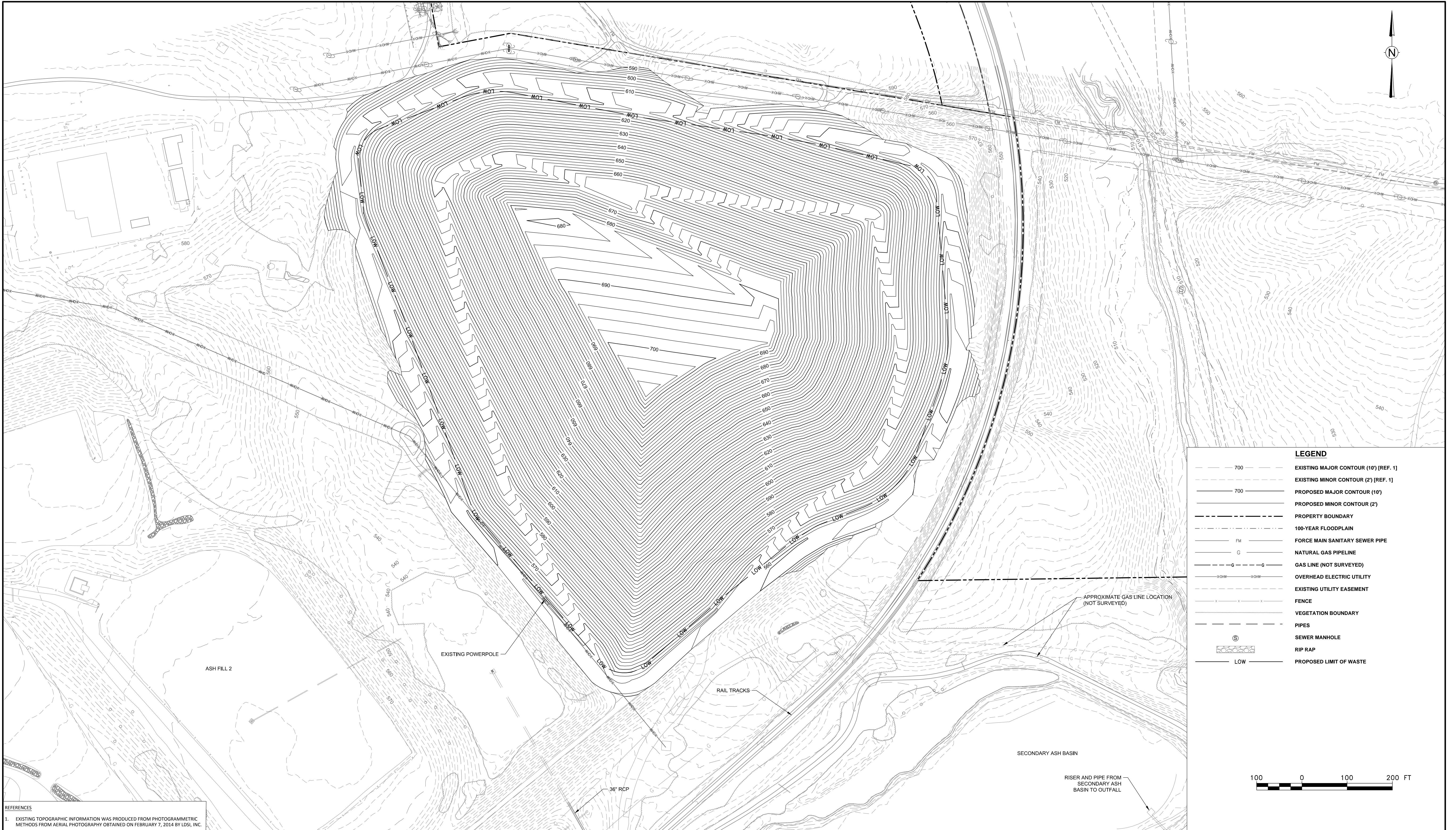
amec foster wheeler

AERIAL SITE MAP
 PROPOSED DAN RIVER LANDFILL
 DUKE ENERGY - DAN RIVER STEAM STATION
 ROCKINGHAM COUNTY, NORTH CAROLINA

PREPARED BY	SJP	DATE	7/15/15	CHECKED BY	CHR	DATE	7/15/15	JOB NUMBER	7810-14-0065	FIGURE	2
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PROPOSED DAN RIVER LANDFILL
 DUKE PROPERTY BOUNDARY

Plotted By: Ruhl, Cedric Sheet: Sht: DnrRivwr-Landfill Layout: C-6.1 LANDFILL FINAL CLOSURE GRADES July 03, 2015 10:03:59am \\C:\1-11\Lead\Draw\DrawRivwr\9810140065_ABSAT_Dnr River Off Site_LP\Plansheets\Site Suitability\Site Suitability Fig. 3.dwg



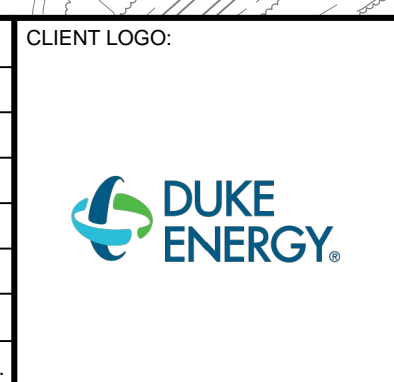
LEGEND	
	EXISTING MAJOR CONTOUR (10') [REF. 1]
	EXISTING MINOR CONTOUR (2') [REF. 1]
	PROPOSED MAJOR CONTOUR (10')
	PROPOSED MINOR CONTOUR (2')
	PROPERTY BOUNDARY
	100-YEAR FLOODPLAIN
	FORCE MAIN SANITARY SEWER PIPE
	NATURAL GAS PIPELINE
	GAS LINE (NOT SURVEYED)
	OVERHEAD ELECTRIC UTILITY
	EXISTING UTILITY EASEMENT
	FENCE
	VEGETATION BOUNDARY
	PIPES
	SEWER MANHOLE
	RIP RAP
	PROPOSED LIMIT OF WASTE

REFERENCES
 1. EXISTING TOPOGRAPHIC INFORMATION WAS PRODUCED FROM PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY OBTAINED ON FEBRUARY 7, 2014 BY LCSI, INC.

PRELIMINARY
NOT FOR CONSTRUCTION



REV	D	M	Y	ISSUE/REVISION DESCRIPTION	ENG.	APPR.
0	15	7	2015	INITIAL SUBMITTAL	CHR	KRD



CLIENT:
 DUKE ENERGY CAROLINAS
 ROCKINGHAM COUNTY, NC
 Amec Foster Wheeler Environment & Infrastructure, Inc.
 2801 YORKMONT ROAD, SUITE 100
 CHARLOTTE, NC 28208
 TEL: (704) 357-8600 FAX: (704) 357-8638
 LICENSURE: NC ENG. F-1253 NC GEOLOGY: C-247



DATUM: ---
PROJECTION: ---
DRAWN BY: CSJ
REVIEWED BY: CHR
SCALE: AS SHOWN

PROJECT:
 DAN RIVER LANDFILL
 SITE SUITABILITY STUDY
TITLE:
 LANDFILL FINAL CLOSURE GRADES

PROJECT NO.:
 7810-14-0065
REVISION NO.:
 0
DATE:
 7/15/2015
DRAWING NO.:
 3



Town Creek-Dan River
Fall Creek-Smith River

ASH FILL 1

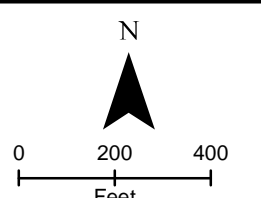
ASH FILL 2

SECONDARY ASH BASIN

PRIMARY ASH BASIN



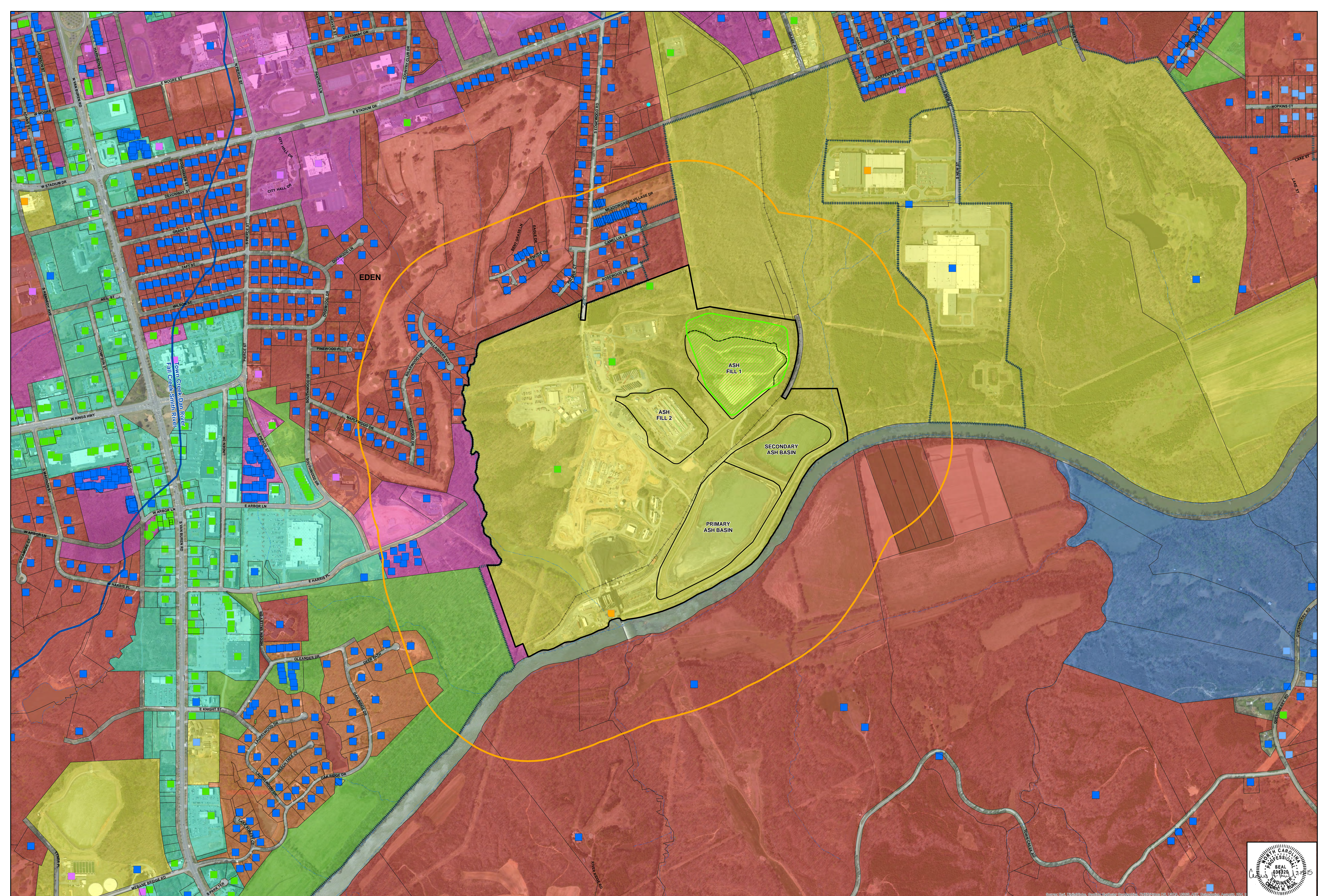
- 100-YEAR FLOOD ZONE
- PROPOSED DAN RIVER LANDFILL
- DUKE PROPERTY BOUNDARY
- WATERSHED BOUNDARY



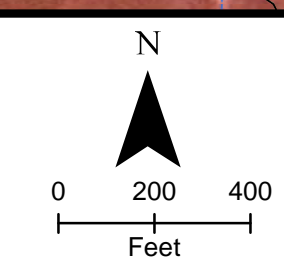
amec foster wheeler

PREPARED BY	SJP	DATE	7/15/15	CHECKED BY	CHR	DATE	7/15/15	JOB NUMBER	7810-14-0065	FIGURE	4
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FLOODPLAIN MAP
PROPOSED DAN RIVER LANDFILL
DUKE ENERGY - DAN RIVER STEAM STATION
ROCKINGHAM COUNTY, NORTH CAROLINA

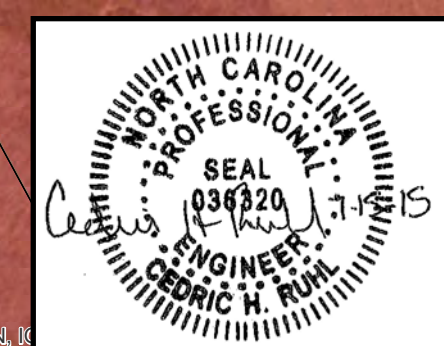


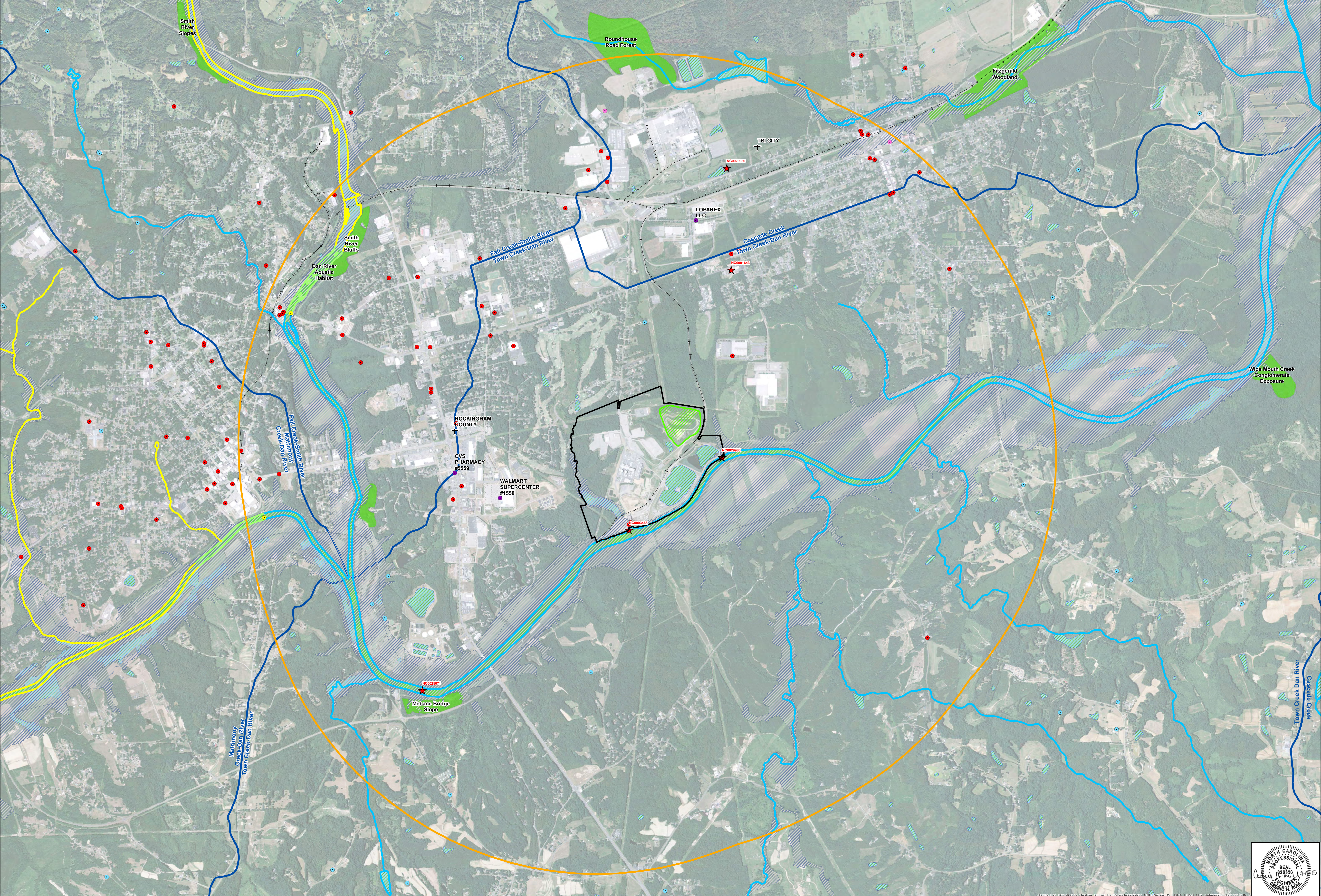
- PROPOSED DAN RIVER LANDFILL
- PARCELS
- DUKE PROPERTY BOUNDARY
- WATERSHED BOUNDARY
- QUARTER MILE DUKE PARCEL RADIUS
- CITY LIMITS
- WELLS
- STREAMS
- RAILROAD
- ADDRESSED STRUCTURES
- STRUCTURE TYPE
- COMMERCIAL
- INDUSTRIAL
- INSTITUTIONAL ZONING
- MOBILE HOME
- RESIDENTIAL
- BUSINESS
- INDUSTRIAL
- MIXED
- OFFICE AND INSTITUTIONAL
- PLANNED UNIT DEVELOPMENT
- RESIDENTIAL-AGRICULTURAL/RESIDENTIAL
- RESIDENTIAL SUBURBAN



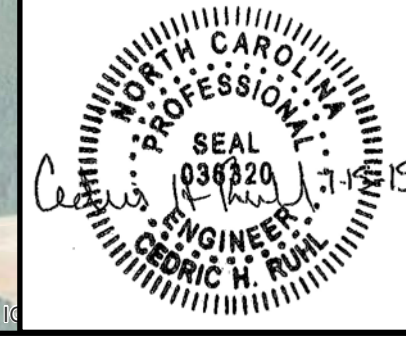
amec foster wheeler
 PREPARED BY: RLC DATE: 7/15/15
 CHECKED BY: CHR DATE: 7/15/15
 JOB NUMBER: 7810-14-0065

QUARTER MILE RADIUS MAP
 PROPOSED DAN RIVER LANDFILL
 DUKE ENERGY - DAN RIVER STEAM STATION
 ROCKINGHAM COUNTY, NORTH CAROLINA
 FIGURE 5





<ul style="list-style-type: none"> PROPOSED DAN RIVER LANDFILL DUKE PROPERTY BOUNDARY TWO-MILE BOUNDARY FROM DUKE PROPERTY WATERSHED BOUNDARY 100-YEAR FLOOD ZONE 	<ul style="list-style-type: none"> NATIONAL WETLAND INVENTORY SIGNIFICANT NATURAL HERITAGE AREA RAILROAD 	<ul style="list-style-type: none"> WATERSHED CLASS CLASS C - WATERS PROTECTED FOR SECONDARY RECREATION, FISHING, WILDLIFE, FISH CONSUMPTION, AQUATIC LIFE. WS-IV - WATERS USED AS SOURCE OF WATER SUPPLY FOR DRINKING WS-IV - CRITICAL AREA 	<ul style="list-style-type: none"> WELLS REGIONAL UNDERGROUND STORAGE TANK INCIDENTS HAZARDOUS SUBSTANCE SPILL AND DISPOSAL SITE SITE REGULATED BY RESOURCE CONSERVATION AND RECOVERY ACT 	<ul style="list-style-type: none"> SURFACE WATER INTAKE AIRPORTS NCDENR NPDES SITE WITH PERMIT NUMBER 	<p>0 1,000 2,000 Feet</p> <p>N</p>	<p>amec foster wheeler</p>	<p>TWO MILE BOUNDARY MAP PROPOSED DAN RIVER LANDFILL DUKE ENERGY - DAN RIVER STEAM STATION ROCKINGHAM COUNTY, NORTH CAROLINA</p>
<p>PREPARED BY: SJP DATE: 7/15/15</p>	<p>CHECKED BY: CHR DATE: 7/15/15</p>	<p>JOB NUMBER: 7810140065</p>	<p>FIGURE:</p>				



APPENDIX I

Letter to the United States Fish and Wildlife Service (USFWS)



April 3, 2015

Ms. Kathryn Matthews
Federal Project Review Coordinator
U.S. Fish and Wildlife Services, Raleigh Field Office
551 F Pylon Drive
Raleigh, NC 27606

Subject: Environmental Review Requests - Revised
Duke Energy
Rockingham County, North Carolina
Amec Foster Wheeler Project No.: 7810-14-0065

Dear Ms. Matthews:

Amec Foster Wheeler previously submitted an Environmental Review Request for a proposed industrial landfill on a property near Dan River Steam Station (off-site landfill) in a letter dated February 20, 2015. Recently Duke Energy (Duke) elected to cease pursuit of an off-site landfill and instead pursue an industrial landfill on Dan River Steam Station property (on-site landfill). This letter requesting concurrence or comments for the proposed on-site landfill is intended to replace the February 20, 2015 letter for the off-site landfill.

Amec Foster Wheeler, on behalf of Duke, is requesting concurrence or comments from the U.S. Fish and Wildlife Service (USFWS) Raleigh Field Office concerning proposed site development activities at Dan River Steam Station in Rockingham County, North Carolina. Site development activities may include clearing, earthworks, haul road construction, and other construction activities to support a proposed industrial landfill.

Amec Foster Wheeler has provided a USGS Topographic Map (Figure 1) of the subject property. A search of the USFWS Information, Planning, and Conservation System (IPAC) identified the potential for two federally endangered species potentially occurring in the project area: the James spiny mussel (*Pleurobema collina*) and the smooth coneflower (*Echinacea laevigata*).

Amec Foster Wheeler requests comments from USFWS regarding the proposed project. If you have any questions or comments, please contact Richard Harmon at (919) 768-9908 or via email at richard.harmon@amecfw.com.

Correspondence:

Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, North Carolina 27703
Tel (919) 381-9900
Fax (919) 381-9901
Licenses: NC Engineering F-1253, Geology C-247

www.amecandfosterwheeler.com

Sincerely,

Amec Foster Wheeler



Jonathan A. Bourdeau, PWS
Senior Scientist
jonathan.bourdeau@amecfw.com



Richard G. Harmon, PWS
Associate Ecologist
richard.harmon@amecfw.com

Attachments:

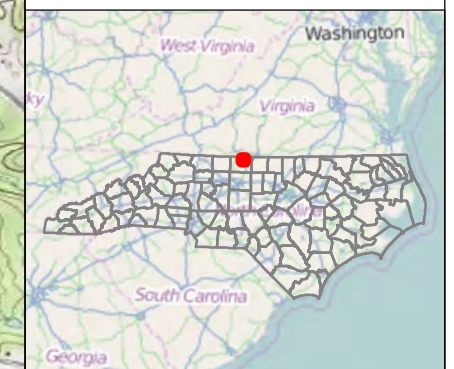
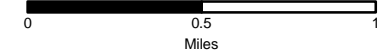
Figure 1



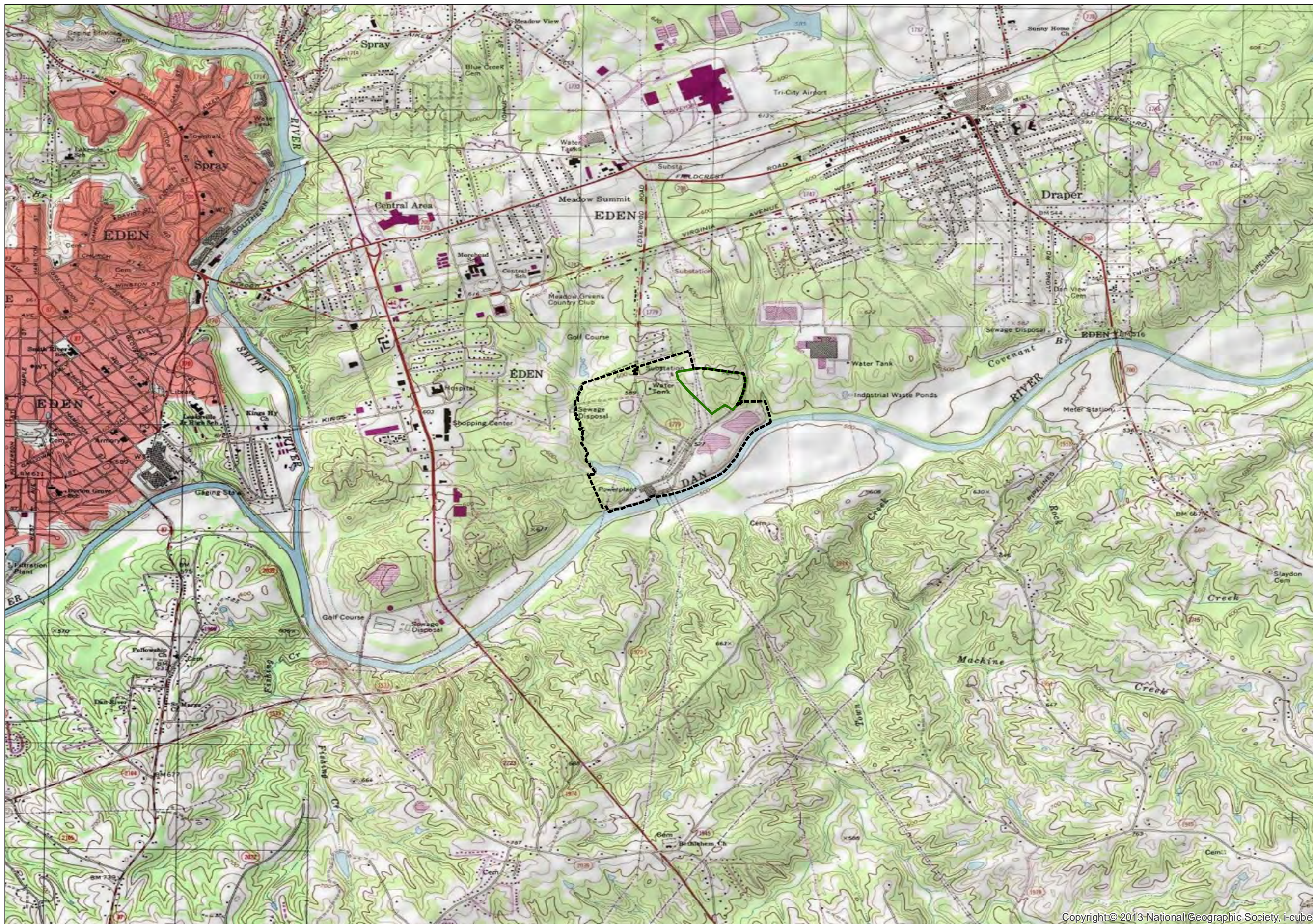
- Legend**
- Study Area
 - Property Boundary

**USGS Topographic Quad:
Northeast Eden
and
Southeast Eden Quads**

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TITLE:
**USGS Topographic Map
Dan River Steam Station
North Carolina**

NOTE: THIS MAP IS FOR REFERENCE ONLY!
Although every effort has been made to ensure the accuracy of information, errors and conditions originating from the physical sources used to develop the database may be reflected in the data supplied. The requestor must be aware of data conditions and ultimately bear responsibility for the appropriate use of the information with respect to possible errors, original map scale, collection methodology, currency of data, and other conditions specific to certain data.

PREPARED: Thursday, March 26, 2015
BY: AFW GEOSPATIAL SOLUTIONS
FILE: Project Folder\Energy\Projects\Duke\2014\7810140065_Dan River CCR LF Design\7_Cadd and GIS\GIS\GIS.gdb\Study_Area_New

SOURCE: ArcGIS Base Data: 1 June 2014
JOB NUMBER: 7810140065.03

Figure No.
1

APPENDIX II

Letter from the United States Fish and Wildlife Service (USFWS)



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Raleigh ES Field Office

Post Office Box 33726

Raleigh, North Carolina 27636-3726

May 15, 2015

Jonathan Bourdeau
Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, NC 27703

Re: Duke Energy Landfill- Rockingham County, NC

Dear Mr. Bourdeau:

This letter is to inform you that a list of all federally-protected endangered and threatened species with known occurrences in North Carolina is now available on the U.S. Fish and Wildlife Service's (Service) web page at <http://www.fws.gov/raleigh>. Therefore, if you have projects that occur within the Raleigh Field Office's area of responsibility (see attached county list), you no longer need to contact the Raleigh Field Office for a list of federally-protected species.

Our web page contains a complete and frequently updated list of all endangered and threatened species protected by the provisions of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.)(Act), and a list of federal species of concern¹ that are known to occur in each county in North Carolina.

Section 7 of the Act requires that all federal agencies (or their designated non-federal representative), in consultation with the Service, insure that any action federally authorized, funded, or carried out by such agencies is not likely to jeopardize the continued existence of any federally-listed endangered or threatened species. A biological assessment or evaluation may be prepared to fulfill that requirement and in determining whether additional consultation with the Service is necessary. In addition to the federally-protected species list, information on the species' life histories and habitats and information on completing a biological assessment or evaluation can be found on our web page at <http://www.fws.gov/raleigh>. Please check the web site often for updated information or changes.

¹ The term "federal species of concern" refers to those species which the Service believes might be in need of concentrated conservation actions. Federal species of concern receive no legal protection and their designation does not necessarily imply that the species will eventually be proposed for listing as a federally endangered or threatened species. However, we recommend that all practicable measures be taken to avoid or minimize adverse impacts to federal species of concern.

If your project contains suitable habitat for any of the federally-listed species known to be present within the county where your project occurs, the proposed action has the potential to adversely affect those species. As such, we recommend that surveys be conducted to determine the species' presence or absence within the project area. The use of North Carolina Natural Heritage program data should not be substituted for actual field surveys.

If you determine that the proposed action may affect (i.e., likely to adversely affect or not likely to adversely affect) a federally-protected species, you should notify this office with your determination, the results of your surveys, survey methodologies, and an analysis of the effects of the action on listed species, including consideration of direct, indirect, and cumulative effects, before conducting any activities that might affect the species. If you determine that the proposed action will have no effect (i.e., no beneficial or adverse, direct or indirect effect) on federally listed species, then you are not required to contact our office for concurrence (unless an Environmental Impact Statement is prepared). However, you should maintain a complete record of the assessment, including steps leading to your determination of effect, the qualified personnel conducting the assessment, habitat conditions, site photographs, and any other related articles.

With regard to the above-referenced project, we offer the following remarks. Our comments are submitted pursuant to, and in accordance with, provisions of the Endangered Species Act.

Based on the information provided and other information available, it appears that the proposed action is not likely to adversely affect any federally-listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Act at these sites. We believe that the requirements of section 7(a)(2) of the Act have been satisfied for your project. Please remember that obligations under section 7 consultation must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered; (2) this action is subsequently modified in a manner that was not considered in this review; or, (3) a new species is listed or critical habitat determined that may be affected by the identified action.

However, the Service is concerned about the potential impacts the proposed action might have on aquatic species. Aquatic resources are highly susceptible to sedimentation. Therefore, we recommend that all practicable measures be taken to avoid adverse impacts to aquatic species, including implementing directional boring methods and stringent sediment and erosion control measures. An erosion and sedimentation control plan should be submitted to and approved by the North Carolina Division of Land Resources, Land Quality Section prior to construction. Erosion and sedimentation controls should be installed and maintained between the construction site and any nearby down-gradient surface waters. In addition, we recommend maintaining natural, vegetated buffers on all streams and creeks adjacent to the project site.

The North Carolina Wildlife Resources Commission has developed a Guidance Memorandum (a copy can be found on our website at (<http://www.fws.gov/raleigh>) to address and mitigate secondary and cumulative impacts to aquatic and terrestrial wildlife resources and water quality. We recommend that you consider this document in the development of your projects and in completing an initiation package for consultation (if necessary).

We hope you find our web page useful and informative and that following the process described above will reduce the time required, and eliminate the need, for general correspondence for species' lists. If you have any questions or comments, please contact John Ellis of this office at (919) 856-4520 ext. 26.

Sincerely,

A handwritten signature in black ink, appearing to read "Pete Benjamin". The signature is written in a cursive, flowing style.

Pete Benjamin
Field Supervisor

List of Counties in the Service's Raleigh Field Office Area of Responsibility

Alamance	Perquimans
Beaufort	Person
Bertie	Pitt
Bladen	Randolph
Brunswick	Richmond
Camden	Robeson
Carteret	Rockingham
Caswell	Sampson
Chatham	Scotland
Chowan	Tyrrell
Columbus	Vance
Craven	Wake
Cumberland	Warren
Currituck	Washington
Dare	Wayne
Duplin	Wilson
Durham	
Edgecombe	
Franklin	
Gates	
Granville	
Greene	
Guilford	
Halifax	
Harnett	
Hertford	
Hoke	
Hyde	
Johnston	
Jones	
Lee	
Lenoir	
Martin	
Montgomery	
Moore	
Nash	
New Hanover	
Northampton	
Onslow	
Orange	
Pamlico	
Pasquotank	
Pender	

APPENDIX III

Letter to the North Carolina Wildlife Resources Commission (NCWRC)



May 12, 2015

Mr. Travis Wilson
North Carolina Wildlife Resources Commission
1701 Mail Service Center
Raleigh, North Carolina 27699-1701

Subject: Environmental Review Request
Duke Energy
Rockingham County, North Carolina
Amec Foster Wheeler Project No.: 7810-14-0065

Dear Mr. Wilson:

Amec Foster Wheeler, on behalf of Duke Energy (Duke), is requesting concurrence or comments from the North Carolina Wildlife Resources Commission (NC WRC) concerning proposed site development activities at a property in Rockingham County, North Carolina. Site development activities may include clearing, earthworks, haul road construction, and other construction activities to support a proposed industrial landfill.

Amec Foster Wheeler has provided a USGS Topographic Map (Figure 1) of the subject property and request comments from NC WRC regarding the proposed project. If you have any questions or comments, please contact Richard Harmon at (919) 768-9908 or via email at richard.harmon@amecfw.com.

Sincerely,

Amec Foster Wheeler

A handwritten signature in blue ink that reads "Jonathan Bourdeau".

Jonathan A. Bourdeau, PWS
Senior Scientist
jonathan.bourdeau@amecfw.com

A handwritten signature in blue ink that reads "Richard Harmon".

Richard G. Harmon, PWS
Associate Ecologist
richard.harmon@amecfw.com

Attachments:

Figure 1

Correspondence:

Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, North Carolina 27703
Tel (919) 381-9900
Fax (919) 381-9901
Licenses: NC Engineering F-1253, Geology C-247

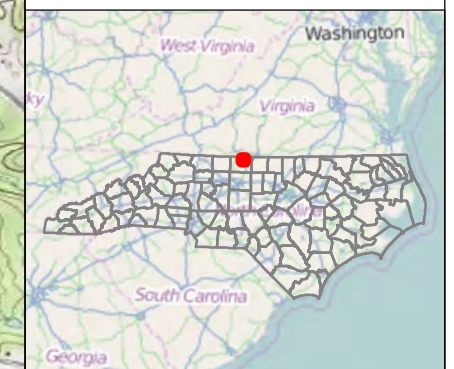
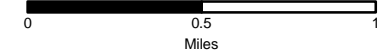
www.amecandfosterwheeler.com



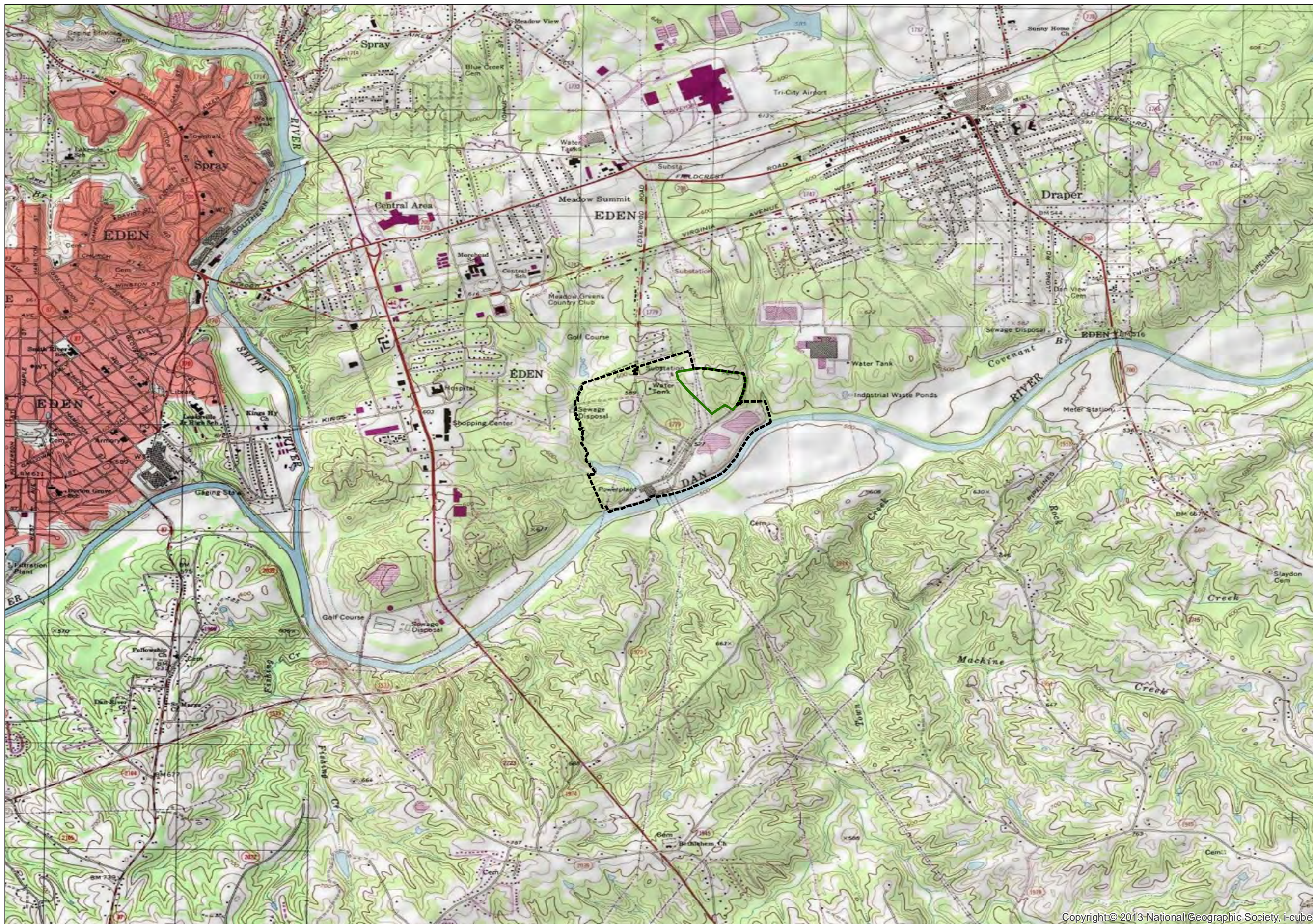
- Legend**
- Study Area
 - Property Boundary

**USGS Topographic Quad:
Northeast Eden
and
Southeast Eden Quads**

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TITLE:
**USGS Topographic Map
Dan River Steam Station
North Carolina**

NOTE: THIS MAP IS FOR REFERENCE ONLY!
Although every effort has been made to ensure the accuracy of information, errors and conditions originating from the physical sources used to develop the database may be reflected in the data supplied. The requestor must be aware of data conditions and ultimately bear responsibility for the appropriate use of the information with respect to possible errors, original map scale, collection methodology, currency of data, and other conditions specific to certain data.

PREPARED: Thursday, March 26, 2015
BY: AFW GEOSPATIAL SOLUTIONS
FILE: Project Folder\Energy\Projects\Duke\2014\7810140065_Dan River CCR LF Design\7_Cadd and GIS\GIS\GIS.gdb\Study_Area_New

SOURCE: ArcGIS Base Data: 1 June 2014
JOB NUMBER: 7810140065.03

Figure No.
1

APPENDIX IV

Letter from the North Carolina Wildlife Resources Commission (NCWRC)



◊ North Carolina Wildlife Resources Commission ◊

Gordon Myers, Executive Director

5 June 2015

Mr. Richard Harmon, PWS, Associate Ecologist
Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, NC 27703

Subject: Environmental Review Request for Duke Energy – Dan River Steam Station, Rockingham County, North Carolina. Amec Foster Wheeler Project No.: 7810-14-0065.

Dear Mr. Harmon:

Biologists with the North Carolina Wildlife Resources Commission (NCWRC) have reviewed the subject information. Our comments are provided in accordance with provisions of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661-667e) and North Carolina General Statutes (G.S. 113-131 et seq.).

Duke Energy is proposing site development activities that may include clearing, earthworks, haul road construction, and other construction activities to support a proposed industrial landfill. The proposed study area site drains to Dan River in the Roanoke River basin. There are records for the federal and state endangered Roanoke logperch (*Percina rex*), the federal species of concern and state endangered green floater (*Lasmigona subviridis*), the federal species of concern and state significantly rare Roanoke bass (*Ambloplites cavifrons*), the state threatened bigeye jumprock (*Moxostoma ariommum*), and the state significantly rare Roanoke hogsucker (*Hypentelium roanokense*) and quillback (*Carpoides cyprinus*) in the Dan River watershed. The Natural Heritage Natural Area – ROA/Dan River Aquatic Habitat – is located along this portion of the Dan River. In addition, the U.S. Fish and Wildlife Service recently listed the Northern long-eared bat (*Myotis septentrionalis*) as threatened under the Endangered Species Act. We suggest contacting the U.S. Fish and Wildlife Service at (919) 856-4520 regarding potential impacts to federally listed species.

Specific information regarding the proposed construction was not included in the document. We offer the following general comments or recommendations regarding landfill projects to minimize impacts to aquatic and terrestrial wildlife resources.

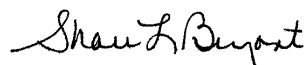
1. Wetlands and streams within the site boundaries should be identified through on-site surveys prior to any land disturbing activities. If wetlands and/or streams will be impacted by construction activities, then the project should be coordinated with the U.S. Army Corps of Engineers and the N.C. Division of Water Resources.

5 June 2015
Dan River Steam Station

2. Measures to avoid or minimize impacts to wetlands should be implemented during construction. In addition to providing wildlife habitat, wetland areas perform important functions of flood control and water quality protection.
3. If any streams will be relocated, use natural channel design methods where feasible. If the streams cannot be relocated, then the stream channels should be diverted to prevent surface waters from contacting disposed waste materials.
4. In watersheds that support a federally listed species, maintain a minimum 200-foot undisturbed, native, forested buffer along perennial streams, and a minimum 100-foot buffer along intermittent streams and wetlands. Maintaining undisturbed, forested buffers along these areas will minimize impacts to aquatic and terrestrial wildlife resources, water quality, and aquatic habitat both within and downstream of the project area.
5. Avoid construction or fill in the 100-year floodplain. Construction or fill in the floodplain increases the potential for flooding and interferes with the natural hydrologic process of the waterways. It also disrupts the continuity of migration corridors for wildlife.
6. In watersheds that support a federally listed species, stormwater management structures should be designed to mimic the hydrograph consistent with an impervious coverage of less than 6%.
7. Where feasible, use bridges for all permanent roadway crossings of streams and associated wetlands. If culverts must be used, the culvert should be designed to allow passage of aquatic life during normal flows as well as during low flow and drought conditions.
8. Where feasible, stockpile top soils for final site reclamation. However, excavated materials should not be stockpiled where sediment will erode to surface waters. In addition, consider establishing vegetative cover on the site that is beneficial to wildlife. We refer the applicant to Jason Allen, District Wildlife Biologist at (336) 524-9801 or jason.allen@ncwildlife.org for information and ideas on establishing vegetation or incorporating other measures that are beneficial to wildlife.
9. Sediment and erosion control measures should be installed prior to any land clearing or construction. These measures should be routinely inspected and properly maintained. Excessive silt and sediment loads can have numerous detrimental effects on aquatic resources including destruction of spawning habitat, suffocation of eggs, and clogging of gills of aquatic species.
10. Measures should be used to prevent the release of leachate to groundwater or surface waters. We suggest periodic monitoring for landfill pollutants downstream of the landfill.

Thank you for the opportunity to review this project. If we can provide further assistance, please contact our office at (336) 449-7625 or shari.bryant@ncwildlife.org.

Sincerely,



Shari L. Bryant
Western Piedmont Coordinator
Habitat Conservation

ec: John Ellis, USFWS

APPENDIX V

Letter to the North Carolina State Historic Preservation Office (SHPO)



April 3, 2015

Ms. Renee Gledhill-Earley
North Carolina State Historic Preservation Office
109 East Jones Street, Room 258
Raleigh, North Carolina 27601

Subject: Environmental Review Requests - Revised
Duke Energy
Rockingham County, North Carolina
Amec Foster Wheeler Project No.: 7810-14-0065

Dear Ms. Gledhill-Earley:

Amec Foster Wheeler previously submitted an Environmental Review Request for a proposed industrial landfill on a property near Dan River Steam Station (off-site landfill) in a letter dated February 20, 2015. Recently Duke Energy (Duke) elected to cease pursuit of an off-site landfill and instead pursue an industrial landfill on Dan River Steam Station property (on-site landfill). This letter requesting concurrence or comments for the proposed on-site landfill is intended to replace the February 20, 2015 letter for the off-site landfill.

Amec Foster Wheeler, on behalf of Duke Energy (Duke), is requesting concurrence or comments from the North Carolina State Historic Preservation Office (SHPO) concerning proposed site development activities at Dan River Steam Station in Rockingham County, North Carolina. Site development activities may include clearing, earthworks, haul road construction, and other construction activities to support a proposed industrial landfill.

Amec Foster Wheeler has provided a USGS Topographic Map (Figure 1) of the subject property and request comments from SHPO regarding the proposed project. If you have any questions or comments, please contact Richard Harmon at (919) 768-9908 or via email at richard.harmon@amecfw.com.

Sincerely,

Amec Foster Wheeler

A handwritten signature in blue ink that reads "Jonathan Bourdeau".

Jonathan A. Bourdeau, PWS
Senior Scientist
jonathan.bourdeau@amecfw.com

A handwritten signature in blue ink that reads "Richard Harmon".

Richard G. Harmon, PWS
Associate Ecologist
richard.harmon@amecfw.com

Attachments:

Figure 1

Correspondence:

Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, North Carolina 27703
Tel (919) 381-9900
Fax (919) 381-9901
Licenses: NC Engineering F-1253, Geology C-247

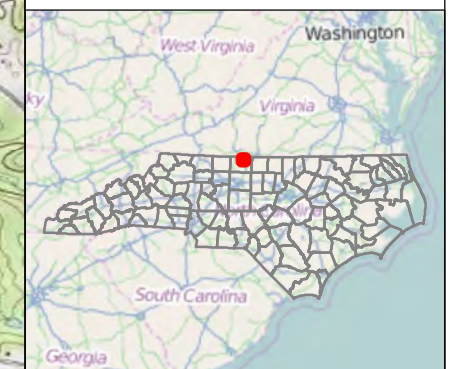
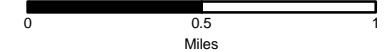
www.amecandfosterwheeler.com



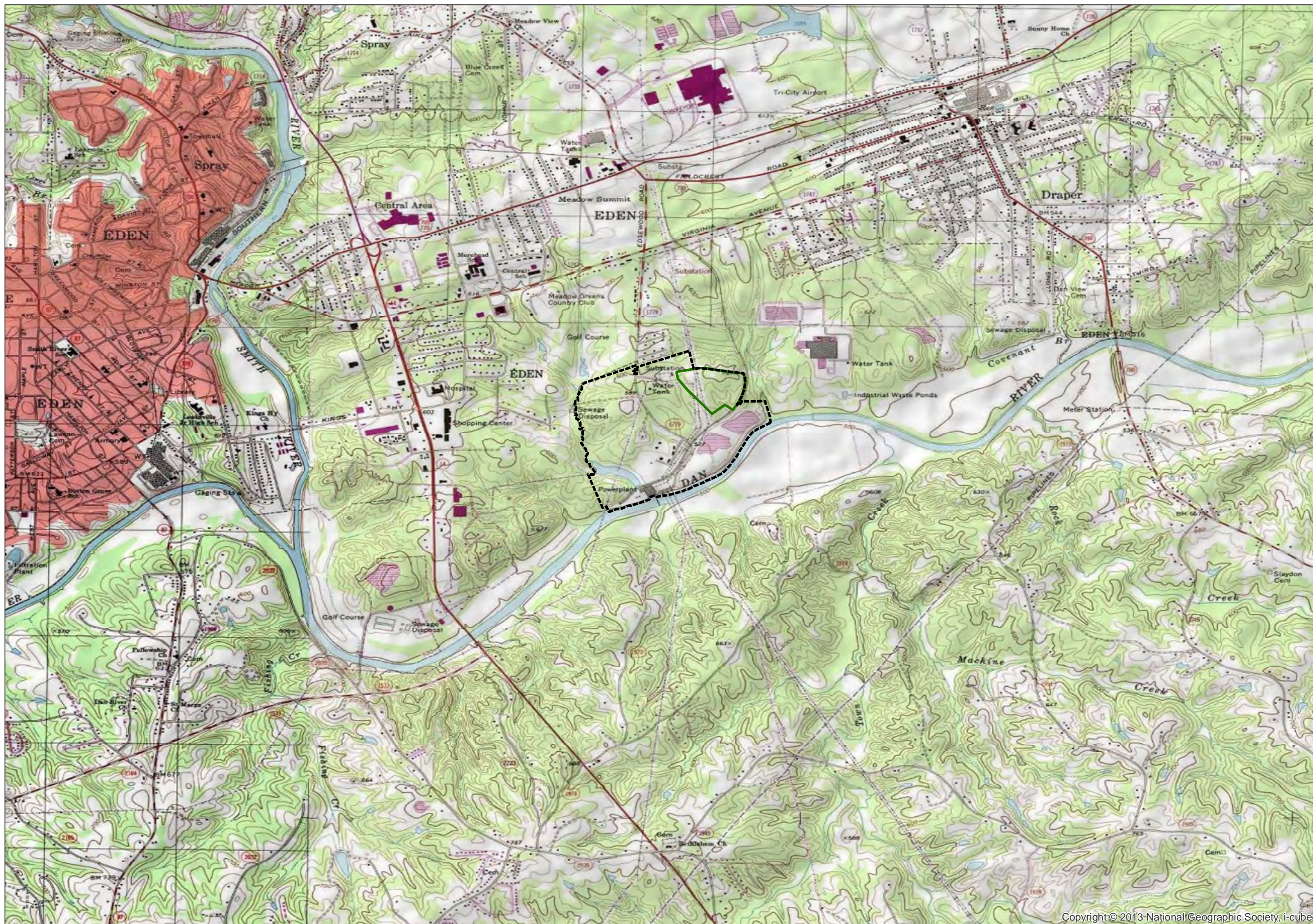
- Legend**
- Study Area
 - Property Boundary

**USGS Topographic Quad:
Northeast Eden
and
Southeast Eden Quads**

The map shown here has been created with all due and reasonable care and is strictly for use with AMEC project number . AMEC assumes no liability, direct or indirect, whatsoever or any such third party or unintended use.



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TITLE:
**USGS Topographic Map
Dan River Steam Station
North Carolina**

NOTE: THIS MAP IS FOR REFERENCE ONLY!
Although every effort has been made to ensure the accuracy of information, errors and conditions originating from the physical sources used to develop the database may be reflected in the data supplied. The requestor must be aware of data conditions and ultimately bear responsibility for the appropriate use of the information with respect to possible errors, original map scale, collection methodology, currency of data, and other conditions specific to certain data.

PREPARED: Thursday, March 26, 2015
BY: AFW GEOSPATIAL SOLUTIONS
FILE: Project Folder\Energy\Projects\Duke\2014\7810140065_Dan River CCR LF Design\7_Cadd and GIS\GIS\GIS.gdb\Study_Area_New

SOURCE: ArcGIS Base Data: 1 June 2014
JOB NUMBER: 7810140065.03

Figure No.
1

APPENDIX VI

Letter from the North Carolina State Historic Preservation Office (SHPO)



North Carolina Department of Cultural Resources
State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Pat McCrory
Secretary Susan Kluttz

Office of Archives and History
Deputy Secretary Kevin Cherry

May 5, 2015

Jonathan Bourdeau
Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, NC 27703

Re: Construct Industrial Landfill, Duke Energy Dan River Steam Station Property, Rockingham County,
ER 14-2716

Dear Mr. Bourdeau:

Thank you for your letter of April 3, 2015, concerning the above project.

We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-807-6579 or environmental.review@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

A handwritten signature in blue ink that reads "Renee Gledhill-Earley".

A handwritten signature in blue ink that reads "for Ramona M. Bartos".
for Ramona M. Bartos

APPENDIX VII

Letter to the North Carolina Natural Heritage Program (NCNHP)



April 3, 2015

Mr. Harry E. Legrand, Jr.
North Carolina Natural Heritage Program
1601 Mail Service Center
Raleigh, North Carolina 27699-1601

Subject: Review for Presence of Endangered/Threatened Species and Wildlife Preserves - Revised

Duke Energy
Rockingham County, North Carolina
Amec Foster Wheeler Project No.: 7810-14-0065

Dear Mr. Legrand:

Amec Foster Wheeler previously requested a Review for Presence of Endangered / Threatened Species and Wildlife Preserves for a proposed industrial landfill on a property near Dan River Steam Station (off-site landfill) in a letter dated February 20, 2015. Recently Duke Energy (Duke) elected to cease pursuit of an off-site landfill and instead pursue an industrial landfill on Dan River Steam Station property (on-site landfill). This letter requesting concurrence or comments for the proposed on-site landfill is intended to replace the February 20, 2015 letter for the off-site landfill.

Amec Foster Wheeler, on behalf of Duke Energy (Duke), is requesting concurrence or comments from the North Carolina Natural Heritage Program (NC NHP) concerning proposed site development activities at a property in Rockingham County, North Carolina. Site development activities may include clearing, earthworks, haul road construction, and other construction activities to support a proposed industrial landfill.

Amec Foster Wheeler has provided a USGS Topographic Map (Figure 1) of the subject property and request comments from NC NHP regarding the proposed project. If you have any questions or comments, please contact Richard Harmon at (919) 768-9908 or via email at richard.harmon@amecfw.com.

Sincerely,

Amec Foster Wheeler

A handwritten signature in blue ink that reads "Jonathan Bourdeau".

Jonathan A. Bourdeau, PWS
Senior Scientist
jonathan.bourdeau@amecfw.com

A handwritten signature in blue ink that reads "Richard Harmon".

Richard G. Harmon, PWS
Associate Ecologist
richard.harmon@amecfw.com

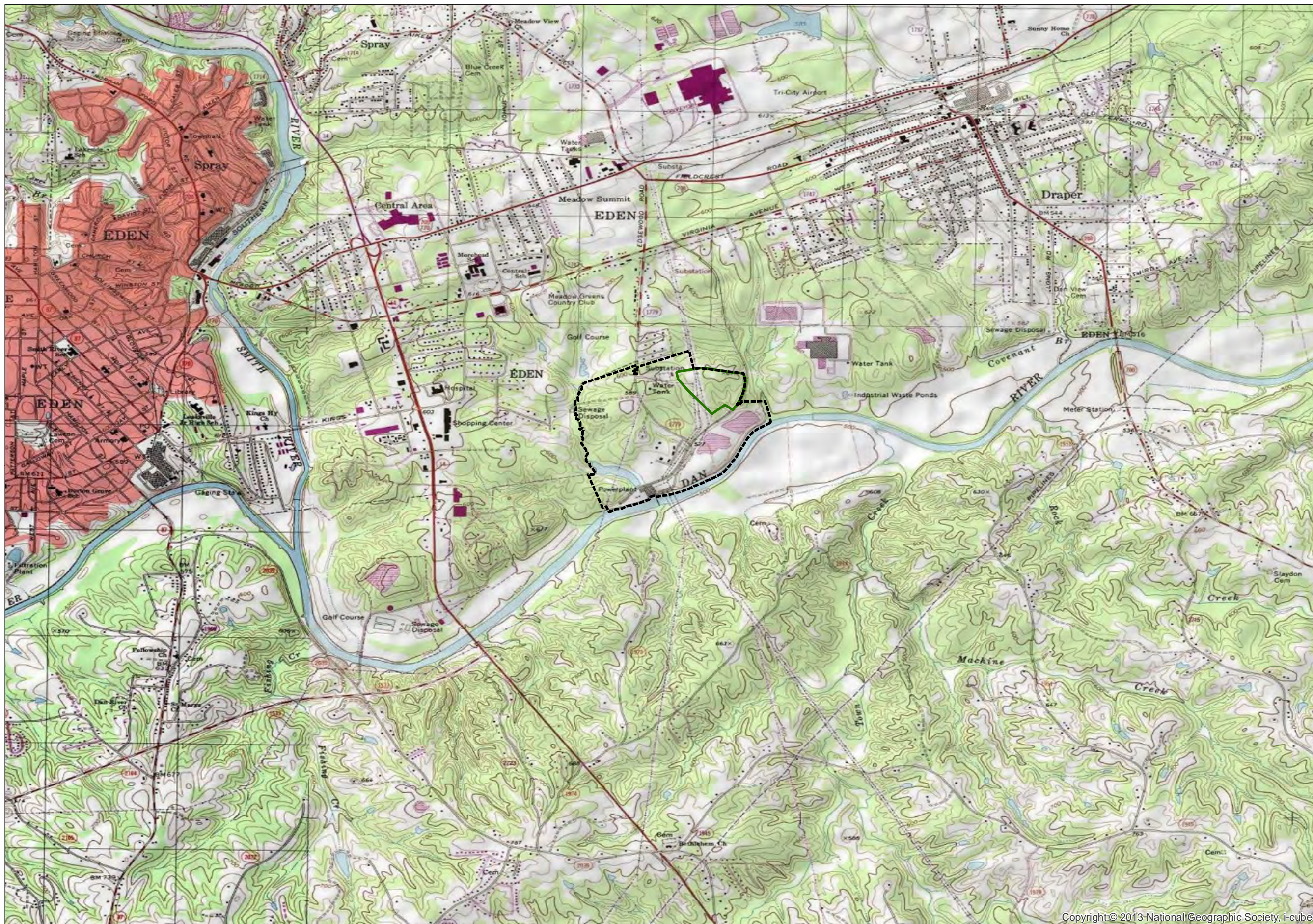
Attachments:

Figure 1

Correspondence:

Amec Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, North Carolina 27703
Tel (919) 381-9900
Fax (919) 381-9901
Licenses: NC Engineering F-1253, Geology C-247

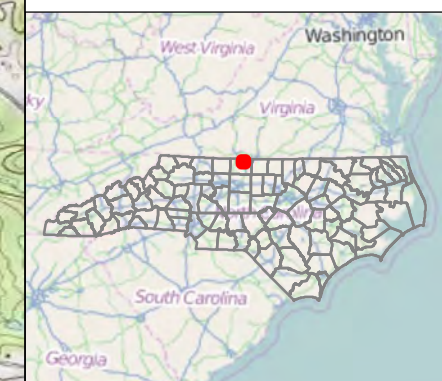
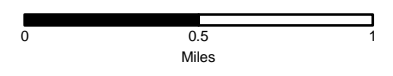
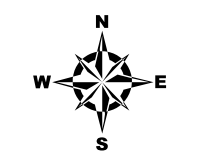
www.amecandfosterwheeler.com



Legend
 [Green outline] Study Area
 [Dashed line] Property Boundary

USGS Topographic Quad:
 Northeast Eden
 and
 Southeast Eden Quads

The map shown here has been created with all due and reasonable care and is strictly for use with AMEC project number . AMEC assumes no liability, direct or indirect, whatsoever or any such third party or unintended use.



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APPENDIX VIII

Letter from the North Carolina Natural Heritage Program (NCNHP)



North Carolina Department of Environment and Natural Resources
Office of Land and Water Stewardship

Pat McCrory
Governor

Bryan Gossage
Director

Donald R. van der Vaart
Secretary

April 17, 2015

Mr. Jonathan A. Bourdeau
Mr. Richard G. Harmon
AMEC Foster Wheeler
4021 Stirrup Creek Drive, Suite 100
Durham, North Carolina 27703
Jonathan.bourdeau@amecfw.com
Richard.harmon@amecfw.com

RE: Dan River Steam Station (Duke Energy) – Proposed On-Site Industrial Landfill
Eden, Rockingham County, North Carolina
AMEC Foster Wheeler Project No. 7810-14-0065

Dear Mr. Bourdeau and Mr. Harmon:

Thank you for the opportunity to provide information from the North Carolina Natural Heritage Program (NCNHP) database for the proposed project referenced above. As noted in your request for information dated April 3, 2015, our office previously responded to a request for a proposed off-site landfill that was located just east of the proposed on-site landfill on March 23, 2015 (based on your previous request dated February 20, 2015). This letter provides a response to your request for the proposed on-site landfill property, as depicted in Figure 1 submitted with your April 3, 2015, request.

The NCNHP database does not show records for rare species, important natural communities, natural areas, or conservation/managed areas within the proposed project area as depicted in the maps submitted with your request for information. However, the NCNHP database does show that the Dan River Aquatic Habitat natural area, and occurrences of Roanoke Hog Sucker, Green Floater, and Bigeye Jumprock are documented within the reach of Dan River directly downstream from and adjacent to the proposed project area.

Within one mile of the proposed project area, the NCNHP database shows element occurrence records for the following rare species:

SCIENTIFIC NAME	COMMON NAME	ELEMENT OCCURRENCE STATUS	ACCURACY	STATE STATUS	FEDERAL STATUS
<i>Carpoides cyprinus</i>	Quillback	Current	Medium	SR	---
<i>Hypentelium roanokense</i>	Roanoke Hog Sucker	Current	Medium	SR	---
<i>Lasmigona subviridis</i>	Green Floater	Current	Medium	E	FSC
<i>Moxostoma ariommum</i>	Bigeye Jumprock	Current	Medium	T	---
<i>Parthenium auriculatum</i>	Glade Wild Quinine	Historical	Medium	SR-T	---

SCIENTIFIC NAME	COMMON NAME	ELEMENT OCCURRENCE STATUS	ACCURACY	STATE STATUS	FEDERAL STATUS
<i>Polemonium reptans</i> var. <i>reptans</i>	Jacob's Ladder	Historical	Medium	T	---
<i>Somatochlora georgiana</i>	Coppery Emerald	Historical	Very Low	SR	---

*For status and accuracy definitions, please see the Rare Species Status Definitions and Element Occurrences documents at <https://ncnhde.natureserve.org/content/help>.

The occurrence of Quillback is located in a reach of the Dan River just southwest of the proposed project area, from just upstream of the confluence with the Smith River to downstream of the NC-14 crossing. As noted above, the occurrences of Roanoke Hog Sucker, Green Floater, and Bigeye Jumprock are located immediately adjacent to and directly downstream from the southern portion of the project area. All four aquatic species listed above occur within the Dan River Aquatic Habitat natural area, which provides important habitat for these and other aquatic species.

The occurrences of Glade Wild Quinine and Jacob's Ladder are both located southwest of the project area, in the vicinity of Dan River and NC-14. The occurrence record for Coppery Emerald has very low accuracy due to the lack of site-specific locational information associated with the record, but this species has been documented in Rockingham County.

The locations of natural areas, including the Dan River Aquatic Habitat natural area, and conservation/managed areas nearby the project area, may be viewed by accessing the Natural Heritage Data Explorer online map viewer, or by downloading and using Geographic Information System (GIS) data; both options are available from the NCNHP Data Services webpage (see www.ncnhp.org).

Please note that although the NCNHP database may not show records for rare species within the proposed project area, it does not necessarily mean that they are not present; it may simply mean that the area has not been surveyed. Occurrences of rare species documented within one mile of the proposed project area increase the likelihood that these species may be present within the project area if suitable habitat exists. The use of Natural Heritage Program data should not be substituted for actual field surveys if needed, particularly if the project area contains suitable habitat for rare species. If rare species are found during field surveys, the NCNHP would appreciate receiving this information so that we may update our database.

Thank you for your interest in information available from the NCNHP database. Please feel free to contact me at Allison.Weakley@ncdenr.gov or 919-707-8629 if you have questions or need additional information.

Sincerely,



Allison Schwarz Weakley, Conservation Planner
 NC Natural Heritage Program

APPENDIX IX

Soil Life Cycle Calculation

Calculation Title:
 Soil Life Cycle Calculation

Summary:
 Dan River Landfill construction, operations, and closure is anticipated to generate a surplus of soil on the order of 40,000 cubic yards, indicating adequate soil capacity. The actual quantity of soil available may increase or decrease based on final ash removal grades, landfill grading plans, shrinkage factors, and potential use of ash as protective cover.

Notes:

Revision Log:

No.	Description	Originator	Verifier	Technical Reviewer
00	Initial Submittal	<i>Cedric H Ruhl</i>	<i>Chris Jordan</i>	<i>Thomas B Maier</i>
		Cedric H. Ruhl	Chris Jordan	Thomas B Maier

OBJECTIVE:

The objective of this calculation is to estimate the soil supply and demand for the various stages of the proposed Dan River Landfill life cycle.

METHOD:

Soil volumes were estimated by creating AutoCAD Civil 3D 2013 surfaces to approximate volumes, and by calculating depth times area for layers of uniform thickness.

CALCULATIONS:

1.0 Estimate soil supply

The approximate quantity of cut and fill to compacted soil liner subgrade was estimated by generating a comparison between the three-dimensional surfaces of the existing grades following ash removal from Ash Fill 1 and compacted soil liner subgrade [Ref. 1]. Next, a shrinkage factor of 20 percent was applied to estimate the net volume of soil available for filling as shown in the following table:

Base Surface	Comparison Surface	Soil Cut to Compacted Soil Liner Subgrade ¹ (cy) [Ref. 1]	Shrinkage Factor [Ref. 2]	Net Soil Supply from Landfill Subgrade Construction (cy)
existing grades after ash removal	compacted soil liner subgrade	420,399	20%	336,319

Additionally there are two existing soil stockpiles located on top of Ash Fill 1. The total soil supply was estimated as shown in the following table:

Existing Soil Stockpile Volume (cy)	Assumed Shrinkage Factor [Ref. 2]	Net Volume of Soil Stockpile (cy)	Net Soil Supply from Landfill Subgrade Construction (cy)	Total Soil Supply (cy)
116,554	20%	93,243	336,319	429,562

2.0 Estimate soil life cycle

The estimated soil life cycle was estimated based on the AutoCAD volume report previously described and by calculating depth times area for layers of uniform thickness. Assuming a maximum slope of 3H:1V, the conversion from perpendicular thickness to vertical thickness is a factor of 1.06. Depth was measured vertically in accordance with the design drawings. The estimated soil life cycle is presented in the following table:

Table 3: Soil Life Cycle

Landfill Phase	Description	Thickness (ft)	Limit of Waste Footprint (ac)	Incremental Volume of Soil Supply (cy)	Incremental Volume of Soil Demand (cy)	Incremental Net (cy)	Cumulative Net (cy)
Construction	Landfill Subgrade	varies	26.2	429,562	121,013	308,549	308,549
	Compacted Soil Liner	1.06	26.2	0	44,805	-44,805	263,744
	Protective Cover	2.12	26.2	0	89,611	-89,611	174,133
Operations	Interim Cover	1.06	26.2	0	44,805	-44,805	129,327
Closure	Soil Cover	1.59	26.2	0	67,208	-67,208	62,119
	Vegetative Layer	0.53	26.2	0	22,403	-22,403	39,716

DISCUSSION:

The soil life cycle analysis indicates that there is sufficient soil to construct, operate, and close the proposed landfill for the grading plans and liner configurations assumed. The actual quantity of soil available may increase or decrease based on final ash removal grades, landfill grading plans, shrinkage factors, and potential use of ash as protective cover. Additionally, the volume of soil suitable for structural fill may be significantly less due to the potential presence of rock fragments, debris, partially weathered rock, or other deleterious material. The suitability of on-site soils for use as compacted soil liner is beyond the scope of this calculation.

REFERENCES:

1. AutoCAD Civil 3D 2013 software, an Autodesk, Inc. product.
2. North Carolina Department of Transportation Soil Shrinkage Map.

REFERENCE 1

AutoCAD Civil 3D 2013 software, an Autodesk, Inc. product.

Cut/Fill Report

Generated: 2015-06-03 12:35:01

By user: chris.jordan

Drawing: Q:\Duke\DanRiver\7810140065_ABSAT Dan River Off Site
LF\Work\CJ\Landfill\Q:\Duke\DanRiver\7810140065_ABSAT Dan River Off Site LF\Work\CJ\Landfill\90% Volumes.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (acres)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
BOA VS. BOTTOM OF CLAY LINER	full	1.000	1.000	31.88	420398.50	121013.19	299385.31<Cut>

Totals							
				2d Area (acres)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total				31.88	420398.50	121013.19	299385.31<Cut>

* Value adjusted by cut or fill factor other than 1.0

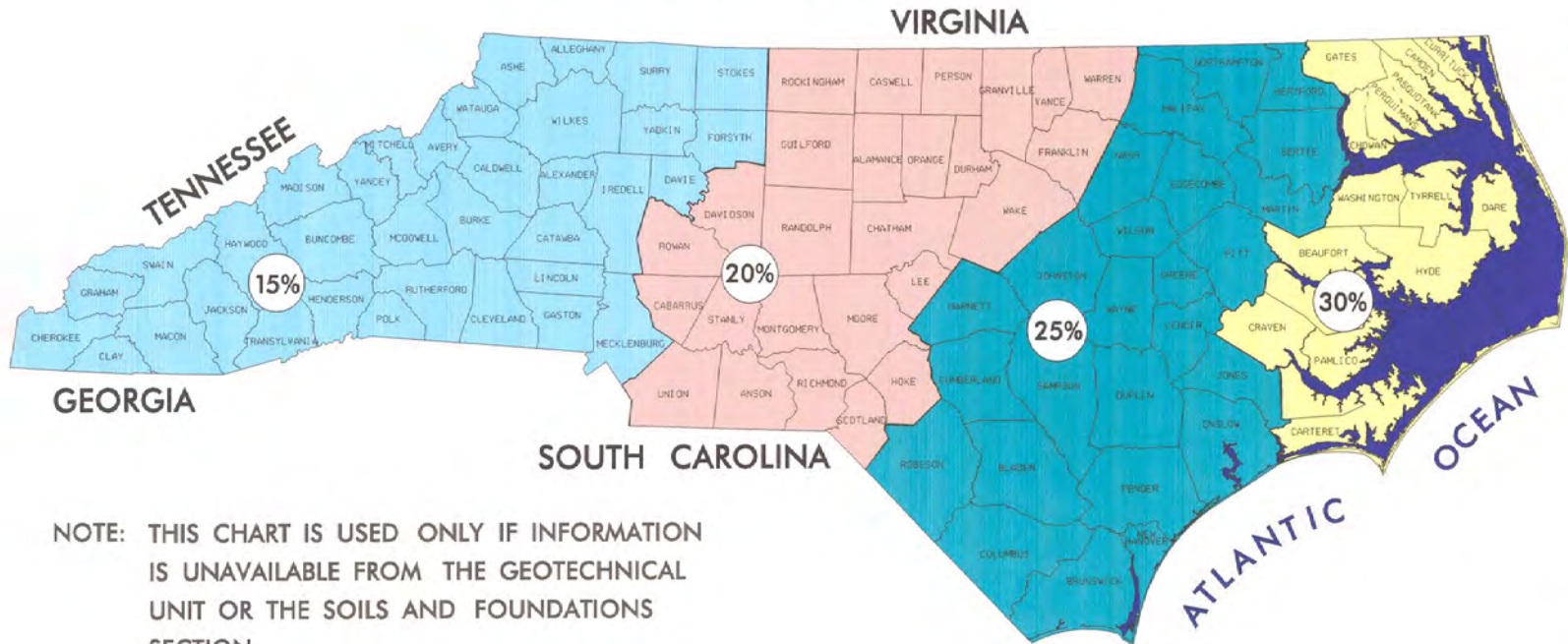
REFERENCE 2

North Carolina Department of Transportation Soil Shrinkage Map

North Carolina

SHRINKAGE FACTORS

(FOR THE EARTH PORTION OF UNCLASSIFIED
EXCAVATION USED TO CONSTRUCT EMBANKMENTS)



NOTE: THIS CHART IS USED ONLY IF INFORMATION IS UNAVAILABLE FROM THE GEOTECHNICAL UNIT OR THE SOILS AND FOUNDATIONS SECTION.

FIGURE 1

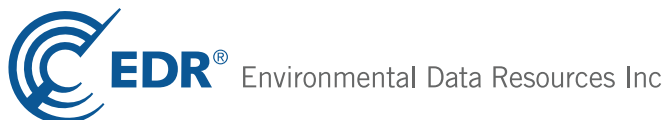
APPENDIX X

Environmental Data Resources Report

Dan River Steam Station
524 South Edgewood Road
Eden, NC 27288

Inquiry Number: 4256407.2s
April 07, 2015

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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 <u>GEOCHECK ADDENDUM</u>	
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Physical Setting Source Summary	A-2
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Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

524 SOUTH EDGEWOOD ROAD
EDEN, NC 27288

COORDINATES

Latitude (North): 36.4920000 - 36° 29' 31.20"
Longitude (West): 79.7193000 - 79° 43' 9.48"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 614710.8
UTM Y (Meters): 4039081.2
Elevation: 546 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36079-D6 SOUTHEAST EDEN, NC
Most Recent Revision: 1994

North Map: 36079-E6 NORTHEAST EDEN, NC VA
Most Recent Revision: 1997

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120531
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
524 SOUTH EDGEWOOD ROAD
EDEN, NC 27288

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	DUKE POWER (DAN RIVE	900 SOUTH EDGEWOOD R	AST	Lower	1 ft.
A2	DUKE POWER DAN RIVER	900 S. EDGEWOOD ROAD	SWF/LF, LUST, LAST, NPDES	Lower	1 ft.
A3	DAN RIVER POWER STAT	900 SOUTH EDGEWOOD R	COAL ASH EPA	Lower	1 ft.
A4	DAN RIVER STEAM STAT	900 SOUTH EDGEWOOD R	IMD, UST	Lower	1 ft.
A5	DUKE POWER - DAN RIV	864 S EDGEWOOD RD	RCRA-SQG, ICIS, FINDS	Lower	1 ft.
A6	DAN RIVER POWER STAT	900 SOUTH EDGEWOOD R	COAL ASH EPA	Lower	1 ft.
A7	DUKE POWER - DAN RIV	900 S.EDGEWOOD RD.	IMD	Lower	1 ft.
A8	DUKE POWER DAN RIVER	900 S. EDGEWOOD ROAD	IMD	Lower	1 ft.
A9	DUKE POWER-DAN RIVER	900 S. EDGEWOOD RD.	IMD	Lower	1 ft.
10	FIELDCREST CANNON-BL	NEW ST.	IMD, LUST	Higher	2110, 0.400, NE
B11	FIEDLCREST CANNON/DE	572 NEW STREET	IMD, LUST TRUST	Higher	2308, 0.437, ENE
B12	DECORATIVE BEDDING	572 NEW STREET	LUST, UST	Higher	2308, 0.437, ENE
13	FIELDCREST CANNON (F	326 E. STADIUM DRIVE	SHWS, IMD, LUST	Higher	3716, 0.704, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

NC HSDS..... Hazardous Substance Disposal Site

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

OLI..... Old Landfill Inventory

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... No Further Action Sites With Land Use Restrictions Monitoring

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2..... CERCLA Lien Information

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
SPILLS.....	Spills Incident Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch
SPILLS 80.....	SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Wells Listing
DRYCLEANERS.....	Drycleaning Sites
NPDES.....	NPDES Facility Location Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
Financial Assurance.....	Financial Assurance Information Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
COAL ASH.....	Coal Ash Disposal Sites
LEAD SMELTERS.....	Lead Smelter Sites
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank
RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DUKE POWER - DAN RIV</i>	<i>864 S EDGEWOOD RD</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>A5</i>	<i>19</i>

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environment & Natural Resources' Inactive Hazardous Sites Program.

A review of the SHWS list, as provided by EDR, and dated 01/02/2015 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIELDCREST CANNON (F) Facility Id: NCD003218203	326 E. STADIUM DRIVE	NW 1/2 - 1 (0.704 mi.)	13	50

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

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 12/29/2014 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUKE POWER DAN RIVER Facility Status: InactiveClosed Permit Num: 79B-LCID-	900 S. EDGEWOOD ROAD	0 - 1/8 (0.000 mi.)	A2	8

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 02/06/2015 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIELDCREST CANNON-BL Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 15104 Incident Number: 21283 Current Status: A	NEW ST.	NE 1/4 - 1/2 (0.400 mi.)	10	43
DECORATIVE BEDDING Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 30432 Current Status: A	572 NEW STREET	ENE 1/4 - 1/2 (0.437 mi.)	B12	48
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUKE POWER DAN RIVER Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 18348 Incident Number: 6233 Current Status: A	900 S. EDGEWOOD ROAD	0 - 1/8 (0.000 mi.)	A2	8

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 01/09/2015 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIEDLCREST CANNON/DE Facility Id: 0-018212 Site ID: 30432	572 NEW STREET	ENE 1/4 - 1/2 (0.437 mi.)	B11	46

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

A review of the LAST list, as provided by EDR, and dated 02/06/2015 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUKE POWER DAN RIVER Close Out: 12/31/1996 Close Out: 05/01/2006 Close Out: 12/06/2013 Incident Number: 3543 Incident Number: 87747 Incident Number: 95109 Current Status: A Current Status: C	900 S. EDGEWOOD ROAD	0 - 1/8 (0.000 mi.)	A2	8

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 02/06/2015 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAN RIVER STEAM STAT Tank Status: Removed Facility Id: 00-0-0000018964	900 SOUTH EDGEWOOD R	0 - 1/8 (0.000 mi.)	A4	17

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 03/23/2015 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUKE POWER (DAN RIVE) Facility Id: 79017	900 SOUTH EDGEWOOD R	0 - 1/8 (0.000 mi.)	A1	8

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/21/2006 has revealed that there are 6 IMD sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FIELDCREST CANNON-BL</i> Facility Id: 15104	<i>NEW ST.</i>	<i>NE 1/4 - 1/2 (0.400 mi.)</i>	<i>10</i>	<i>43</i>
<i>FIEDLCREST CANNON/DE</i> Facility Id: 30432	<i>572 NEW STREET</i>	<i>ENE 1/4 - 1/2 (0.437 mi.)</i>	<i>B11</i>	<i>46</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DAN RIVER STEAM STAT</i> Facility Id: 6233	<i>900 SOUTH EDGEWOOD R</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>A4</i>	<i>17</i>
DUKE POWER - DAN RIV Facility Id: 3543	900 S.EDGEWOOD RD.	0 - 1/8 (0.000 mi.)	A7	39
DUKE POWER DAN RIVER Facility Id: 87747	900 S. EDGEWOOD ROAD	0 - 1/8 (0.000 mi.)	A8	41
DUKE POWER-DAN RIVER Facility Id: 18348	900 S. EDGEWOOD RD.	0 - 1/8 (0.000 mi.)	A9	42

Other Ascertainable Records

COAL ASH EPA: A listing of coal combustion residues surface impoundments with high hazard potential ratings.

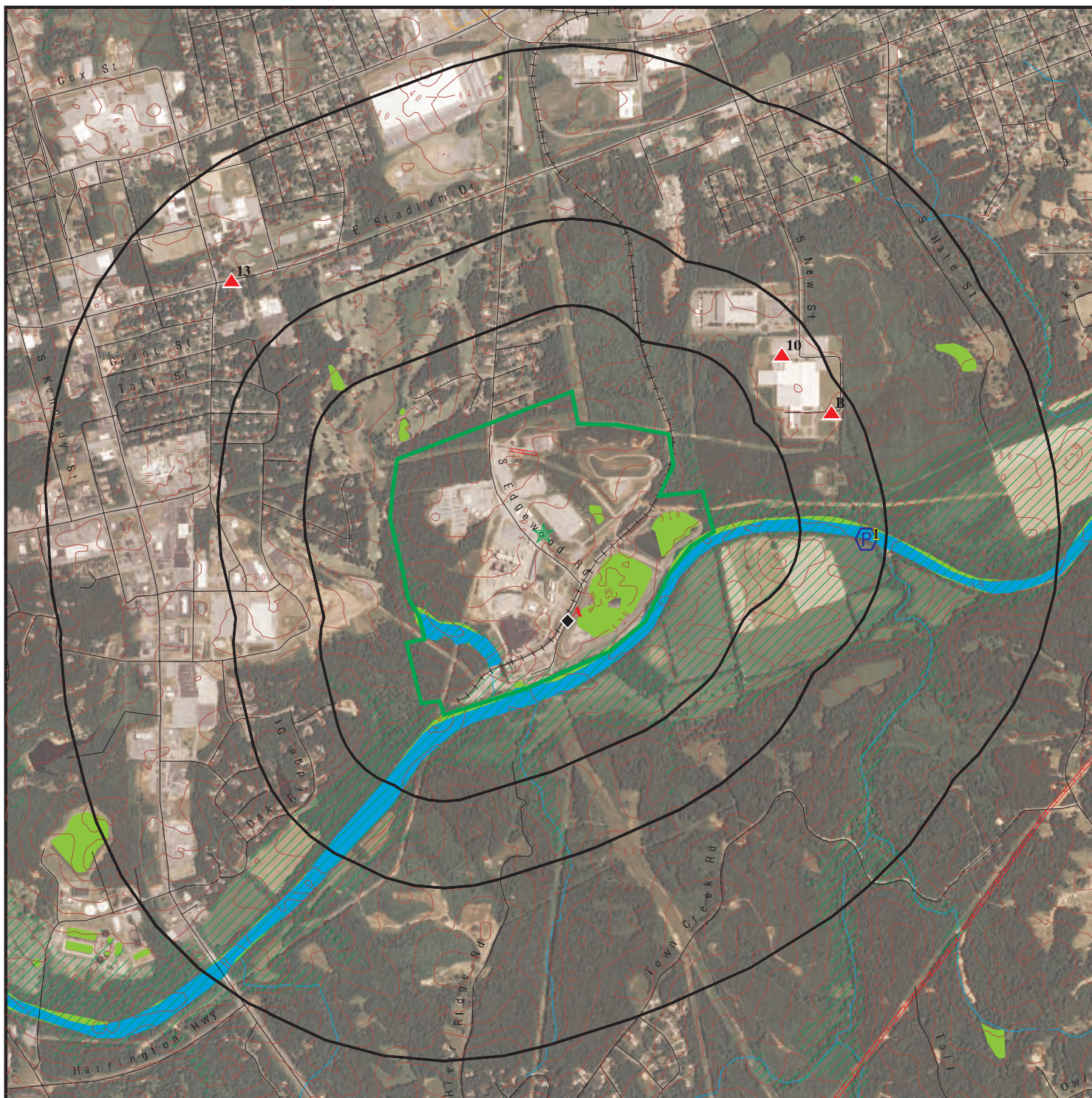
A review of the COAL ASH EPA list, as provided by EDR, and dated 07/01/2014 has revealed that there are 2 COAL ASH EPA sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAN RIVER POWER STAT	900 SOUTH EDGEWOOD R	0 - 1/8 (0.000 mi.)	A3	16
DAN RIVER POWER STAT	900 SOUTH EDGEWOOD R	0 - 1/8 (0.000 mi.)	A6	39

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4256407.2S



Target Property

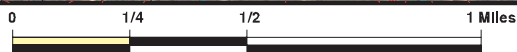
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Hazardous Substance Disposal Sites

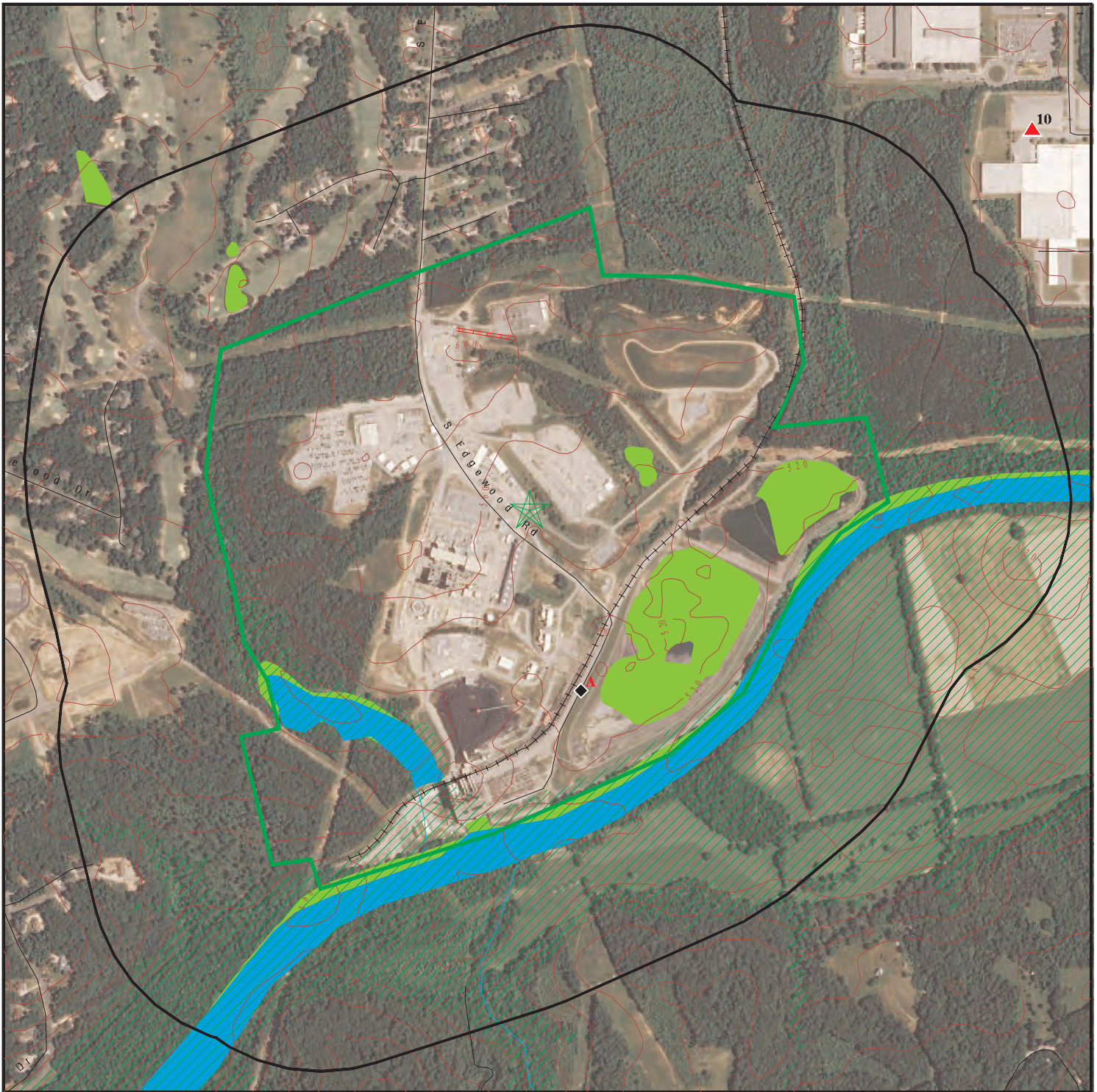


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Dan River Steam Station
 ADDRESS: 524 South Edgewood Road
 Eden NC 27288
 LAT/LONG: 36.492 / 79.7193

CLIENT: AMEC Environment & Infrastructure, Inc.
 CONTACT: Matt Miller
 INQUIRY #: 4256407.2s
 DATE: April 07, 2015 10:49 am

DETAIL MAP - 4256407.2S



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 from USGS

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: Dan River Steam Station
 ADDRESS: 524 South Edgewood Road
 Eden NC 27288
 LAT/LONG: 36.492 / 79.7193

CLIENT: AMEC Environment & Infrastructure, Inc.
 CONTACT: Matt Miller
 INQUIRY #: 4256407.2s
 DATE: April 07, 2015 10:50 am

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST	0.500		0	0	1	NR	NR	1
LAST	0.500		1	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		4	0	2	NR	NR	6
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
DOT OPS	TP		NR	NR	NR	NR	NR	0	
DOD	1.000		0	0	0	0	NR	0	
FUDS	1.000		0	0	0	0	NR	0	
CONSENT	1.000		0	0	0	0	NR	0	
ROD	1.000		0	0	0	0	NR	0	
UMTRA	0.500		0	0	0	NR	NR	0	
US MINES	0.250		0	0	NR	NR	NR	0	
TRIS	TP		NR	NR	NR	NR	NR	0	
TSCA	TP		NR	NR	NR	NR	NR	0	
FTTS	TP		NR	NR	NR	NR	NR	0	
HIST FTTS	TP		NR	NR	NR	NR	NR	0	
SSTS	TP		NR	NR	NR	NR	NR	0	
ICIS	TP		NR	NR	NR	NR	NR	0	
PADS	TP		NR	NR	NR	NR	NR	0	
MLTS	TP		NR	NR	NR	NR	NR	0	
RADINFO	TP		NR	NR	NR	NR	NR	0	
FINDS	TP		NR	NR	NR	NR	NR	0	
RAATS	TP		NR	NR	NR	NR	NR	0	
RMP	TP		NR	NR	NR	NR	NR	0	
UIC	TP		NR	NR	NR	NR	NR	0	
DRYCLEANERS	0.250		0	0	NR	NR	NR	0	
NPDES	TP		NR	NR	NR	NR	NR	0	
INDIAN RESERV	1.000		0	0	0	0	NR	0	
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0	
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0	
COAL ASH EPA	0.500		2	0	0	NR	NR	2	
US AIRS	TP		NR	NR	NR	NR	NR	0	
Financial Assurance	TP		NR	NR	NR	NR	NR	0	
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0	
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0	
COAL ASH	0.500		0	0	0	NR	NR	0	
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0	
PRP	TP		NR	NR	NR	NR	NR	0	
2020 COR ACTION	0.250		0	0	NR	NR	NR	0	
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0	
<u>EDR HIGH RISK HISTORICAL RECORDS</u>									
<i>EDR Exclusive Records</i>									
EDR MGP	1.000		0	0	0	0	NR	0	
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0	
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0	
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>									
<i>Exclusive Recovered Govt. Archives</i>									
RGA LF	TP		NR	NR	NR	NR	NR	0	
RGA LUST	TP		NR	NR	NR	NR	NR	0	
RGA HWS	TP		NR	NR	NR	NR	NR	0	
- Totals --			0	15	0	5	1	0	18

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **DUKE POWER (DAN RIVER STEAM STATION)**
900 SOUTH EDGEWOOD ROAD
EDEN, NC 27288

AST **A100187829**
N/A

< 1/8
1 ft.

Site 1 of 9 in cluster A

Relative:
Lower

AST:

Facility Id: 79017
Registration Number: 79402017
Certificate Number: Not reported
Status Change: Not reported
Date Change: Not reported
Date Application Received: 11-24-99
Owner Name: Not reported
Facility Phone: (336) 6351321
Coordinate Source: Not reported
Certificate of Registration Issued: Not reported
Lat/Long: Not reported

Actual:
525 ft.

A2 **DUKE POWER DAN RIVER STEAM STATION**
900 S. EDGEWOOD ROAD
EDEN, NC 27288

SWF/LF **S108280331**
LUST **N/A**
LAST
NPDES

< 1/8
1 ft.

Site 2 of 9 in cluster A

Relative:
Lower

LF:

Permit Num: 79B-LCID-
Waste: LCID
Activity: LF
Contact Name: Grayling Vandervelde
Contact Telephone: 336.875.5021
Facility Status: InactiveClosed

Actual:
525 ft.

LUST:

Facility ID: 00-0-000
UST Number: WS-5339
Incident Number: 18348
Contamination Type: Groundwater/Both
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 11/24/1997
Date Occur: 12/12/1997
Cleanup: 12/12/1997
Closure Request: Not reported
Close Out: 11/01/2005
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 03/06/1998
Site Priority: E020
Phase Of LSA Req: Not reported
Site Risk Reason: Surface water
Land Use: Not reported
MTBE: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: 12/06/2005
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 247
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Y
Valid: False
Lat/Long Decimal: 36.4862 -79.7206
Testlat: Not reported
Regional Officer Project Mgr: SYW
Region: Winston-Salem
Company: DUKE POWER COMPANY
Contact Person: TAMARA CARPENTER
Telephone: Not reported
RP Address: 13339 HAGERS FERRY ROAD
RP City,St,Zip: HUNTERSVILLE, NC 28078
RP County: Not reported
Comments: Monitoring report 8/26/2004 is located on CD# WS-5339.
5 Min Quad: Not reported
Last Modified: 1999-01-27 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 1999-01-08 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Facility ID: 00-0-000
UST Number: WS-2711
Incident Number: 6233
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 07/19/1990
Date Occur: 07/19/1990
Cleanup: 07/19/1990
Closure Request: Not reported
Close Out: 05/09/2006
Level Of Soil Cleanup Achieved: Industrial/Commercial
Tank Regulated Status: Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 07/20/1990
Site Priority: C020
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Industrial/commercial
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 333
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 36.4860 -79.7208
Testlat: Not reported
Regional Officer Project Mgr: SYW
Region: Winston-Salem
Company: DUKE POWER COMPANY
Contact Person: DUKE POWER COMPANY
Telephone: Not reported
RP Address: 422 SOUTH CHURCH ST
RP City,St,Zip: CHARLOTTE, NC 28233
RP County: Not reported
Comments: NFA letter sent on 5/9/06, completed public notice and moved to filing code 5 on 6/13/2006.
5 Min Quad: Not reported
Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

LAST:
Facility ID: Not reported
UST Number: WS-3543
Incident Number: 3543
Contamination Type: NO
Source Type: 17

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Product Type: N
Date Reported: 10/29/1988
Date Occur: 09/11/1988
Cleanup: Not reported
Closure Request: Not reported
Close Out: 12/31/1996
Level Of Soil Cleanup Achieved: S2
Tank Regulated Status: Not reported
Of Supply Wells: 0
Commercial/NonCommercial UST Site: Not reported
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: 90
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: IND
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: A
RBCA GW: G2
PETOPT: Not reported
RPL: False
CD Num: 335
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long: 36 29 79 43
Lat/Long Decimal: 36.48777 -79.71833
Testlat: Not reported
Regional Officer Project Mgr: WWW
Region: WS
Company: DUKE POWER COMPANY
Contact Person: Not reported
Telephone: Not reported
RP Address: PO BOX 33187/422 S. CHURCH ST.
RP City,St,Zip: CHARLOTTE, NC
RP County: Not reported
Comments: Actual discovery date is 9/11/1987 and report date is 10/29/1987. NFA
letter not found in file.
5 Min Quad: Not reported

PIRF:

Facility Id: 3543
Date Occurred: Not reported
Date Reported: Not reported
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Operation Type: 8
Type: Not reported
Location: Not reported
Site Priority: 90C
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: 0

Last Modified: 12/31/1996
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Facility ID: Not reported
UST Number: WS-87747
Incident Number: 87747
Contamination Type: NO
Source Type: 14
Product Type: N
Date Reported: 02/27/2006
Date Occur: 02/27/2006
Cleanup: Not reported
Closure Request: Not reported
Close Out: 05/01/2006
Level Of Soil Cleanup Achieved: S2
Tank Regulated Status: Not reported
Of Supply Wells: 0
Commercial/NonCommercial UST Site: Not reported
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: IND
MTBE: No
MTBE1: Unknown
Flag: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: A
RBCA GW: G1
PETOPT: Not reported
RPL: False
CD Num: 335
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long: 36 29 79 43
Lat/Long Decimal: 36.48767 -79.72060
Testlat: Not reported
Regional Officer Project Mgr: CDD
Region: WS
Company: DUKE ENERGY
Contact Person: JESSICA BENARCİK
Telephone: Not reported
RP Address: P.O. BOX 1006
RP City,St,Zip: CHARLOTTE, NC 282011006
RP County: Not reported
Comments: An AST line leaked diesel into the subsurface near a building wall. Contaminated soil excavated where possible with some contamination being left. A closed UST site is located approximately 60 feet to the west of the spill area. Seven monitoring wells are in place as part of the UST site investigation. Aquifer Protection Section required one round of monitoring of these wells. Incident closed out with no further action deemed necessary. All monitoring wells are required to remain in place. NFA issued 5/1/2006.

5 Min Quad: Not reported

PIRF:
Facility Id: 87747
Date Occurred: Not reported
Date Reported: Not reported
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 5
Operation Type: 7
Type: Not reported
Location: Not reported
Site Priority: E
Priority Update: Not reported
Wells Affected Y/N: Not reported
Samples Include: Not reported
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Last Modified: 5/1/2006
Incident Phase: **CO**
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Facility ID: Not reported
UST Number: WS-88256
Incident Number: 95109
Contamination Type: SL
Source Type: 14
Product Type: P
Date Reported: 04/12/2010
Date Occur: 03/26/2010
Cleanup: Not reported
Closure Request: Not reported
Close Out: 12/06/2013
Level Of Soil Cleanup Achieved: S1
Tank Regulated Status: Not reported
Of Supply Wells: 0
Commercial/NonCommercial UST Site: Not reported
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 2
Site Risk Reason: Not reported
Land Use: IND
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: C
RBCA GW: G1
PETOPT: 4
RPL: False
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: False
Lat/Long: 36 29 79 43
Lat/Long Decimal: 36.49036 79.719949
Testlat: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Regional Officer Project Mgr: MJR
Region: WS
Company: Duke Energy
Contact Person: Christopher Hallman
Telephone: Not reported
RP Address: Mail Code EC13K
RP City,St,Zip: Charlotte, NC 28202
RP County: Not reported
Comments: TAST system leak. Soils that are economically and technically feasible have been excavated. Groundwater monitoring wells will be installed after construction of new fuel loading station. No water supply wells within 1500'. Site priority is low at this time. Groundwater in MW-1, MW-2 and MW-3 below 2L. Cointaminated soils taken as Non-Hazardous to CMS Landfill in Concord, NC. Site is NOT CLOSED OUT!!!

5 Min Quad: Not reported

PIRF:

Facility Id: 95109
Date Occurred: 3/26/2010
Date Reported: 4/20/2010
Description Of Incident: soil contamination found at AST system
Owner/Operator: Not reported
Ownership: 4
Operation Type: 3
Type: 4
Location: 8
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: n
Samples Include: Not reported
7#5 Minute Quad: y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 4
Cause: Not reported
Source: Not reported
Ust Number: E

Last Modified: 12/3/2013
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: 4/23/2010
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

NPDES:

Permit Number: NC0003468
Permit Status: None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DUKE POWER DAN RIVER STEAM STATION (Continued)

S108280331

Permit Type: Industrial Process & Commercial
 Issue Date: Not reported
 Region: Winston-Salem
 Owner Name: Duke Energy Carolinas LLC
 Class: MAJOR
 Applied: 08/04/2014
 Drafted: Not reported
 Expires: 04/30/2017
 Subbasin: 03-02-03
 Receiving Stream: DAN RIVER (North Carolina portion)
 Comments: Not reported
 As-Built Flow (GPD): Not reported
 Domestic %: Not reported
 Industrial %: Not reported
 Stormwater %: Not reported
 Permitted Flow (GPD): Not reported
 Program Category: Not reported
 Project Type: Not reported
 Is Major Permit: Not reported
 Date Assigned: sergei.chernikov
 Organization Name: Not reported
 Outfall: Not reported
 Discharge Via: Not reported
 Stream Classification: Not reported

A3

**DAN RIVER POWER STATION
 900 SOUTH EDGEWOOD ROAD
 EDEN, NC 27288**

**COAL ASH EPA 1012193881
 N/A**

< 1/8
 1 ft.

Site 3 of 9 in cluster A

**Relative:
 Lower**

COAL ASH EPA:
 Company: DUKE ENERGY CORP
 6 Reg Assessment Adequate: Not reported
 Mailing: 1st
 Site Visit: round 1
 Orig Hazard Potential Rating: Not reported
 Current Hazard Potential Rating: Not reported
 Assessment Round: Not reported
 Units: Secondary Pond
 Boiler slag: TRUE
 Bottom ash: TRUE
 Corrective measures: FALSE
 Expansion(s): Not reported
 FGD: TRUE
 Fly ash: TRUE
 Hazard potential: High
 Historical releases (A): FALSE
 Historical releases (B): Not reported
 Identified additional data: Not reported
 Last company assessment: 11/2006
 Next company assessment: Not reported
 Last regulatory inspection: Not reported
 Next regulatory inspection: Not reported
 Other residuals: Not reported
 PE constructed: TRUE
 PE design: TRUE
 PE monitored: FALSE

**Actual:
 525 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAN RIVER POWER STATION (Continued)

1012193881

Significant deficiencies: Not reported
 Significant deficiencies identified: FALSE
 Surface area (acre): 12
 Storage capacity (acre ft): 187
 Unit height (ft): 27
 Year commissioned: 1980

A4

**DAN RIVER STEAM STATION
 900 SOUTH EDGEWOOD ROAD
 EDEN, NC 27288**

**IMD U003136955
 UST N/A**

< 1/8
 1 ft.

Site 4 of 9 in cluster A

**Relative:
 Lower**

IMD:

Region: WS
 Facility ID: 6233
 Date Occurred: 7/2/1990
 Submit Date: 1/10/1991
 GW Contam: Not reported
 Soil Contam: Yes
 Incident Desc: TWO SOIL SAMPLES TAKEN UPON REMOVAL OF UST INDICATED CONTAMINANT
 LEVELS ABOVE NORMAL

**Actual:
 525 ft.**

Operator: DUKE POWER COMPANY
 Contact Phone: Not reported
 Owner Company: DUKE POWER COMPANY
 Operator Address: 422 SOUTH CHURCH ST
 Operator City: CHARLOTTE
 Oper City, St, Zip: CHARLOTTE, NC 28233
 Ownership: Private
 Operation: Commercial
 Material: LEADED GASOLINE
 Qty Lost 1: Not reported
 Qty Recovered 1: UNK
 Source: Leak-underground
 Type: Gasoline/diesel
 Location: Facility
 Setting: Not reported
 Risk Site: Yes
 Site Priority: 020C
 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: C52
 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: 6233

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAN RIVER STEAM STATION (Continued)

U003136955

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

UST:

Facility Id: 00-0-0000018964
Contact: DUKE POWER CO/ATTN DWIGHT LITTLE
Contact Address1: PO BOX 1066 - MAILCODE: EC13K
Contact Address2: Not reported
Contact City/State/Zip: CHARLOTTE, NC 28201-1006
FIPS County Desc: Rockingham
Latitude: 0
Longitude: 0

Tank Id: 1
Tank Status: Removed
Installed Date: 05/15/1949
Perm Close Date: 01/01/1984
Product Key: 1
Product Name: Diesel
Tank Capacity: 500
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 2
Tank Status: Removed
Installed Date: 05/06/1985
Perm Close Date: 11/11/1997
Product Key: 3
Product Name: Gasoline, Gas Mix
Tank Capacity: 2000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Tank Construction: Single Wall Steel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DAN RIVER STEAM STATION (Continued)

U003136955

Piping Construction: Single Wall Steel
 Piping System Key: Unknown
 Other CP Tank: Not reported

Tank Id: 3
 Tank Status: Removed
 Installed Date: 05/15/1949
 Perm Close Date: 06/25/1990
 Product Key: 3
 Product Name: Gasoline, Gas Mix
 Tank Capacity: 500
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: Not reported
 Commercial: Yes
 Regulated: Yes
 Tank Construction: Single Wall Steel
 Piping Construction: Single Wall Steel
 Piping System Key: Unknown
 Other CP Tank: Not reported

Tank Id: 4
 Tank Status: Removed
 Installed Date: 05/15/1949
 Perm Close Date: 12/31/1989
 Product Key: 2
 Product Name: Fuel Oil
 Tank Capacity: 30000
 Root Tank Id: Not reported
 Main Tank: No
 Compartment Tank: No
 Manifold Tank: Not reported
 Commercial: Yes
 Regulated: No
 Tank Construction: Single Wall Steel
 Piping Construction: Single Wall Steel
 Piping System Key: Unknown
 Other CP Tank: Not reported

A5 **DUKE POWER - DAN RIVER STEAM STATION**
864 S EDGEWOOD RD
EDEN, NC 27288

RCRA-SQG 1004549036
ICIS NCD024668535
FINDS

< 1/8
 1 ft.

Site 5 of 9 in cluster A

**Relative:
 Lower**

RCRA-SQG:
 Date form received by agency: 11/07/2012
 Facility name: DUKE ENERGY CAROLINAS LLC - DAN RIVER COMBINED CYCLE STATION
 Facility address: 864 S EDGEWOOD RD
 EDEN, NC 27288
 EPA ID: NCD024668535
 Mailing address: S EDGEWOOD RD
 EDEN, NC 27288
 Contact: DAVID M BROOKS
 Contact address: S EDGEWOOD RD

**Actual:
 525 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Contact country: EDEN, NC 27288
US
Contact telephone: 336-637-1370
Contact email: DAVID.BROOKS@DUKE-ENERGY.COM
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: DUKE ENERGY CAROLINAS LLC
Owner/operator address: S CHURCH ST
CHARLOTTE, NC 28202
Owner/operator country: US
Owner/operator telephone: 704-594-6200
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/11/1949
Owner/Op end date: Not reported

Owner/operator name: DUKE ENERGY CAROLINAS LLC
Owner/operator address: S CHURCH ST
CHARLOTTE, NC 28202
Owner/operator country: US
Owner/operator telephone: 704-594-6200
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/11/1949
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/10/2003
Site name: DUKE POWER - DAN RIVER STEAM STATION
Classification: Conditionally Exempt Small Quantity Generator
Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D005
- . Waste name: BARIUM
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D010
- . Waste name: SELENIUM
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D026
- . Waste name: CRESOL
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED 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 NONHALOGENATED 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: U133
. Waste name: HYDRAZINE (R,T)

Date form received by agency: 04/24/2002

Site name: DUKE POWER DAN RIVER STEAM STATION

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D026
- . Waste name: CRESOL

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

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

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROETHANE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROETHYLENE, 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

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DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

Date form received by agency: 07/24/1996
Site name: DUKE POWER DAN RIVER STEAM STATION
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

ICIS:

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: E-PLAN FATR2012LDSS7K20634T7
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: FRS 110000345993
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: NC-FITS 2271
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: NEI NEI46222
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina

Map ID
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Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: RCRAINFO NCD024668535
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: TRIS 27288DKNRG900SE
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: EIA-860 2723
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: EGRID 2723
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM

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EDR ID Number
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DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: E-GGRT 1000833
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: CAMDBS 2723
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: BOILER 913699
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2014-3762
FRS ID: 110000345993
Program ID: EIS 8009611
Action Name: EDEN ASH SPILL DBA DUKE COAL ASH SPILL (NATIONAL CASE) (LEAD)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: EIA-860 2723

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EDR ID Number
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DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: EGRID 2723
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: E-GGRT 1000833
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: CAMDBS 2723
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: BOILER 913699
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD

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DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

EDEN, NC 27288-3659
Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: EIS 8009611
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: TRIS 27288DKNRG900SE
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: RCRAINFO NCD024668535
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: NEI NEI46222
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

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Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: NC-FITS 2271
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: FRS 110000345993
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 04-2000-0278
FRS ID: 110000345993
Program ID: E-PLAN FATR2012LDSS7K20634T7
Action Name: DUKE ENERGY CORP. (REFERRAL)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: Civil Judicial Action
Facility County: ROCKINGHAM
EPA Region #: 4

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: RCRAINFO NCD024668535
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: NEI NEI46222
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659

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Database(s)

EDR ID Number
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DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3
Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: NC-FITS 2271
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3
Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: FRS 110000345993
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3
Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: E-PLAN FATR2012LDSS7K20634T7
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3
Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: TRIS 27288DKNRG900SE
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery

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Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: CAMDBS 2723
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: E-GGRT 1000833
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: EGRID 2723
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: EIA-860 2723
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993

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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Program ID: EIS 8009611
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Enforcement Action ID: 03-2014-9002
FRS ID: 110000345993
Program ID: BOILER 913699
Action Name: DUKE ENERGY CAROLINA, LLC (NATIONAL CASE)
Full Address: 864 S EDGEWOOD RD EDEN NC 27288-3659
State: North Carolina
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Facility Address: 864 S EDGEWOOD RD
EDEN, NC 27288-3659

Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ROCKINGHAM
EPA Region #: 3

Program ID: BOILER 913699
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: CAMDBS 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: E-GGRT 1000833
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: E-PLAN FATR2012LDSS7K20634T7
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

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EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Program ID: EGRID 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: EIA-860 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: EIS 8009611
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: FRS 110000345993
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: NC-FITS 2271
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: NEI NEI46222
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: RCRAINFO NCD024668535
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: TRIS 27288DKNRG900SE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: BOILER 913699
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: CAMDBS 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: E-GGRT 1000833
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: E-PLAN FATR2012LDSS7K20634T7
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: EGRID 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: EIA-860 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: EIS 8009611
Facility Name: DUKE POWER - DAN RIVER STEAM STATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: FRS 110000345993
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: NC-FITS 2271
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: NEI NEI46222
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: RCRAINFO NCD024668535
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: TRIS 27288DKNRG900SE
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: BOILER 913699
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: CAMDBS 2723
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	E-GGRT 1000833
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	E-PLAN FATR2012LDSS7K20634T7
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	EGRID 2723
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	EIA-860 2723
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	EIS 8009611
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	FRS 110000345993
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	4911
Program ID:	NC-FITS 2271
Facility Name:	DUKE POWER - DAN RIVER STEAM STATION
Address:	864 S EDGEWOOD RD
Tribal Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: NEI NEI46222
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: RCRAINFO NCD024668535
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

Program ID: TRIS 27288DKNRG900SE
Facility Name: DUKE POWER - DAN RIVER STEAM STATION
Address: 864 S EDGEWOOD RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4911

FINDS:

Registry ID: 110000345993

Environmental Interest/Information System

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US EPA 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.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

ELECTRIC GENERATOR

AIR MAJOR

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include;

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DUKE POWER - DAN RIVER STEAM STATION (Continued)

1004549036

Incident Tracking, Compliance Assistance, and Compliance Monitoring.

GREENHOUSE GAS REPORTER

A6
 < 1/8
 1 ft.

DAN RIVER POWER STATION
900 SOUTH EDGEWOOD ROAD
EDEN, NC 27288

COAL ASH EPA

1012193880
N/A

Site 6 of 9 in cluster A

Relative:
Lower

COAL ASH EPA:	
Company:	DUKE ENERGY CORP
6 Reg Assessment Adequate:	Not reported
Mailing:	1st
Site Visit:	round 1
Orig Hazard Potential Rating:	Not reported
Current Hazard Potential Rating:	Not reported
Assessment Round:	Not reported
Units:	Primary Pond
Boiler slag:	TRUE
Bottom ash:	TRUE
Corrective measures:	FALSE
Expansion(s):	Not reported
FGD:	TRUE
Fly ash:	TRUE
Hazard potential:	High
Historical releases (A):	FALSE
Historical releases (B):	Not reported
Identified additional data:	Not reported
Last company assessment:	11/2006
Next company assessment:	Not reported
Last regulatory inspection:	Not reported
Next regulatory inspection:	Not reported
Other residuals:	Not reported
PE constructed:	TRUE
PE design:	TRUE
PE monitored:	FALSE
Significant deficiencies:	Not reported
Significant deficiencies identified:	FALSE
Surface area (acre):	27
Storage capacity (acre ft):	477
Unit height (ft):	60
Year commissioned:	1980

Actual:
525 ft.

A7
 < 1/8
 1 ft.

DUKE POWER - DAN RIVER
900 S.EDGEWOOD RD.
EDEN, NC

IMD

S105911888
N/A

Site 7 of 9 in cluster A

Relative:
Lower

IMD:	
Region:	WS
Facility ID:	3543
Date Occurred:	9/11/1987
Submit Date:	2/19/2001

Actual:
525 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER - DAN RIVER (Continued)

S105911888

GW Contam: No Groundwater Contamination detected
Soil Contam: Not reported
Incident Desc: Not reported
Operator: ,
Contact Phone: Not reported
Owner Company: DUKE POWER COMPANY
Operator Address: PO BOX 33187/422 S. CHURCH ST.
Operator City: CHARLOTTE
Oper City,St,Zip: CHARLOTTE, NC
Ownership: Federal
Operation: 8
Material: FUEL OIL
Qty Lost 1: Not reported
Qty Recovered 1: UNK
Source: Unknown
Type: Other petroleum product
Location: Facility
Setting: Industrial
Risk Site: Not reported
Site Priority: 90
Priority Code: C
Priority Update: Not reported
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: Not reported
Latitude: 79.718333
Longitude: -36.487777
Latitude Number: Not reported
Longitude Number: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
GPS: EST
Agency: DWQ
Facility ID: 3543
Last Modified: 2/19/2001
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A8 **DUKE POWER DAN RIVER STEAM STA**
900 S. EDGEWOOD ROAD
EDEN, NC

IMD S107998555
N/A

< 1/8
1 ft.

Site 8 of 9 in cluster A

Relative:
Lower

IMD:

Actual:
525 ft.

Region: WS
Facility ID: 87747
Date Occurred: 2/27/2006
Submit Date: 5/2/2006
GW Contam: No data entered (data entry person submitted a blank field)
Soil Contam: Not reported
Incident Desc: An AST line leaked diesel into the subsurface near a building wall.
Contaminated soil excavated where possible with some contamination
being left. A closed UST
Operator: Benarcik, Jessica
Contact Phone: 704-382-8768
Owner Company: Duke Energy
Operator Address: P.O. Box 1006
Operator City: Charlotte
Oper City, St, Zip: Charlotte, NC 704-382-8768
Ownership: Federal
Operation: Mining
Material: Not reported
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Dredge Spoil
Type: Heating Oil
Location: Not reported
Setting: Not reported
Risk Site: Not reported
Site Priority: Not reported
Priority Code: E
Priority Update: Not reported
Dem Contact: Collin Day
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: 36.48768
Longitude: -79.7206
Latitude Number: 0
Longitude Number: 0
Latitude Decimal: 0
Longitude Decimal: 0
GPS: CALC
Agency: DWQ
Facility ID: 87747
Last Modified: 5/2/2006
Incident Phase: Closed Out
NOV Issued: 3/3/2006
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER DAN RIVER STEAM STA (Continued)

S107998555

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

A9

**DUKE POWER-DAN RIVER CO.
900 S. EDGEWOOD RD.
EDEN, NC**

**IMD S103040500
N/A**

**< 1/8
1 ft.**

Site 9 of 9 in cluster A

**Relative:
Lower**

IMD:

**Actual:
525 ft.**

Region: WS
Facility ID: 18348
Date Occurred: 11/24/1997
Submit Date: 3/9/1998
GW Contam: Not reported
Soil Contam: Yes
Incident Desc: UPON REMOVAL OF UST, SOIL CONTAM. WAS CONFIRMED.
Operator: TAMARA CARPENTER
Contact Phone: Not reported
Owner Company: DUKE POWER COMPANY
Operator Address: 13339 HAGERS FERRY ROAD
Operator City: HUNTERSVILLE
Oper City, St, Zip: HUNTERSVILLE, NC 28078
Ownership: Private
Operation: Industrial
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: I
Priority Code: I
Priority Update: 4/26/1999
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: C52
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: 18348
Last Modified: 1/27/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUKE POWER-DAN RIVER CO. (Continued)

S103040500

Incident Phase: Follow Up
NOV Issued: Not reported
NORR Issued: 1/8/1999
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

**10
NE
1/4-1/2
0.400 mi.
2110 ft.**

**FIELDCREST CANNON-BLANKET MFG
NEW ST.
EDEN, NC 27288**

**IMD S102001136
LUST N/A**

**Relative:
Higher**

IMD:

**Actual:
568 ft.**

Region: WS
Facility ID: 15104
Date Occurred: 12/18/1994
Submit Date: 2/9/1996
GW Contam: Not reported
Soil Contam: Yes
Incident Desc: UPON TANK REMOVAL SOIL CONTAM. WAS CONFIRMED.
Operator: Not reported
Contact Phone: Not reported
Owner Company: FIELDCREST CANNON, INC.
Operator Address: P. O. BOX 107
Operator City: KANNAPOLIS
Oper City, St, Zip: KANNAPOLIS, NC 28082
Ownership: Private
Operation: Industrial
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: Residential
Risk Site: Yes
Site Priority: E000
Priority Code: L
Priority Update: 5/8/1998
Dem Contact: Not reported
Wells Affected: No
Num Affected: 0
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
7.5 Min Quad: Not reported
5 Min Quad: B52
Latitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIELDCREST CANNON-BLANKET MFG (Continued)

S102001136

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: 15104
Last Modified: 5/3/2001
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 3/19/2001

LUST:

Facility ID: 00-0-000
UST Number: WS-4661
Incident Number: 15104
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 12/18/1994
Date Occur: 12/12/1994
Cleanup: 09/30/2001
Closure Request: Not reported
Close Out: 03/19/2001
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: E000
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIELDCREST CANNON-BLANKET MFG (Continued)

S102001136

CD Num: 121
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 36.5097 -79.7099
Testlat: Not reported
Regional Officer Project Mgr: SYW
Region: Winston-Salem
Company: FIELDCREST CANNON, INC.
Contact Person: Not reported
Telephone: Not reported
RP Address: P. O. BOX 107
RP City,St,Zip: KANNAPOLIS, NC 28082
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported
Last Modified: 2001-05-03 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
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: 2001-03-19 00:00:00

Facility ID: 00-0-000
UST Number: WS-5895
Incident Number: 21283
Contamination Type: Not reported
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 07/08/1992
Date Occur: 07/08/1992
Cleanup: 09/30/2001
Closure Request: 1993-01-02 00:00:00
Close Out: 02/10/2000
Level Of Soil Cleanup Achieved: Industrial/Commercial
Tank Regulated Status: Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Industrial/commercial
MTBE: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIELDCREST CANNON-BLANKET MFG (Continued)

S102001136

MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to 2L.0202 standards
PETOPT: 3
RPL: False
CD Num: 121
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 36.5008 -79.7097
Testlat: Not reported
Regional Officer Project Mgr: KCG
Region: Winston-Salem
Company: FIELDCREST CANNON, INC.
Contact Person: BARBARA SIFFORD
Telephone: Not reported
RP Address: P O BOX 107
RP City,St,Zip: KANNAPOLIS, NC 28082
RP County: Not reported
Comments: Not reported
5 Min Quad: Not reported
Last Modified: 2000-02-29 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2000-02-11 00:00:00

B11
ENE
1/4-1/2
0.437 mi.
2308 ft.

FIEDLCREST CANNON/DECORATIVE B
572 NEW STREET
EDEN, NC
Site 1 of 2 in cluster B

IMD S106520858
LUST TRUST N/A

Relative:
Higher

IMD:
Region: Not reported
Facility ID: 30432
Date Occurred: 7/16/2004
Submit Date: 7/26/2004
GW Contam: No Groundwater Contamination detected
Soil Contam: Yes
Incident Desc: Release was discovered during permanent closure of 15,000 gallon fuel oil UST.
Operator: BRENDA BICE
Contact Phone: Not reported

Actual:
556 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIEDLCREST CANNON/DECORATIVE B (Continued)

S106520858

Owner Company: THE HOLLINGSWORTH COMPANIES
Operator Address: TWO CENTER PLAZA
Operator City: CLINTON
Oper City, St, Zip: CLINTON, TN 37716-
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: L
Site Priority: Not reported
Priority Code: Not reported
Priority Update: Not reported
Dem Contact: Not reported
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: 30432
Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 7/27/2004
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: Not reported

LUST TRUST:

Facility ID: 0-018212
Site ID: 30432
Site Note: Claim #200 was re-audited at the request of the RP. (SCR, 5/3/06)
Site Eligible?: True
Commercial Find: 100% Commercial
Priority Rank: Not reported
Deductable Amount: 20000
3rd Party Deductable Amt: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FIEDLCREST CANNON/DECORATIVE B (Continued)

S106520858

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.

B12
ENE
 1/4-1/2
 0.437 mi.
 2308 ft.

DECORATIVE BEDDING
572 NEW STREET
EDEN, NC 27288
Site 2 of 2 in cluster B

LUST U001197694
UST N/A

Relative:
Higher

LUST:
 Facility ID: 00-0-000
 UST Number: WS-6966
 Incident Number: 30432
 Contamination Type: Soil
 Source Type: Leak-underground
 Product Type: PETROLEUM
 Date Reported: 07/26/2004
 Date Occur: 07/16/2004
 Cleanup: 07/16/2004
 Closure Request: Not reported
 Close Out: 11/05/2004
 Level Of Soil Cleanup Achieved: Not reported
 Tank Regulated Status: Non Regulated
 # Of Supply Wells: 0
 Commercial/NonCommercial UST Site: COMMERCIAL
 Risk Classification: L
 Risk Class Based On Review: L
 Corrective Action Plan Type: Not reported
 NOV Issue Date: Not reported
 NORR Issue Date: Not reported
 Site Priority: Not reported
 Phase Of LSA Req: Not reported
 Site Risk Reason: Not reported
 Land Use: Not reported
 MTBE: No
 MTBE1: Unknown
 Flag: No
 Flag1: No
 LUR Filed: Not reported
 Release Detection: 0
 Current Status: File Located in Archives
 RBCA GW: Not reported
 PTOPT: 4
 RPL: False
 CD Num: 382
 Reel Num: Not reported
 RPOW: False
 RPOP: False
 Error Flag: 0
 Error Code: N
 Valid: False
 Lat/Long Decimal: 36.2952 -79.4320
 Testlat: Not reported
 Regional Officer Project Mgr: LME
 Region: Winston-Salem
 Company: THE HOLLINGSWORTH COMPANIES

Actual:
556 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DECORATIVE BEDDING (Continued)

U001197694

Contact Person: BRENDA BICE
Telephone: Not reported
RP Address: TWO CENTER PLAZA
RP City,St,Zip: CLINTON, TN 37716
RP County: Not reported
Comments: Property Tansaction; need certified copy of the Notice Residual
Petroleum and public notices to move to code 5. Public notice not
received as of 3/15/2007.
5 Min Quad: Not reported

PIRF:

Facility Id: 30432
Date Occurred: 2004-07-16 00:00:00
Date Reported: 2004-07-26 00:00:00
Description Of Incident: Release was discovered during permanent clsure of 15,000 gallon fule
oil UST.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 5
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: 2
Cause: Not reported
Source: C
Ust Number: C

Last Modified: Not reported
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: 2004-07-27 00:00:00
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

UST:

Facility Id: 00-0-0000018212
Contact: HOLLINGSWORTH GP
Contact Address1: TWO CENTRE PLAZA
Contact Address2: Not reported
Contact City/State/Zip: CLINTON, TN 37716
FIPS County Desc: Rockingham
Latitude: 36.49743
Longitude: -79.70476

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DECORATIVE BEDDING (Continued)

U001197694

Tank Id: 1
Tank Status: Removed
Installed Date: 04/24/1979
Perm Close Date: 07/14/2004
Product Key: 2
Product Name: Fuel Oil
Tank Capacity: 30000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: No
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported

Tank Id: 2
Tank Status: Removed
Installed Date: 04/27/1966
Perm Close Date: 07/14/2004
Product Key: 2
Product Name: Fuel Oil
Tank Capacity: 15000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: No
Tank Construction: Single Wall Steel
Piping Construction: Single Wall Steel
Piping System Key: Unknown
Other CP Tank: Not reported

13
NW
1/2-1
0.704 mi.
3716 ft.

FIELDCREST CANNON (FORMER)
326 E. STADIUM DRIVE
EDEN, NC 27289

SHWS U002217295
IMD N/A
LUST

Relative:
Higher

SHWS:
EPAID: NCD003218203
Lat/Longitude: Not reported
Geolocation Method: Not reported

Actual:
618 ft.

IMD:
Region: WS
Facility ID: 21288
Date Occurred: 10/28/1998
Submit Date: 2/7/2000
GW Contam: Not reported
Soil Contam: Not reported
Incident Desc: 20 PPM REPORTED VIA 24 HR NOTICE AFTER REMOVAL OF UST
Operator: OSBORNE BAPTIST CHURCH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIELDCREST CANNON (FORMER) (Continued)

U002217295

Contact Phone: 336-627-1242
Owner Company: Not reported
Operator Address: 326 E STADIUM DRIVE
Operator City: EDEN
Oper City, St, Zip: EDEN, NC 27289
Ownership: Private
Operation: Educational/Religious
Material: HEATING OIL
Qty Lost 1: Not reported
Qty Recovered 1: Not reported
Source: Leak-underground
Type: Heating Oil
Location: Facility
Setting: Industrial
Risk Site: Not reported
Site Priority: Not reported
Priority Code: Not reported
Priority Update: 2/7/2000
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: Not reported
Facility ID: 21288
Last Modified: 11/16/2000
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 10/30/2000

LUST:

Facility ID: Not reported
UST Number: WS-5898
Incident Number: 21288
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 10/30/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIELDCREST CANNON (FORMER) (Continued)

U002217295

Date Occur: 12/28/1998
Cleanup: 09/30/2001
Closure Request: Not reported
Close Out: 10/30/2000
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: Non Regulated
Of Supply Wells: 0
Commercial/NonCommercial UST Site: NON COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: 06/21/2000
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 4
RPL: False
CD Num: 121
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Lat/Long Decimal: 36.5015 -79.7334
Testlat: Not reported
Regional Officer Project Mgr: SAM
Region: Winston-Salem
Company: OSBORNE BAPTIST CHURCH
Contact Person: Not reported
Telephone: Not reported
RP Address: 326 E. STADIUM DRIVE
RP City,St,Zip: EDEN, NC 27289
RP County: Not reported
Comments: did not run appropriate methods for confirmation sample.
5 Min Quad: Not reported
Last Modified: 2000-11-16 00:00:00
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIELDCREST CANNON (FORMER) (Continued)

U002217295

Close-out Report:

2000-10-30 00:00:00

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 01/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/20/2015
	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: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 01/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 01/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/02/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/02/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/26/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/26/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/15/2015
	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: 12/03/2014	Source: Department of the Navy
Date Data Arrived at EDR: 12/12/2014	Telephone: 843-820-7326
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 02/16/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 03/31/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

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

Date of Government Version: 08/09/2011	Source: North Carolina Center for Geographic Information and Analysis
Date Data Arrived at EDR: 11/08/2011	Telephone: 919-754-6580
Date Made Active in Reports: 12/05/2011	Last EDR Contact: 02/02/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/18/2015
	Data Release Frequency: Biennially

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SHWS: Inactive Hazardous Sites Inventory

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

Date of Government Version: 01/02/2015	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 03/18/2015	Telephone: 919-508-8400
Date Made Active in Reports: 04/01/2015	Last EDR Contact: 03/18/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

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

SWF/LF: List of Solid Waste Facilities

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

Date of Government Version: 12/29/2014	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 12/30/2014	Telephone: 919-733-0692
Date Made Active in Reports: 01/21/2015	Last EDR Contact: 04/01/2015
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Semi-Annually

OLI: Old Landfill Inventory

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

Date of Government Version: 01/05/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 01/16/2015	Telephone: 919-733-4996
Date Made Active in Reports: 02/16/2015	Last EDR Contact: 01/12/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Regional UST Database

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

Date of Government Version: 02/06/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 02/11/2015	Telephone: 919-733-1308
Date Made Active in Reports: 02/16/2015	Last EDR Contact: 02/11/2015
Number of Days to Update: 5	Next Scheduled EDR Contact: 05/25/2015
	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: 01/09/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 01/13/2015	Telephone: 919-733-1315
Date Made Active in Reports: 02/16/2015	Last EDR Contact: 01/13/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 02/06/2015
Date Data Arrived at EDR: 02/11/2015
Date Made Active in Reports: 02/16/2015
Number of Days to Update: 5

Source: Department of Environment & Natural Resources
Telephone: 877-623-6748
Last EDR Contact: 02/11/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
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: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015	Source: EPA, Region 5
Date Data Arrived at EDR: 02/05/2015	Telephone: 312-886-7439
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/30/2015
Number of Days to Update: 184	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

State and tribal registered storage tank lists

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: 02/06/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 02/11/2015	Telephone: 919-733-1308
Date Made Active in Reports: 02/16/2015	Last EDR Contact: 02/11/2015
Number of Days to Update: 5	Next Scheduled EDR Contact: 05/25/2015
	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: 03/23/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 03/24/2015	Telephone: 919-715-6183
Date Made Active in Reports: 04/03/2015	Last EDR Contact: 03/23/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 01/30/2015
Number of Days to Update: 271	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/30/2015	Source: EPA Region 5
Date Data Arrived at EDR: 02/05/2015	Telephone: 312-886-6136
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/23/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/13/2015	Telephone: 214-665-7591
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/29/2015	Source: EPA Region 8
Date Data Arrived at EDR: 01/30/2015	Telephone: 303-312-6137
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2015	Source: EPA Region 10
Date Data Arrived at EDR: 02/12/2015	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 02/13/2015	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/12/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

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

Date of Government Version: 01/02/2015	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 03/18/2015	Telephone: 919-508-8400
Date Made Active in Reports: 04/01/2015	Last EDR Contact: 03/18/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 01/02/2015	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 03/18/2015	Telephone: 919-508-8400
Date Made Active in Reports: 04/01/2015	Last EDR Contact: 03/01/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/29/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 04/02/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

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

Date of Government Version: 12/01/2014	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 01/08/2015	Telephone: 919-733-4996
Date Made Active in Reports: 01/21/2015	Last EDR Contact: 01/08/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/22/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/22/2014	Telephone: 202-566-2777
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/24/2015
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/26/2015
Number of Days to Update: 137	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/13/2007	Telephone: 919-733-0692
Date Made Active in Reports: 03/02/2007	Last EDR Contact: 01/19/2009
Number of Days to Update: 17	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 02/04/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/05/2015	Telephone: 919-707-8137
Date Made Active in Reports: 02/16/2015	Last EDR Contact: 02/02/2015
Number of Days to Update: 11	Next Scheduled EDR Contact: 05/18/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/02/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/18/2015
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/25/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-307-1000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 03/03/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/25/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-307-1000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 03/03/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 01/30/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/29/2014	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/30/2014	Telephone: 202-366-4555
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 03/31/2015
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

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

Source: Department of Environment and Natural Resources
Telephone: 919-733-3221
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SPILLS: Spills Incident Listing

A listing spills, hazardous material releases, sanitary sewer overflows, wastewater treatment plant bypasses and upsets, citizen complaints, and any other environmental emergency calls reported to the agency.

Date of Government Version: 03/17/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/01/2015
Number of Days to Update: 13

Source: Department of Environment & Natural Resources
Telephone: 919-807-6308
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/27/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 06/14/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

US MINES: Mines Master Index File

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
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.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/26/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 01/09/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/16/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/27/2015
	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: 12/29/2014	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 01/08/2015	Telephone: 301-415-7169
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/09/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/22/2015
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 04/20/2015
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: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
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: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 02/10/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 22

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

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

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 12/23/2014
Date Made Active in Reports: 01/21/2015
Number of Days to Update: 29

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 03/20/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

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

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/16/2015
Number of Days to Update: 12

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 02/13/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/25/2015
	Data Release Frequency: Varies

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

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

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 03/30/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Annually

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014	Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/05/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-566-1917
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 02/16/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

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

Date of Government Version: 02/11/2015	Source: Department of Environment & Natural Resources
Date Data Arrived at EDR: 02/13/2015	Telephone: 919-733-1322
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 02/09/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2015
	Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/26/2012
Number of Days to Update: 23

Source: Department of Environmental & Natural Resources
Telephone: 919-508-8496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Hazardous waste financial assurance information.

Date of Government Version: 09/19/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/14/2014
Number of Days to Update: 25

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/04/2009
Date Made Active in Reports: 08/17/2009
Number of Days to Update: 13

Source: Department of Environment & Natural Resources
Telephone: 919-807-6359
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

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

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

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/20/2013
Number of Days to Update: 172

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environment, Health and Natural Resources in North Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Health and Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 11/17/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 08/28/2012	Last EDR Contact: 01/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/27/2015
	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: 01/01/2015	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/04/2015	Telephone: 518-402-8651
Date Made Active in Reports: 02/27/2015	Last EDR Contact: 02/04/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/18/2015
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/21/2014	Telephone: 717-783-8990
Date Made Active in Reports: 08/25/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/04/2015
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013	Source: Department of Environmental Management
Date Data Arrived at EDR: 07/15/2014	Telephone: 401-222-2797
Date Made Active in Reports: 08/13/2014	Last EDR Contact: 02/23/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/20/2014	Telephone: N/A
Date Made Active in Reports: 08/07/2014	Last EDR Contact: 03/13/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DAN RIVER STEAM STATION
524 SOUTH EDGEWOOD ROAD
EDEN, NC 27288

TARGET PROPERTY COORDINATES

Latitude (North):	36.492 - 36° 29' 31.20"
Longitude (West):	79.7193 - 79° 43' 9.48"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	614710.8
UTM Y (Meters):	4039081.2
Elevation:	546 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36079-D6 SOUTHEAST EDEN, NC
Most Recent Revision:	1994
North Map:	36079-E6 NORTHEAST EDEN, NC VA
Most Recent Revision:	1997

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

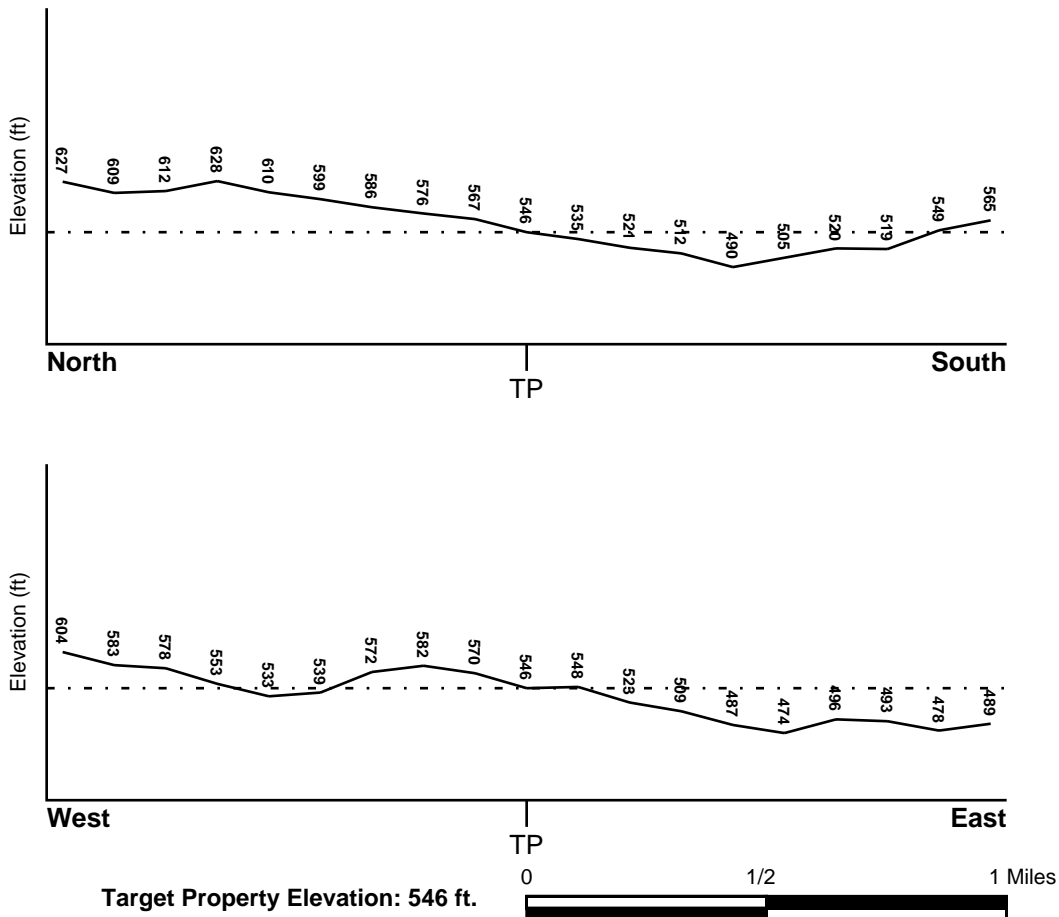
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General 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> ROCKINGHAM, NC	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	37157C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SOUTHEAST EDEN	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Pennsylvanian
Series: Felsic paragneiss and schist
Code: mm1 (*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: MAYODAN

Soil Surface Texture: sandy 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: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 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
2	12 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	18 inches	47 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
4	47 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silt loam
fine sandy loam
clay loam
channery - silt loam
loam

Surficial Soil Types: silt loam
fine sandy loam
clay loam
channery - silt loam
loam

Shallow Soil Types: loam
sandy clay loam
clay
very channery - silt loam
silt loam

Deeper Soil Types: unweathered bedrock
weathered bedrock
loamy sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NC0279404	1/2 - 1 Mile East

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>
No Wells Found		

OTHER STATE DATABASE INFORMATION

NORTH CAROLINA NATURAL HERITAGE ELEMENT OCCURRENCES

<u>ID</u>	<u>Class</u>
NC50004183	Animal
NC50005752	Animal

NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

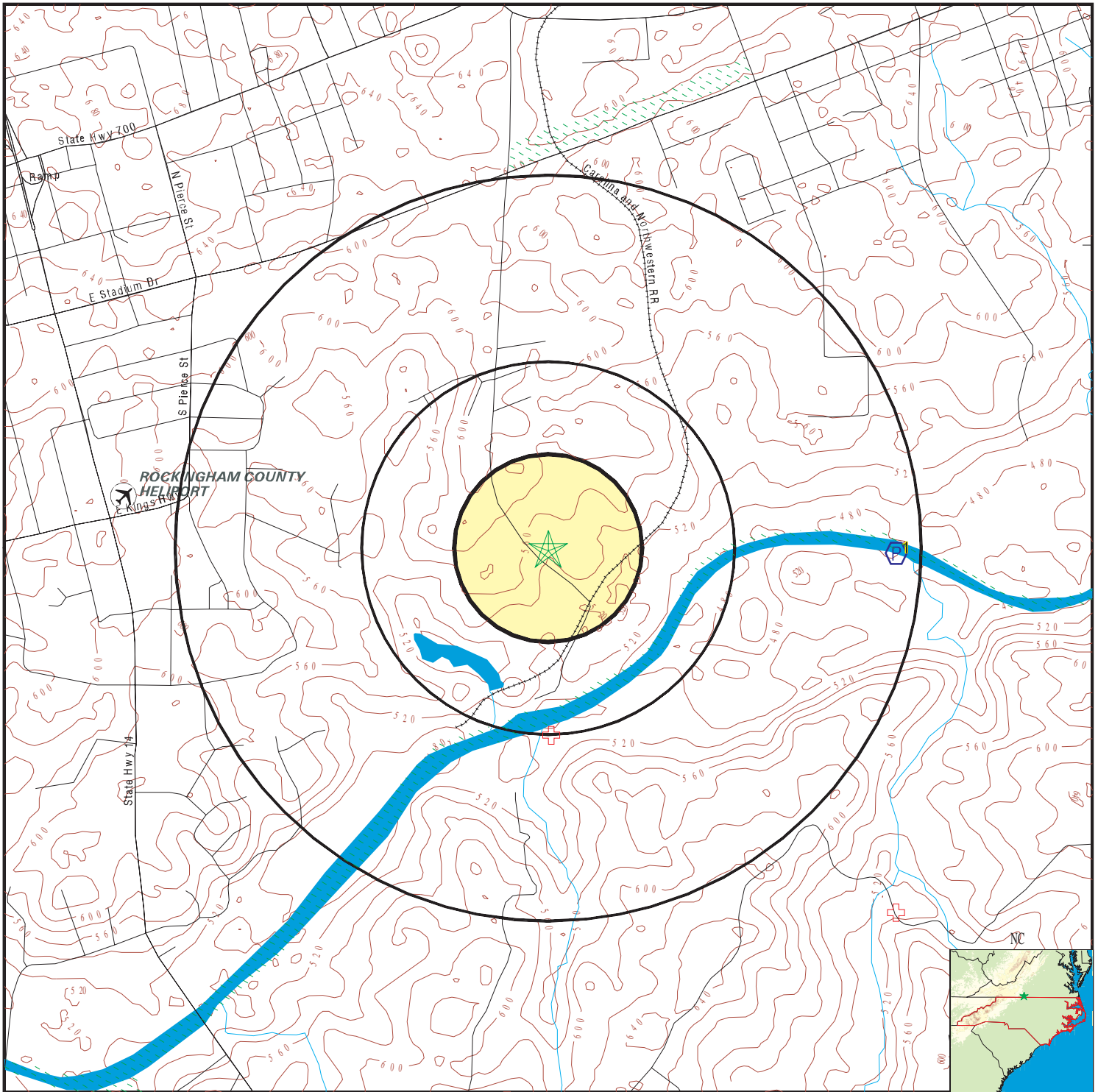
<u>ID</u>	<u>Name</u>
NC10001972	VIRGINIA AVENUE BASIC FOREST

GEOCHECK - PHYSICAL SETTING SOURCE SUMMARY

NORTH CAROLINA SIGNIFICANT NATURAL HERITAGE AREAS DATABASE:

ID	Name
NC10001976	MEBANE BRIDGE SLOPE
NC10003356	DAN RIVER (ROCKINGHAM) AQUATIC HABITAT

PHYSICAL SETTING SOURCE MAP - 4256407.2s



- | | | |
|--|--|---------------------------|
| County Boundary | Groundwater Flow Direction | Wildlife Areas |
| Major Roads | Indeterminate Groundwater Flow at Location | Natural Areas |
| Contour Lines | Groundwater Flow Varies at Location | Rare & Endangered Species |
| Airports | | |
| Earthquake epicenter, Richter 5 or greater | | |
| Water Wells | | |
| Public Water Supply Wells | | |
| Cluster of Multiple Icons | | |

SITE NAME: Dan River Steam Station
 ADDRESS: 524 South Edgewood Road
 Eden NC 27288
 LAT/LONG: 36.492 / 79.7193

CLIENT: AMEC Environment & Infrastructure, Inc.
 CONTACT: Matt Miller
 INQUIRY #: 4256407.2s
 DATE: April 07, 2015 10:50 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
East
1/2 - 1 Mile
Lower

FRDS PWS NC0279404

Epa region:	04	State:	NC
Pwsid:	NC0279404		
Pwsname:	HAIRFIELD APTS		
City served:	Not Reported	State served:	NC
Zip served:	Not Reported	Fips county:	37157
Status:	Closed	Pop srvd:	25
Pwsvcconn:	16	Source:	Groundwater
Pws type:	TNCWS	Owner:	Private
Contact:	HAIRFIELD APTS		
Contact gname:	Not Reported		
Contact phone:	Not Reported	Contact address1:	Not Reported
Contact address2:	Not Reported	Contact city:	EDEN
Contact state:	NC	Contact zip:	27288
Activity code:	I		

Location Information:

Name:	HAIRFIELD APTS		
Pwstypcd:	TNCWS	Prmsrccd:	GW
Popserved:	25		
Add1:	Not Reported		
Add2:	Not Reported		
City:	EDEN	State:	NC
Zip:	27288	Phone:	Not Reported
Cityserv:	EDEN	Cntyserv:	Not Reported
Stateserv:	NC	Zipserv:	Not Reported

PWS ID: NC0279404
 Date Initiated: 7706 Date Deactivated: Not Reported
 PWS Name: HAIRFIELD APTS
 EDEN, NC 27288

Addressee / Facility: System Owner/Responsible Party
 HAIRFIELD APTS
 RT 3 B 224
 EDEN, NC 27288

Addressee / Facility: System Owner/Responsible Party
 HAIRFIELD APTS
 RT 3 B 224
 EDEN, NC

Facility Latitude: 36 29 30 Facility Longitude: 079 42 10
 City Served: EDEN
 Treatment Class: Untreated Population: 00000025

Violations information not reported.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

Num Results	Avg pCi/L	Min pCi/L	Max pCi/L
27	2.47	0.6	4.6

Federal EPA Radon Zone for ROCKINGHAM 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: 27288

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.350 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.450 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environment & Natural Resources

Telephone: 919-733-2090

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

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.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX XI

Local Government Approval