



December 19, 2011

Mr. Michael E. Scott  
North Carolina Department of Environment and Natural Resources  
Division of Waste Management – Solid Waste Section  
Composting & Land Application Branch  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646

Subject: **Request for Modification of Permit No. 29-08  
Todco, Inc. Solid Waste Treatment and Processing Facility  
1123 Roy Lopp Road  
Lexington, Davidson County, North Carolina**

Dear Mr. Scott:

As authorized, *Blue Ridge Geological Services, Inc. (Blue Ridge)* assisted Todco, Inc. personnel in preparing the attached application for permit modification for the subject site. Todco, Inc. currently operates a Solid Waste Treatment and Processing Facility under Permit No. 29-08 (last revised April 2009). Todco does not propose any modifications to the permitted wood recycling operations at the facility. Todco requests a modification of the existing permit to include a construction and demolition waste sorting and processing operation as specifically described herein.

The attached document includes a summary of current site operations as well as additional information describing the proposed construction and demolition waste sorting and processing operation. If you have any questions concerning this permit modification request or you need additional information, please contact the undersigned at 336-431-5454.

Sincerely,

Jeffrey L. Gerlock, L.G.  
NC Licensed Geologist #1141

P. Greg Garrett, P.E.  
NC Professional Engineer #021591

Attachments

Cc: Todd Warfford, Todco, Inc.

## TABLE OF CONTENTS

	<u>Page</u>
<b>1.0 INTRODUCTION</b> .....	1
<b>2.0 SITE STUDY</b> .....	2
2.1 Characterization Study .....	2
2.2 Facility Plan .....	3
2.3 Site Hydrogeological Conditions .....	4
2.4 Floodplain Restrictions .....	5
2.5 Wetlands Restrictions .....	5
2.6 Unstable Areas .....	5
2.7 Cultural Resources, State Nature, and Historic Preserves .....	5
2.8 Water Supply Watershed .....	6
2.9 Endangered and Threatened Species .....	6
2.10 Local Government Approval .....	6
2.11 Site Legal Description .....	6
<b>3.0 FACILITY AND ENGINEERING PLAN</b> .....	8
3.1 Facility Drawings .....	8
3.2 Facility Report .....	8
3.2.1 Waste Stream .....	8
3.2.2 Waste Stream Management .....	9
3.2.3 Equipment .....	10
3.3 Engineering Drawings .....	11
3.4 Location Restrictions .....	11
<b>4.0 OPERATIONS PLAN</b> .....	13
4.1 Operational Drawings .....	13
4.2 Waste Acceptance Requirements .....	13
4.3 Waste Exclusions .....	13
4.4 Disease Vector Control .....	14
4.5 Air Quality and Fire Control .....	14
4.6 Access and Site Safety .....	15
4.7 Erosion and Sedimentation Control .....	15
4.8 Drainage Control .....	16
4.9 Operational Recordkeeping .....	16
<b>5.0 MONITORING PLAN</b> .....	17
5.1 Surface Water .....	17
5.2 Waste Acceptability Program .....	17
5.2.1 Wood Waste .....	17
5.2.2 Construction and Demolition Waste .....	18
5.2.3 Contingency Plan .....	19
5.2.4 Training .....	19

## **FIGURES**

Figure 1 - Site Vicinity Map  
Figure 2 - Aerial Photograph  
Figure 2A - 2011 Aerial Photograph  
Figure 3 - Site Plan  
Figure 3A - Proposed Waste Sorting Area  
Figure 4 - Topographic Map  
Figure 5 - Flood Map

## **APPENDIX**

2004 Permit  
2009 Permit  
Conditional Use Permit  
Natural Resources Inventory  
2002-2003 Piezometer Data  
Wetlands Inventory Map  
Deeds of Property  
Zoning Letter  
Fire Marshall Letter  
Example Facility Annual Report – Treatment & Processing Facility  
NPDES Stormwater Permit Certificate of Coverage

## **1.0 INTRODUCTION**

The subject site is the Todco, Inc. Wood Recycling Facility (Todco) at 1123 Roy Lopp Road in Lexington, Davidson County, North Carolina (Figures 1 and 2). Todco currently operates a wood recycling and processing facility at the site under North Carolina Department of Environment and Natural Resources (NCDENR) Division of Solid Waste Management (DWM) Permit No. 29-08. Best Disposal, Inc. (a wholly owned subsidiary of Todco, Inc.), a waste container and hauling company, also operates from this site. The subject facility began operations on October 26, 1992. In 2004 the DWM issued Permit Number 29-08 for the subject facility which allowed solid waste treatment and processing at the subject site (copy in Appendix). In December 2008 Blue Ridge Geological Services, Inc. (Blue Ridge) prepared and submitted a renewal application for Solid Waste Treatment and Processing Facility Permit No. 29-08 to the DWM. On April 30, 2009 the DWM issued a revised permit for the facility (copy in the Appendix).

Todco proposes to expand their services to include a construction and demolition waste sorting and processing operation. Generally, construction debris from new-construction sites and select demolition sites will be hauled to the site in roll-off containers by Best Disposal or other carriers. The waste will be dumped onto a covered concrete sorting pad so that Todco personnel can sort and remove the recyclable materials. Recycled materials such as metal, cardboard, paper, glass, plastic, concrete and concrete block, and electrical wiring will be separated in storage bins and sold to local recycling facilities. Wood debris removed from the waste streams will be recycled on-site. Remaining waste will be loaded onto waste hauling trucks for removal from the site and disposal in the nearby Davison County Landfill Facility (Permit No. 29-06) or other permitted facility.

Existing wood recycling operations will remain unchanged. The waste processing area will be created within the existing wood processing area by adding a covered concrete sorting pad and material bins. Wood processing and mulch storage areas will be slightly reconfigured as needed. Existing on-site traffic patterns will remain unchanged. Todco does not propose to allow the general public to access the sorting area. Waste will be accepted via Best Disposal roll-off container trucks and/or other approved carriers from sites in the surrounding communities.

## 2.0 SITE STUDY

### 2.1 Characterization Study

Previous permitting documents for this site addressed site characterization requirements of 15A NCAC 13B .0536. Those documents have been updated as needed for this report. A map of the local area and aerial photographs showing the subject site and surrounding properties is presented on Figures 1, 2, and 2A. Adjacent land uses are agricultural, residential, and wooded/undeveloped.

The majority of the operations of the facility are located on Davidson County Tax Map 3 Lot 18 which is zoned as Limited Industrial District (LI). A portion of the facility (entrance road and scale house) is located on Davidson County Tax Map 2 Lot 5 which is also zoned Limited Industrial District (LI). A letter of conformance from the Davidson County Planning Department for these two lots is included in the Appendix. In 2007 Todco purchased the 10.45-acre parcel to the south - Lot 7 of Tax Map 3A; in August 2008 this area was put into use for mulch storage. This parcel was rezoned to Conditional Use Limited Industrial (CU-LI) in 2008. A copy of the conditional use permit granted for this parcel by the Davidson County Planning Department is presented in the Appendix. Zoning and tax map information is shown on Figure 4 and in the Appendix.

There are no schools on or surrounding the subject property. There are no historic sites, state nature, or state historic preserves on the subject property. The property does not lie within a water supply watershed.

The USGS topographic map (Figure 1) shows topographic features of the surrounding area. Runoff from this site enters Hamby Creek or one of two unnamed tributaries to Hamby Creek located east and south of the site. Hamby Creek is classified Class C – impaired waters by the North Carolina Division of Water Quality. As shown on Figures 3 and 5, the operations at the site are not located in or near the 100-year floodplain. Hamby Creek forms the northern boundary of the property. The 100-year floodplain of Hamby Creek is restricted to the general vicinity of the creek. The topography in the northern margin of the site slopes steeply downward to Hamby Creek. The 60-foot vertical slope provides a natural barrier and buffer between site operations and the floodplain. Figure 5 shows FEMA regulated floodplain in the vicinity of the site.

As shown on the map in the Appendix, the operational areas of this site do not contain wetlands. The addition of the waste sorting and processing operation in the center of the site will not require wetland impacts.

An unoccupied residential structure and related old barns and a garage are located west of the maintenance building on the subject property (see Figure 3). These structures are owned by Todco, Inc. Todco does not have plans to rent or lease this dwelling.

Three water supply wells are present at the subject site. Two wells are located at the residential structure and one water supply well is located at the southeast corner of the garage/office (Item W on Figure 3). The two wells at the residential structure are not in use (one has been abandoned). None of these three wells are used for drinking water. None of the wells are located within 100 feet of the existing or proposed treatment and processing areas.

Todco / Best Disposal operate a truck maintenance garage on the subject site (see Figure 3 for location). Typical light truck maintenance is performed inside the building. One 10,000-gallon single wall aboveground storage tank (AST) used to store diesel fuel is located in a concrete secondary containment structure outside the south side of the maintenance building. A 550-gallon diesel AST is also located inside the containment structure. A 4,000-gallon double wall AST used to store off-road diesel is located just west of the containment structure (Item A on Figure 3). Todco and Best Disposal offices are located inside the small building along the main facility entrance road. This building also acts as a scale house and retail sales center for Todco mulch and wood products.

The nearest off-site source of potential contamination is the Davidson County Landfill located north of the site across Hamby Creek (Figure 1). However, due to topographic position and surface water features it is not likely that the Todco facility could be impacted by the landfill.

## **2.2 Facility Plan**

The existing facility layout is shown on Figure 3. Proposed changes to the layout for the new construction and demolition waste sorting and recycling component are described in Section 3.0 of this report and presented on Figure 3A.

### 2.3 Site Hydrogeological Conditions

The subject facility is not located in an area where the permanent, seasonal, or perched water table is located within 12 inches of the soil surface. According to the *Soil Survey of Davidson County* dated July 1994, the majority of the site and the area of the facility operations are underlain by soil classified as Udorthents (Ud). This soil unit is found in areas where the natural soils have been altered by cutting, filing, and shaping of the land. Soils along the northern and western parts of the site are classified as the Poindexter and Zion sandy loam (PnF). According to the published information, the depth to the seasonal high water table in this soil type is typically greater than six feet.

In April 2002, Blue Ridge Geological Services personnel advanced eight borings (P-1 through P-8) at various locations around the site. The borings were drilled using a stainless steel hand auger through hard fill material and/or residuum consisting of silt and partially weathered rock to depths of between two (2) and four (4) feet below ground surface (bgs). One-inch diameter PVC pipe with a one- to two-foot hand-slotted section was inserted into each borehole to construct a piezometer for subsequent groundwater measurements. The annular space around the PVC pipe was filled with washed and graded medium sand to approximately one to two feet above the top of the slotted section. Bentonite pellets were placed on top of the sand to the ground surface to prevent surface water from entering the boreholes. Field personnel measured the depth to water in each piezometer using an electronic water level indicator. A table summarizing the information is presented in the Appendix.

Groundwater was only detected in three (3) of the piezometers in 2002 and 2003; two of those occurrences were near the end of one of the wettest years on record (2003). Those measurements indicate that groundwater occurs no less than 1.9 feet below ground surface at the site. It is possible for perched (artificially shallow) groundwater to occur beneath sites due to factors such as vegetation, landscape, soil type, and the presence of confining layers (tight and/or clay soils or rock). It is suspected that the observed occurrences of groundwater are indicative of perched groundwater or surface infiltration rather than a persistent water table.

In the Piedmont, groundwater typically recharges (infiltrates) in upland areas and discharges in low-lying surface water features such as streams and lakes or at the base of slopes. As shown on Figures 1, 3 and 4, the operational area is located on a topographic high, or ridge, with ground surface elevations of approximately 720 to 750 feet above mean sea level. Hamby Creek to the north has surface water at an

approximate elevation of 650 feet above mean sea level. An unnamed creek / drainage feature is present in the southern portion of the site. Water is present in this drainage feature during several months of the year up to approximately the 700-foot contour. Therefore, the depth to the seasonal high water table is likely to be 20 to 100 feet below the ground surface at the site. Areas of perched water may be present at the site.

#### **2.4 Floodplain Restrictions**

The existing and proposed facilities described in this plan are located outside of the 100-year floodplain of Hamby Creek as shown on Figure 5.

#### **2.5 Wetland Restrictions**

The existing and proposed facilities described in this plan are not located within mapped wetland areas (see map in Appendix). Todco does not propose impacting wetland areas for site development or operations.

#### **2.6 Unstable Areas**

The site is not located in a geologically unstable area. Prior permitted operations have not experienced differential settlement. Site land surfaces are paved, graveled, vegetated, or used for mulch storage and processing. The proposed waste sorting and recycling operation will encompass less than one acre; therefore, a sedimentation and erosion control plan is not applicable. Permanent sedimentation and erosion control measures are present at the site to prevent excessive on-site erosion and to prevent sediment generated during normal site operations from leaving the site. Blue Ridge provides ongoing consulting to manage on-site stormwater drainage and erosion and sediment controls.

#### **2.7 Cultural Resources, State Nature, and Historic Preserves**

This site does not contain any known significant archaeological or historic property or lands included in the State Nature and Historic Preserve.

## **2.8 Water Supply Watershed**

This site is not located within a water supply watershed. Runoff from this site drains to Hamby Creek. As previously stated, Hamby Creek is listed as a Class C-impaired waters. Hamby Creek is a tributary to Abbott's Creek. The Abbott's Creek Water Supply Watershed Boundary (WS-III) is upstream of the confluence of Hamby Creek and Abbott's Creek.

## **2.9 Endangered and Threatened Species**

The subject facility does not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife. As outlined in the Natural Resources Inventory Report for the subject site (prepared by EcoLogic Associates in 2002), the operations at the subject facility do not and will not result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 CFR Part 17A (see copy in Appendix).

## **2.10 Local Government Approval**

The majority of the operations of the facility are located on Davidson County Tax Map 3 Lot 18 which is zoned as Limited Industrial District (LI). A portion of the facility (entrance road and scale house) is located on Davidson County Tax Map 2 Lot 5 which is also zoned Limited Industrial District (LI). A letter of conformance from the Davidson County Planning Department for these two lots is included in the Appendix. In 2007 Todco purchased the parcel to the south - Lot 7 of Tax Map 3A; in August 2008 this area was put into use for mulch storage. This parcel was rezoned to Conditional Use Limited Industrial (CU-LI) in 2008. A copy of the Conditional Use Permit granted for the site by the Davidson County Planning Department is presented in the Appendix.

## **2.11 Site Legal Description**

The subject property (all three lots) is owned by individuals, Mr. Todd Warfford and wife (Cherie Warfford), who are the operators/owners of the facility. The majority of facility operations are located on Lot 18 of Davidson County Tax Map 3 (PIN #6755-01-28-3742). A portion of the facility (entry area and roadway, scale house, mulch storage piles on north) is located on Lot 5 of Tax Map 2 (PIN #6755-01-18-8912). Lot 7

of Tax Map 3A (PIN # 6755-01-28-3061) was purchased in October 2007, was graded in June 2008, and is now used for mulch storage. The property boundaries are shown on Figures 2 and 4. Copies of the deeds for these three lots are presented in the Appendix.

### **3.0 FACILITY AND ENGINEERING PLAN**

#### **3.1 Facility Drawings**

The figures provided in this application illustrate existing site features and topographic conditions. A site plan for the subject property is presented on Figure 3. The site plan illustrates the property lines, topography, sedimentation and erosion control structures, existing buildings, structures, wells, and utilities; surface water features, access control features, existing roads and traffic flow pattern, adjacent land use, and stockpiles. Stockpile type and locations vary with material being processed and sold seasonally.

Figure 3A illustrates the proposed construction and demolition waste sorting and processing area of the site. This area will consist of a concrete sorting pad and material storage bins. The bins will be created using interlocking precast concrete blocks similar to those used to store mulch in the mulch processing and storage area. Waste material that cannot be recycled will be placed in a roll-off container for transportation to an approved C&D landfill. The sorting pad, material storage bins, and roll-off container(s) will be covered by a permanent roof/canopy structure.

The waste sorting and recycling pad will be created by extending the existing concrete pad as shown on Figure 3A. Concrete interlocking blocks will be used to completely separate the waste sorting and recycling area from other wood recycling operations to prevent intermingling of different waste types.

#### **3.2 Facility Report**

##### **3.2.1 Waste Stream**

The current permit allows Todco to receive various wood waste products and yard waste. Wood waste includes pallets, furniture waste, chipboard, dimension lumber, etc. Approximately 5 percent or less of the wood waste received is treated lumber or painted lumber. Approximately 10 percent of the wood waste received is chipboard. The remaining wood waste is composed of pallets, furniture, and dimensional lumber. Yard waste includes tree limbs, brush, stumps, and land clearing debris. Todco receives a minimum of 30 tons per day (all waste types) and a maximum of 120 tons per day (all waste types). The annual average

amount of material received is around 80 to 100 tons per day (all waste types). The capacity of the facility is approximately 200 tons per day (all waste types).

Todco proposes to accept construction and demolition waste materials derived from new construction sites and select demolition sites. Todco anticipates receiving wastes from sites within a 50-mile radius of the subject facility. The facility is expected to process approximately 5,000 to 10,000 tons of construction and demolition waste per year. This is estimated assuming a maximum daily processing rate of 20 to 50 tons per day times 200 operational days per year.

Additional waste management information is presented in the Operations Plan (Section 4 of in this application).

### **3.2.2 Waste Stream Management**

Wood wastes received at the facility are temporarily stored in either the yard waste or wood waste areas located on a concrete pad in the eastern portion of the facility (Figure 3). The pad is approximately 200 feet wide and 240 feet long. Todco recycles all of the wood and yard waste. The process time for the waste recycling varies from less than one day to a few months. Todco processes most waste received within one week. Todco typically processes about 60 tons of waste per day. In addition, Todco purchases pine bark, hardwood mulch, and cedar logs from other facilities and processes the material for resale.

Processing includes transferring the materials to the grinder using one of several loaders, reducing size and volume in the grinder, and then transferring the shredded material to specific storage areas on the property for various end products. Some yard waste is transferred to a hopper using a conveyor belt and colorized for mulch. The colorized mulch is stored on a concrete pad in a storage bin. Processed yard waste is kept separate from wood waste. Most of the processed wood waste is sold as boiler fuel. All engineered wood products (glued) and wood that has been treated, painted, or varnished are ground and sold for boiler fuel.

Some of the processed wastes are temporarily stored in piles or windrows. The windrows are approximately 10 to 15 feet high and vary in width and length. The average width of the windrows is approximately 30 feet. Gravel or dirt access roads are maintained between the windrows. The windrows are periodically moved to different locations on the site prior to sale. This is done to segregate the

materials by type and age and to keep pile temperatures below levels conducive to composting or spontaneous combustion.

Non-recyclable materials which are received at the facility, such as creosote timbers, are separated and placed in a roll-off located on the concrete pad near the grinding area. Best Disposal transports the roll-off to the Davidson County Landfill or other permitted facilities about twice per month and/or when the roll-off is full. Non-recyclable materials include trash bags and domestic trash which are removed from the waste stream during the grinding process. Metals (nails, hinges, etc.) are transported off-site for recycling. In addition, the facility occasionally receives large diameter logs. These logs are ground along with other large wood debris in a tub grinder before final processing.

Management of proposed new-construction and demolition wastes will follow similar on-site processing procedures. Waste materials will be dumped onto the concrete sorting pad and sorted by hand or equipment as needed. Sorted recyclable products such as metal, cardboard, paper, glass, plastic, concrete and concrete block, and electrical wiring will be placed in individual storage bins. Periodically, the sorted materials will be placed in roll-off containers for transportation to local recycling facilities. Sorted wood waste products will be diverted into the existing wood recycling operation at this site. All other waste materials not suitable for recycling will be placed in a roll-off container for transportation to the Davidson County Landfill or other permitted facilities when the roll-off box is full. All sorted and unsorted waste will be contained on the concrete pad beneath the roof/canopy.

### **3.2.3 Equipment**

Equipment normally used at the site includes the following:

- 938G rubber tire loader, 963 track loader, and 236 skid loader
- JD 300 tractor
- 4060 West Salem horizontal hog grinder
- Morbark 1200 tub grinder, Morbark 1300 tub grinder
- CEC 16x5 Roadrunner screen
- G27 Tromel Screen
- IT 28 wheel loader
- Mack road tractors (4) for delivering material
- Four open-top chip trailers (for storage prior to transport)
- Dump Trailer and Flat Bed Trailer
- Coloring machine and conveyor system
- 1100-gallon fire truck for dust control and fire suppression
- Truck weight scale

- 320 DL Trackhoe
- 938H Wheel Loader
- Picking Line Station

### **3.3 Engineering Drawings**

Existing site conditions including topography, site features, waste storage areas, processing areas, roads, and buildings are shown on Figure 3. Figure 3A shows the proposed new-construction and demolition waste sorting and processing area and features. This area will require minimal site preparation to construct the concrete sorting pad since it is currently being used for mulch and yard waste processing. The necessary site work will disturb less than one acre.

The site is managed in such a manner as to minimize standing water. Gravel or dirt roadways are maintained between each waste pile or windrow to allow surface water to flow between the piles. Stormwater is channeled into several ditches on the site and diverted to rock and spillway outlets. Several stormwater culverts are present on the site. The culverts collect surface water from the drainage ditches and divert the water under the access roads to prevent erosion of the roads.

Erosion control is achieved primarily through the use of collection ditches and permanent sediment basins/traps at the locations shown on Figure 3. In working areas of the site where vegetative groundcover is not present mulch is used to cover exposed soils to limit erosion. Roadways are maintained in an all weather condition to ensure access.

Todco operates under the NCDENR Division of Water Quality General Permit No. NCG210000 for stormwater discharges under the National Pollutant Discharge Elimination System (NPDES). A copy of the revised Certificate of Coverage (COC) under the permit is presented in the Appendix. Blue Ridge prepared a Stormwater Pollution Prevention Plan (SWPPP) for the subject facility which describes site operations and controls to minimize contaminants from migrating off-site by stormwater flow. The plan is revised and updated as necessary.

### **3.4 Location Restrictions**

The facility meets the following minimum horizontal separation requirements: a) 50 feet from the waste and final products to all property lines, b) 100 feet from the treatment and processing areas to residential

dwellings and water supply wells, c) 50 feet from treatment and processing areas to surface waters. A forested buffer exists around much of the site's perimeter (see Figure 2).

Although this facility does not propose any landfill units, significant vertical separation is provided between the waste storage and processing areas and the seasonal high groundwater table. As presented in Section 2.3 of this application, the seasonal high groundwater is likely to be 20 to 100 feet below ground surface at the site.

The center of this site is located at approximately latitude 35 degrees 49.8 minutes North, longitude 80 degrees 10.5 minutes West.

## 4.0 OPERATIONS PLAN

### 4.1 Operation Drawings

The existing wood recycling site operations will be slightly modified to make space for the proposed construction and demolition waste sorting and processing area. Drawings depicting the site operational areas are shown on Figures 3 and 3A.

### 4.2 Waste Acceptance Requirements

Todco will continue to accept wood waste and yard debris for recycling in accordance with Permit No. 29-08. These wastes are accepted from Best Disposal as well as commercial and private transporters. Todco will continue to follow its waste screening plan described in Section 5.2 of this application for these types of waste.

Todco proposes to begin accepting waste products from construction sources via roll-off containers owned and managed by Best Disposal and other approved transporters. Todco will periodically accept debris from demolition projects.

Todco will implement a waste screening plan to ensure certain wastes are not accepted at the site. Details of the waste screening plan are included in Section 5.2 of this report.

### 4.3 Waste Exclusions

The following wastes **will not** be accepted:

- Containers such as tubes, drums, barrels, tanks, cans, and bottles unless they are empty and perforated to ensure that no liquid, hazardous, or municipal solid wastes is contained therein.
- Garbage
- Hazardous substances / wastes
- Asbestos-containing materials / wastes
- Industrial solid waste

- Liquid wastes
- Medical waste
- Municipal solid waste
- PCB wastes
- Radioactive waste
- Waste treatment septage or sludge
- White goods
- Yard trash
- Light bulbs of any kind
- Electrical transformers
- Asphalt shingles
- Creosote or copper chrome arsenate (CCA) treated wood
- Shredded, pulverized, or processed waste

#### **4.4 Disease Vector Control**

Insect and rodent control is achieved primarily by maintaining the site to prevent standing water. Mulch windrows are turned on a set schedule and waste piles do not go unprocessed for longer than one week to minimize animal or insect population. Excessive vector populations can be controlled through the use of insecticides, rodenticides, or repellants.

#### **4.5 Air Quality and Fire Control**

Because many of the wood products entering the facility are dry when received, dust can result from material processing. The hog grinder is equipped with a sprayer at its entrance to wet the materials on the conveyor immediately prior to grinding to reduce dust release. Dust from vehicle movement on dry dirt surfaces and from handling dry processed materials is controlled with a water truck, by way of either a spray bar or a hose nozzle. Dust controls are implemented as needed to prevent other than incidental releases of dust beyond property boundaries.

The facility is within the jurisdiction of the Holly Grove Volunteer Fire Department. A letter from the fire department stating that they will respond to an incident at the facility with the appropriate equipment

is presented in the Appendix. In addition, Todco also owns a 1,100-gallon fire truck and enough water hoses to stretch across the site for dust control and fire suppression.

#### **4.6 Access and Site Safety**

The facility is open Monday through Saturday from 7:30 am to 4:30 p.m. During the winter, the facility is open Monday through Friday from 7:30 am to 4:30 p.m. and Saturday from 7:30 am to 12:30 p.m. A sign is posted at the facility entrance showing the contact name and phone number in case of emergency. A gate along Roy Lopp Road restricts access to the property.

Best Disposal, Inc. operates trucks, which transport wood waste to the site. In addition, private and commercial vehicles transport wood waste to the site. Vehicles entering the site pass through a scale and weigh house where the vehicle weight is checked before and after dumping the waste on the property. A fee is charged to each vehicle depositing waste at the site. A receipt is provided to the vehicle driver which shows the weight of the waste deposited and the fee charged. The general traffic flow pattern at the site is illustrated on Figure 3. Access roads are of all-weather construction (gravel) and are properly maintained. The roads are resurfaced once per year.

In the event of extreme weather (e.g., severe storms, heavy snow and ice, etc.), facility operations are either discontinued until the weather passes or modified to utilize existing mobile equipment and auxiliary power. The mobile tub grinder can replace the hog grinder for temporary operations during power outages, and portable generators are available on site for other power needs (scale, scale house, etc.). The facility's heavy equipment is used to clear on-site roads of snow and debris. Excess on-site storage capacity is available for temporary storage of incoming feedstocks during periods of compromised material processing or feedstock surges during storm damage.

#### **4.7 Erosion and Sedimentation Control**

Permanent drainage features such as roadside swales, culverts, and sediment traps are maintained regularly by on-site personnel to ensure positive drainage. Excessive erosion is controlled through the use of groundcover (vegetation and mulch), silt fences, and rip rap/stone structures to trap sediment before it leaves the site. Sediment traps are in place to capture concentrated stormwater and settle out suspended sediment

before discharging stormwater off-site. Sediment traps are cleaned periodically to provide sediment storage capacity.

#### **4.8 Drainage Control**

The subject facility is sited in such a manner that it should not result in point or non-point source pollution of waters of the State. The site is located on top of a topographic high or ridge, and stormwater management is such that spills or releases of contaminants should be contained before reaching adjacent surface waters. The majority of surface water flow across and off the site is sheet flow. Stormwater management practices include perimeter berms, sediment traps/settling basins, silt fences, and other physical barriers to direct releases into surface water.

#### **4.9 Operational Recordkeeping**

Records are kept at the site regarding wastes received and wastes processed and sold (i.e., pine bark, mulch, soil conditioner, boiler fuel, etc.). Records include customer or vendor name and address, type and weight of material received and sold, and date of transaction. An annual report is prepared each year for the period July 1 through June 30 and submitted to the Division of Waste Management by August 1. The annual report includes the facility name, address, and permit number and the report documents the total quantities and types of waste received, including waste received from local governments, and the quantities of product produced and sold. A blank copy of a Facility Annual Report for a Treatment & Processing Facility is included in the Appendix.

## 5.0 MONITORING PLAN

### 5.1 Surface Water

Todco operates under the NCDENR Division of Water Quality General Permit No. NCG210000 for stormwater discharges under the National Pollutant Discharge Elimination System (NPDES). A copy of the revised Certificate of Coverage (COC) under the permit is presented in the Appendix. Blue Ridge prepared a Stormwater Pollution Prevention Plan (SWPPP) for the subject facility which describes site operations and controls to minimize contaminants from migrating off-site by stormwater flow. The plan is revised and updated as necessary. Periodic surface water runoff sampling is required by the SWPPP plan. Blue Ridge and/or Todco personnel perform stormwater inspections and sampling at outfalls across the site on a regular basis.

### 5.2 Waste Acceptability Program

#### 5.2.1 Wood Waste

Todco currently employs a multi-stage waste screening program for its wood waste recycling process. The intent of the screening program is to prevent acceptance of excluded wastes by detecting excluded wastes before they arrive at the waste unloading area. Since Todco accepts wood waste from three sources, screening procedures vary depending on the source of the waste as follows:

- **Best Disposal Roll-off boxes** –Best Disposal drivers are trained to inspect each roll-off container prior to pickup to identify wastes not suitable for wood recycling. Roll-off containers suspected of containing excluded wastes are transported directly to the Davidson County landfill or other permitted facility for disposal. Roll-off containers appearing to contain acceptable wood wastes are transported to Todco. The Todco operations manager inspects each roll-off container prior to unloading. Based on visual inspection, the operations manager decides whether a roll-off container can be emptied on-site or diverted to an off-site facility. A final visual inspection is made by Todco personnel for excluded wastes after the roll-off is emptied. Identified excluded wastes (such as treated timbers) are separated and loaded into a roll-off container for disposal at an off-site permitted facility.

- **Commercial wood waste sources** - Todco accepts wood waste from a limited number of wood waste sources such as furniture and wood flooring manufacturers. Typically, these wastes are source separated at the manufacturing facility. Todco personnel visually inspect each incoming waste load prior to acceptance and will not accept loads suspected of containing excluded wastes. Todco personnel visually inspect waste loads as they are unloaded and either separate excluded wastes or reload the entire waste load for disposal at an off-site permitted facility.
- **Private wood waste sources** - Todco accepts wood waste from individuals on a case by case basis. Todco personnel inspect each waste load prior to unloading and divert those loads suspected of containing excluded wastes to an off-site permitted facility. Todco personnel visually inspect waste loads as they are unloaded and either separate excluded wastes or reload the entire waste load for disposal at an off-site permitted facility.

### 5.2.2 Construction and Demolition Waste

Todco proposes to begin accepting waste from construction and select demolition projects for sorting and recycling. The intent of the waste screening program will be to detect excluded wastes before they arrive at the Todco facility to ensure those wastes are disposed of at an approved facility. Todco anticipates receiving construction and demolition waste from three sources:

- **Best Disposal Roll-off Boxes** - Todco/Best Disposal will maintain records of roll-off containers placed at construction and demolition projects. Drivers will inspect roll-off containers at construction and demolition sites prior to pickup to visually identify waste loads containing excluded waste types. Drivers will contact the Todco operations manager for instructions when roll-offs are suspected of containing excluded waste types. The operations manager will decide whether to transport the roll-off to an off-site permitted facility or to Todco for further inspection. Once on-site, Todco personnel will identify roll-off containers intended for sorting and processing and will visually inspect the roll-off containers before unloading. Waste loads found to contain unacceptable materials will be diverted to an approved off-site disposal facility.
- **Other Commercial Haulers** – Todco plans to accept construction and demolition debris from other waste haulers on a case by case basis. Normal procedures will require a pre-authorization from Todco. The pre-authorization process will allow Todco to gather information on the source of

the waste and anticipated tonnage and allow Todco to dictate terms and conditions of receiving the waste. Each incoming waste load will be inspected at the gate by Todco personnel. Waste loads found to contain unacceptable materials will be diverted to an approved off-site permitted disposal facility. Todco personnel will visually inspect waste loads as they are unloaded at the sorting pad and either separate excluded wastes or reload the entire waste load for disposal at an off-site permitted facility.

Regardless of the source of the waste, any unloaded waste will be visually inspected for excluded wastes by the operations manager. The operations manager may direct Todco personnel to begin sorting the waste and separating excluded wastes into a separate roll-off container or the entire load may be reloaded into a roll-off container for transportation to an off-site permitted facility for disposal. Any excluded waste types that are found will be separated into a roll-off container and transported to an off-site permitted facility at the end of each operating day and/or when the roll off is full.

Todco personnel will monitor the total amount of waste accepted throughout the day to ensure that the sorting and processing operation runs smoothly and that excessive amounts of construction and demolition waste do not accumulate. All waste will be placed on the concrete pad, in bins, and/or under a canopy or tarp.

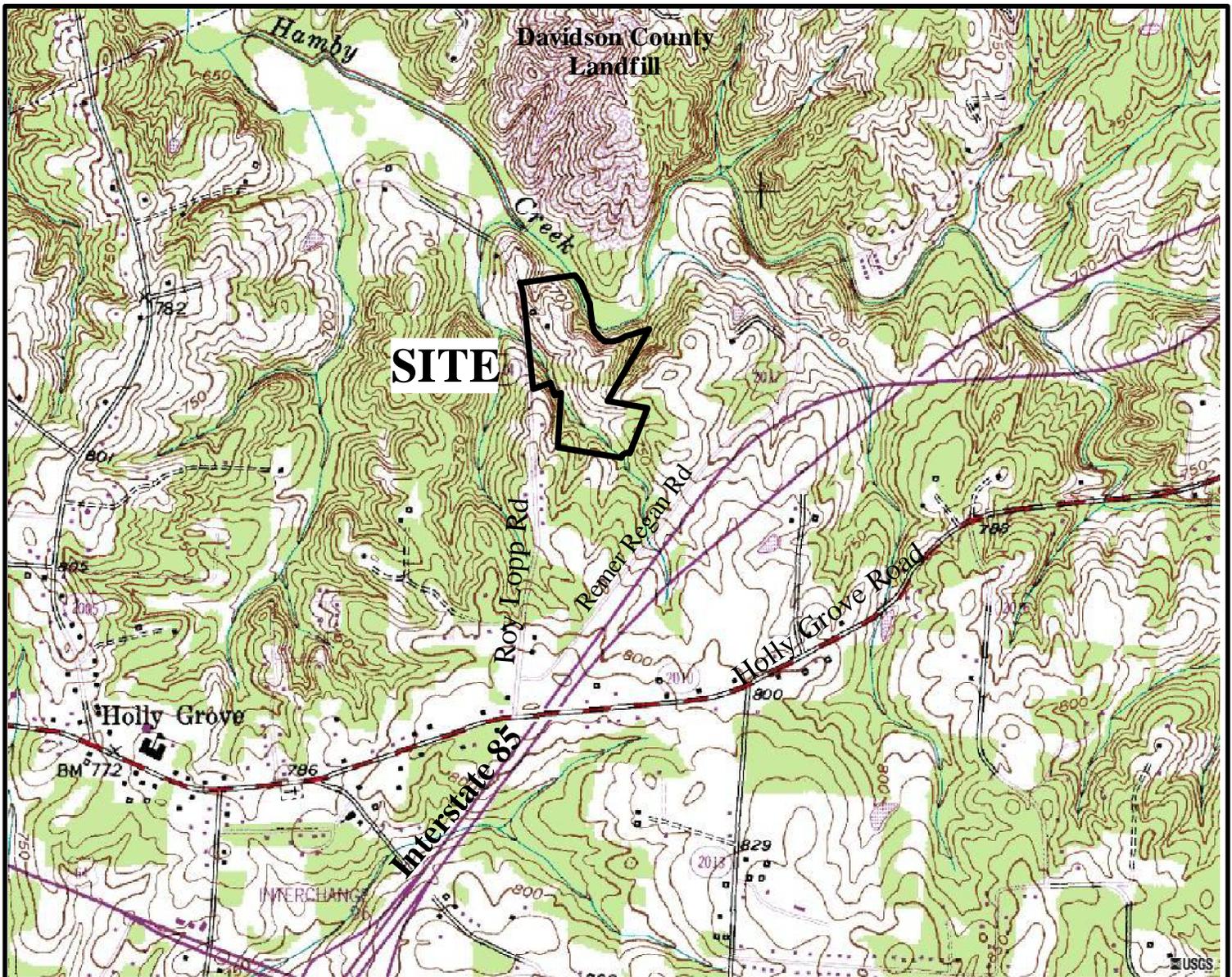
### **5.2.3 Contingency Plan**

Todco has ample space for storage of wood wastes in the event of a processing equipment breakdown, inclement weather, or other unforeseen circumstance. Todco can cease to accept construction and demolition waste and divert wastes to an off-site permitted facility as needed. In the event an excluded waste material is identified at the Todco site, Todco personnel will remove the waste as soon as practicable. Excluded wastes will be placed in a roll-off container and transported to an off-site permitted facility as soon as practicable.

### **5.2.4 Training**

Todco will provide training on an annual basis for drivers, scale operators, and sorting/processing personnel to identify excluded waste types. New employees will receive training upon commencement of employment. Training will focus on identification of excluded wastes, inspection procedures, and contingency plans to ensure proper management of wastes.

## **FIGURES**



REF.: USGS Lexington East, NC Quadrangle Dated 1950  
 photorevised 1994, from Microsoft Terraserver

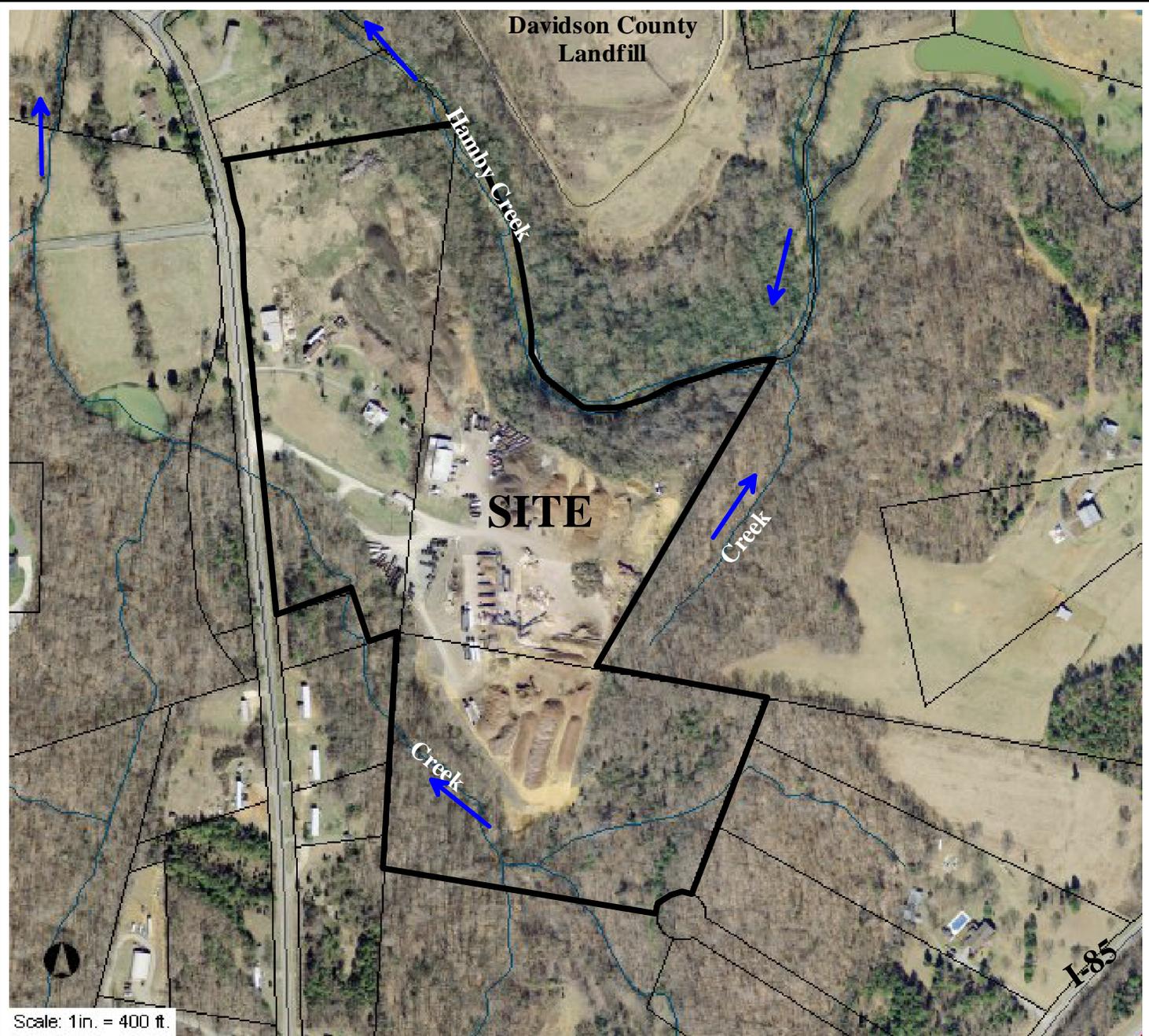


**Site Vicinity Map**

Todco, Inc.  
 1123 Roy Lopp Road  
 Lexington, North Carolina

Oct 2011

Figure 1



REF.: Davidson County GIS - 2009 Aerial Photograph



***Tax Map***

Todco, Inc.  
 1123 Roy Lopp Road  
 Lexington, North Carolina

Oct 2011

Figure 2



REF.: Todco photograph

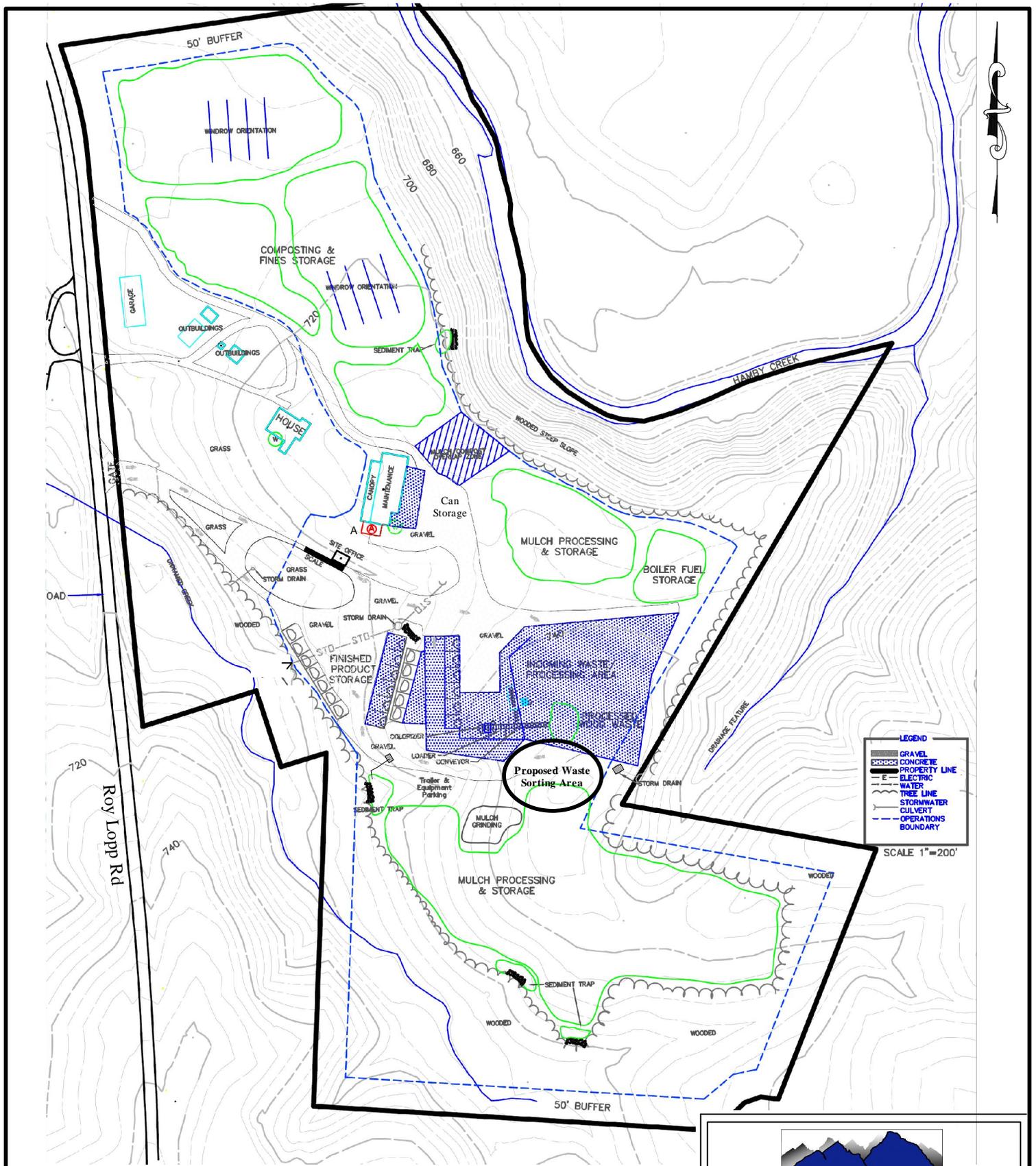


***2011 Aerial Photograph***

Todco, Inc.  
1123 Roy Lopp Road  
Lexington, North Carolina

Oct 2011

Figure 2A



**Legend**

A - Aboveground Storage Tank (AST) - three diesel ASTs

W - Water Supply Well

Approx Scale - 1 inch = 200 feet

REF.: Davidson County GIS, Survey by EcoLogic dated 1/04

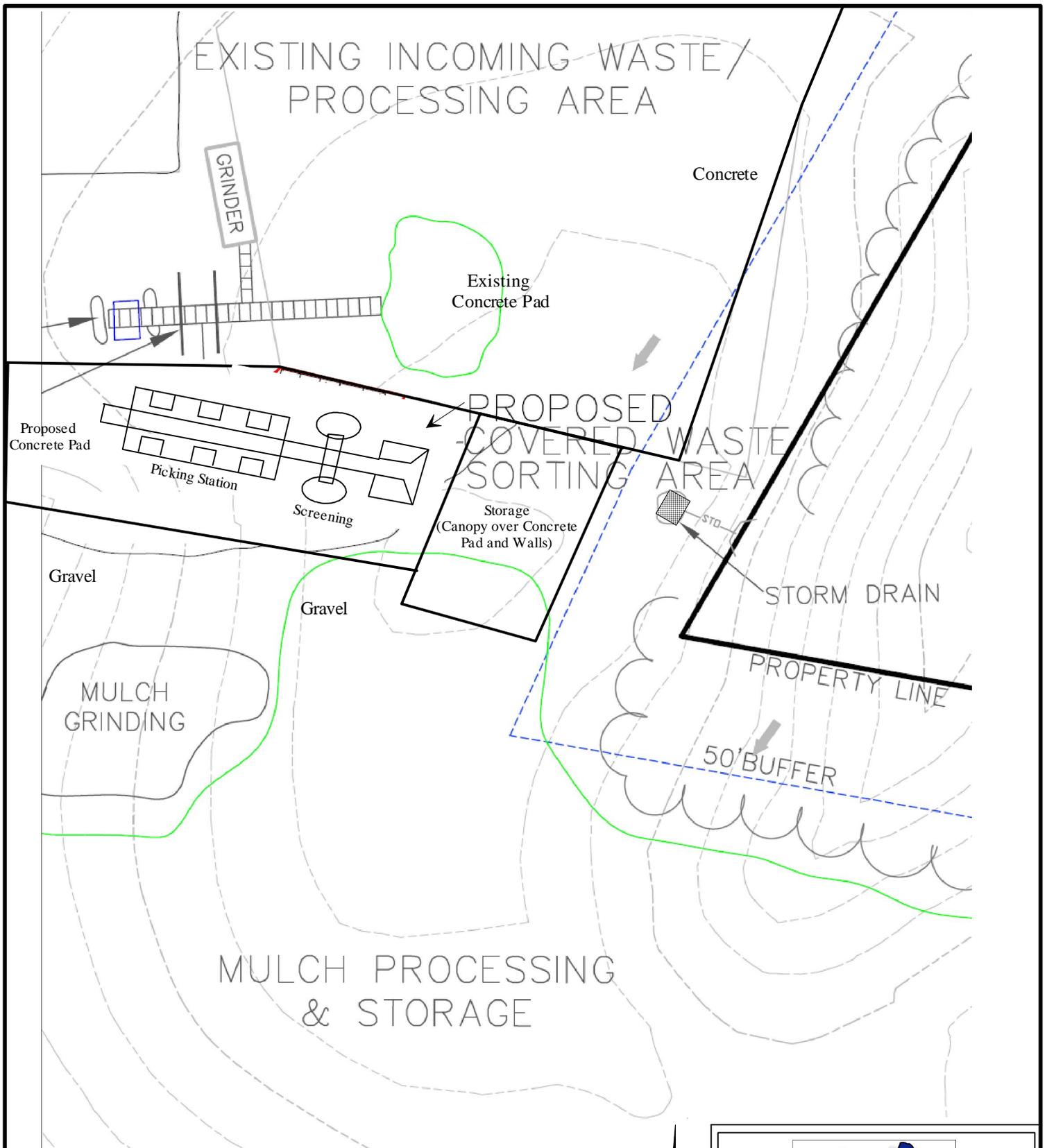


**Site Plan**

Todco, Inc.  
1123 Roy Lopp Road  
Lexington, North Carolina

Dec 2011

Figure 3



Scale: 1 inch = 50 feet

REF.: Davidson County GIS, Survey by Ecologic dated 1/2004





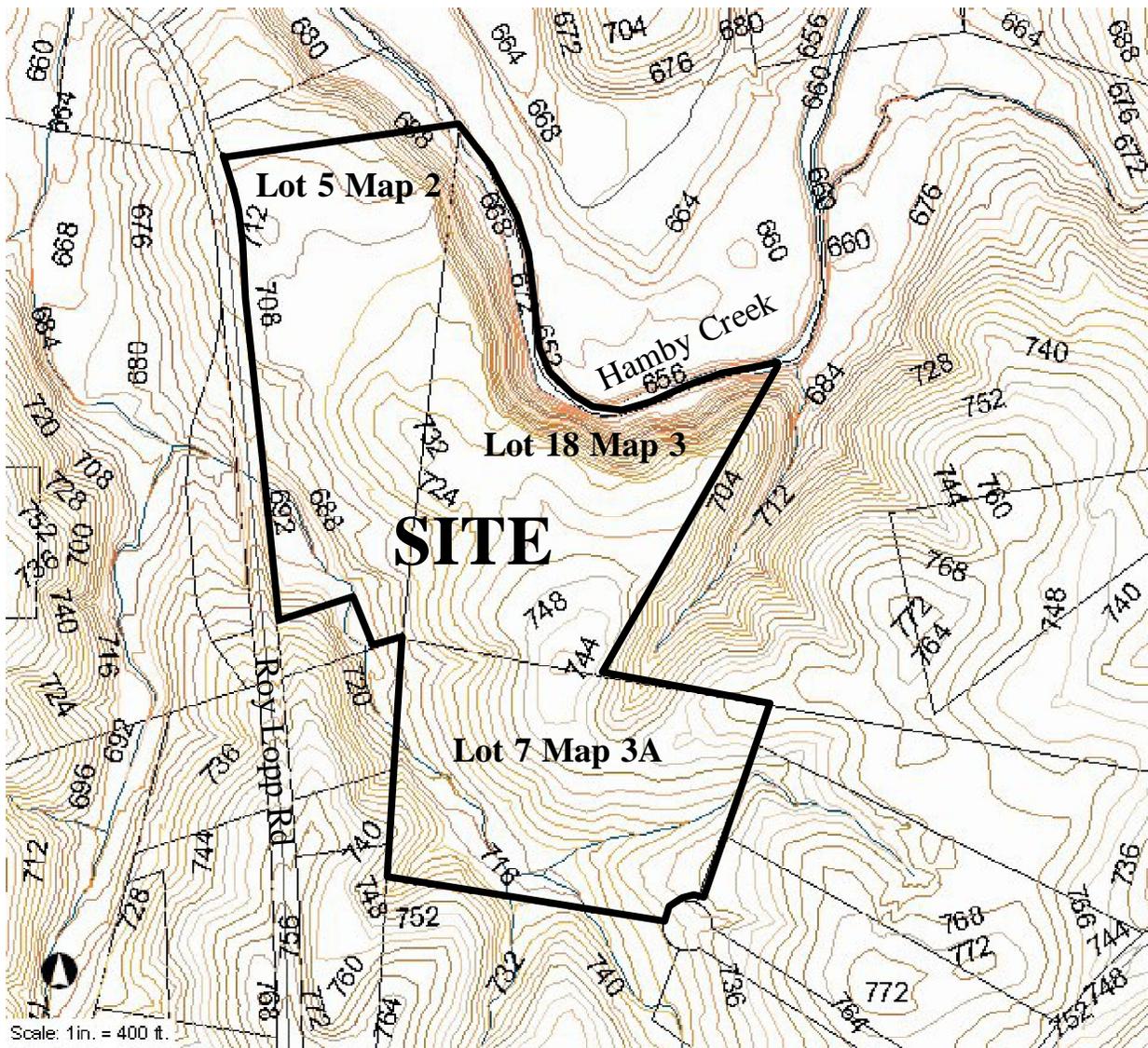
**BLUE RIDGE**  
GEOLOGICAL SERVICES, INC.

---

**Proposed Waste Sorting Area**

Todco, Inc.  
1123 Roy Lopp Road  
Lexington, North Carolina

Dec 2011	Figure 3A
----------	-----------



Notes:

1. Tax parcels identified as Lot 5 Map 2 and Lot 18 Map 3 are zoned Limited Industrial District (LI).
2. Tax parcel identified as Lot 7 Map 3A is zoned Conditional Use Limited Industrial (CU-LI).

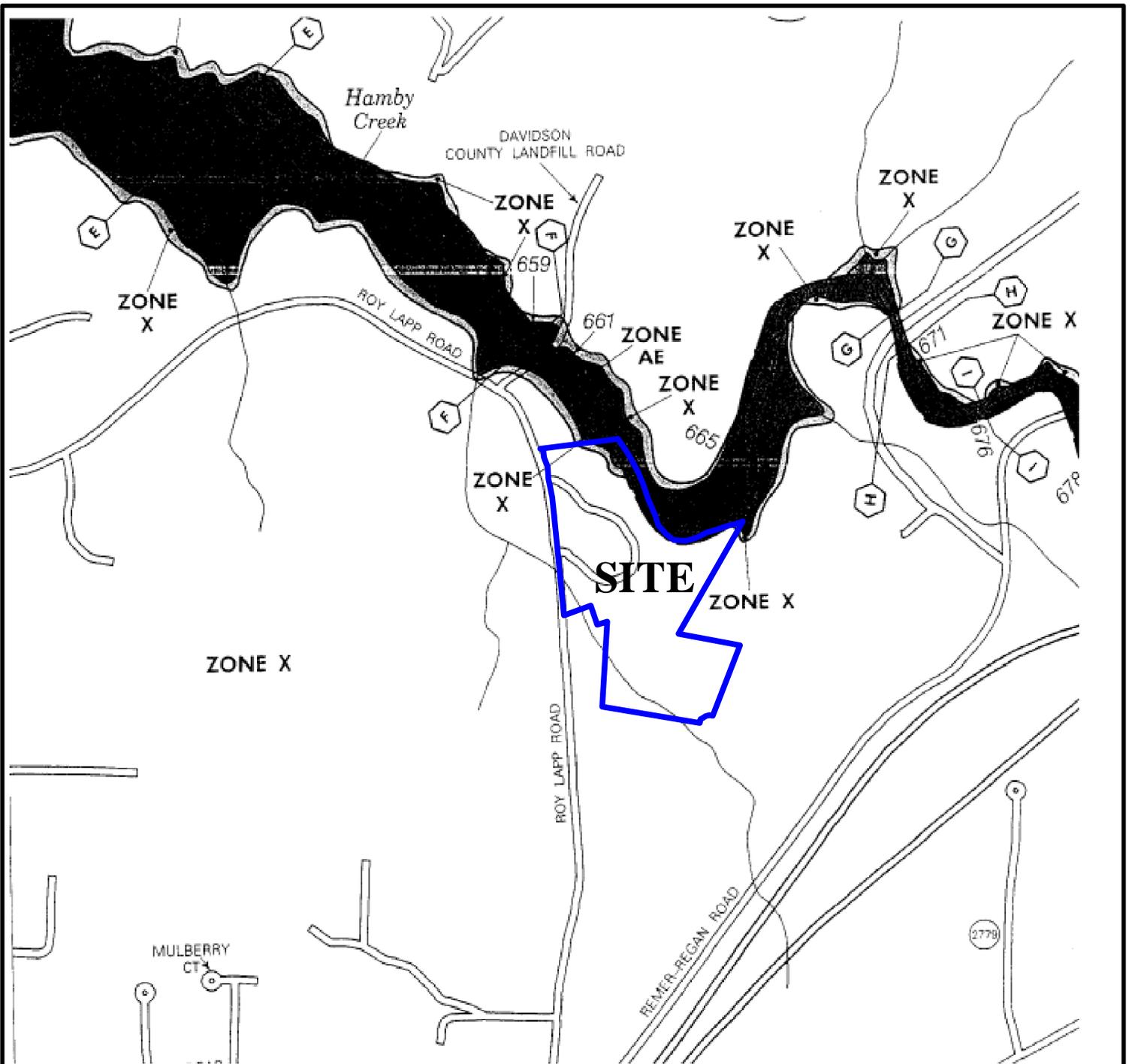
REF.: Davidson County GIS





**Topographic Map**  
 Todco, Inc.  
 1123 Roy Lopp Road  
 Lexington, North Carolina

Oct 2011	Figure 4
----------	----------



REF.: FEMA FIRM Map Panel 210 of 400  
 Map No. 37057C0210 D



***Flood Map***  
 Todco, Inc.  
 1123 Roy Lopp Road  
 Lexington, North Carolina

Oct 2011	Figure 5
----------	----------

## **APPENDIX**



**North Carolina Department of Environment and Natural Resources**

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

May 5, 2004

Mr. Todd Warfford, President  
Todco, Inc.  
1123 Roy Lopp Road  
Lexington, NC 27292

RE: Todco, Inc Wood Recycling Facility  
Permit Number 29-08 – Davidson County

Dear Mr. Warfford:

Enclosed is the Todco, Inc. Wood Recycling Facility permit to operate a Treatment and Processing and Type 1 Compost Facility at 1123 Roy Lopp Road, Lexington, North Carolina in Davidson County, North Carolina. Please review the permit conditions.

Mr. Hugh Jernigan, Waste Management Specialist, Winston-Salem Regional Office is your contact person and can be reached at 336-771-4600. If I can be of further assistance, please call me at 919-733-0692 ext. 253.

Sincerely,

Ted Lyon, Supervisor  
Composting & Land Application Branch

Cc: Hugh Jernigan, WSRO  
SW File Room

H:\cla\compost\permits\29-davidson\TodcoIncWoodRecyFac\_29-08-May-04-cl

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
1646 Mail Service Center RALEIGH, N.C. 27699-1646

**Todco, Inc Wood Recycling Facility**

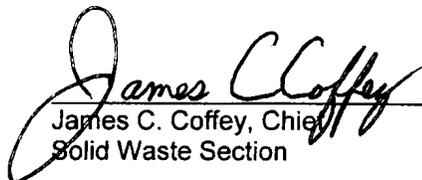
is hereby issued a permit to operate a

**Solid Waste Treatment and Processing  
and Type I Compost Facility**

At 1123 Roy Loop Road  
Davidson County, NC

**Permit Number 29-08**

In accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit.

  
James C. Coffey, Chief  
Solid Waste Section

04/29/04  
Date



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Beverly Eaves Perdue  
Governor

Dee Freeman  
Secretary

April 30, 2009

Mr. Todd Warfford  
Todco, Inc.  
1123 Roy Lopp Rd  
Lexington, NC 27292

Re: Todco, Inc Wood Recycling Facility  
Permit Number 29-08 – Davidson County

Dear Mr. Warfford,

Enclosed is the Todco, Inc. Wood Recycling Facility permit to operate a Treatment and Processing Facility at 1123 Roy Lopp Road in Lexington, North Carolina. Please review the permit conditions since parts of the operation have changed since the previous permit.

Mr. Hugh Jernigan, Environmental Senior Specialist, is the inspector for your facility and can be reached at 336-771-5093. Please let me know if you have any questions regarding your permit or treatment and processing of solid waste. You can reach me at 919-508-8508.

Sincerely,

Michael E. Scott, Supervisor  
Composting and Land Application Branch

Cc:  
Hugh Jernigan, Environmental Senior Specialist  
Central File

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
1646 Mail Service Center Raleigh, N.C. 27699-1646

**Todco, Inc Wood Recycling Facility**

is hereby issued a permit to operate a

**Solid Waste Treatment and Processing Facility**

At 1123 Roy Lopp Road  
Davidson County, NC

**Permit Number 29-08**

In accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit.

4-16-09  
Date

  
Paul S. Crissman, Chief  
Solid Waste Section

Operator: Todd Warfford  
T&P #: 29-08  
County: Davidson

Page 2 of 3

#### Permit Conditions

1. Operation and maintenance of this facility shall be in accordance with the Solid Waste Management Rules (15A NCAC 13B, Section .0202), the permit application and the Operation Plan submitted with the permit application. Failure to comply may result in compliance actions or permit revocation.
2. Any leachate generated at the facility shall be managed in such a manner that there will be no degradation of ground or surface waters.
3. This facility shall be operated in such a manner that soil erosion and runoff from the site shall be controlled. Erosion and runoff control structures shall be maintained in place and in proper working order.
4. The 50-foot property line buffer shall be maintained free of waste and final product.
5. Only materials specifically listed in the permit application may be managed at this facility without adequate testing and prior approval of the Division of Waste Management. Low carbon-nitrogen wastes, such as grass clippings shall not be received at the facility. Any heat generation in excess of 110 degrees Fahrenheit (composting) in any of the piles of material at the facility will be considered a permit violation and shall result in the facility meeting all the requirements of Section .1400 of the Solid Waste Management Rules within 3 months.
6. Non conforming waste received at the facility or removed from final product during screening shall be maintained in an appropriate on-site container or removed from the facility within 24 hours and properly disposed. Contaminated soils may not be managed at this facility.
7. Groundwater monitoring wells may be required if there is indication of the potential for groundwater contamination.
8. This facility shall be operated and maintained with sufficient dust control measures to minimize airborne emissions and to prevent dust from becoming a nuisance or safety hazard.
9. The amount of waste received and the amount and type of products sold or otherwise distributed shall be reported to the Division of Waste Management by August 1<sup>st</sup> of each year for the previous July 1 to June 30.

Operator: Todd Warfford  
T&P #: 29-08  
County: Davidson

Page 3 of 3

10. This permit shall expire on **April 13, 2014**. A change in ownership, increase in facility capacity, process changes or receiving additional waste types shall require a permit modification.

CONDITIONAL USE PERMIT

Applicant : Todd A. Warfford
Address : 966 Roy Lopp Road
City/St/Zip : Lexington, NC 27292
Phone : 336-248-4547

Date : 1-10-08
Parcel ID # : 5-3A-P/O 7 5-2-P/O 5
Parcel Size : 7.91 ±

Property Location/Directions: Off of the east side of Roy Lopp Road approxi-
mately .9 mile north of the E Holly Grove Road intersection.

Property's Previous Zoning Classification: RA-3, Rural Agricultural
Property's New Classification: CU-LI Conditional Use, Limited Industrial

Acting Board: Decisions: Date:
Planning & Zoning Board 5 to 0 to grant 12-18-07
County Commissioners 7 to 0 granted 01-07-08

The Board of Commissioners make the following findings:

- (a) that the development of the property in accordance with the proposed conditions will not materially endanger the public health or safety;
(b) that the development of the property in accordance with the proposed conditions will not substantially injure the value of adjoining or abutting property, or that the development is a public necessity; and
(c) that the location and character of the development in accordance with the proposed conditions will be in harmony with the area in which it is to be located and in general conformity with the plan of development of the County and its environs.

CONDITIONS/USES

- 1) Conditions apply only to the 7.91 acres.
2) Activities on the site are limited to those listed by the applicant as part of the application and pertaining to the recycling business.
3) Hours of operation are Monday through Saturday 6:00 AM - 6:00 PM except during weather emergencies such as ice storms or tornadoes.
4) Trees are to be planted along new access drive as shown on site plan. Trees should be of evergreen variety such as Levland Cypress, Red Cedar, or White Pine
5) Fifty foot buffer will remain in RA-3 district to prevent encroachment on adjoining properties.

The Davidson County Board of Commissioners has caused this permit to be issued together with all its conditions, to the above mentioned applicant for the intended use of Wood Recycling Business. The applicant shall complete the development strictly in accordance with the plans submitted to and approved by this Board, and this permit shall be binding on the applicant and successors in interest.

Any violation of a condition of this permit shall be treated the same as any other violation of the Davidson County Zoning Ordinance and shall be subject to the same remedies and penalties. If any condition of this permit is found to be illegal or invalid, or if the applicant should fail to accept any condition, then this permit shall be null and void and of no effect and proceedings shall be instituted to rezone the property to its previous zoning classification. This permit shall be perpetually binding upon the property and its successors in interest unless said permit is later changed or amended pursuant to the terms of the Davidson County Zoning Ordinance.

1-10-08

Date

Davidson County Planning Department
116 W. Center St. - P.O. Box 1067
Lexington, N.C. 27293
(704) 242-2220

Chairman
Board of Commissioners
Larry W. Potts
Ex-Officio, Clerk to the
Board of Commissioners
Davidson County



**DAVIDSON COUNTY PLANNING DEPARTMENT**

GOVERNMENTAL CENTER  
913 GREENSBORO STREET  
POST OFFICE BOX 1067  
LEXINGTON, NORTH CAROLINA 27293-1067

GUY L. CORNMAN, III  
PLANNING DIRECTOR

TOLL FREE NUMBERS:  
LEXINGTON 336-242-2220  
THOMASVILLE 336-472-8016  
WINSTON SALEM 336-723-7890 EXT. 2220  
DENTON 336-859-2194 EXT. 2220

June 3, 2002

Mr. Todd Warfford  
C/O Todco Inc.  
1123 Roy Lopp Road  
Lexington, NC 27292

To Whom It May Concern:

This letter is in reference to property owned by Todd A. & Cherie Warfford located at 1123 Roy Lopp Road. Said property is further described as Conrad Hill Township, Tax Map 3, Lot 18 and is in a LI, Limited Industrial District.

A wood recycling facility is a permitted use within a LI district. To the best of my knowledge, the existing facility meets all the requirements of the Davidson County Zoning Ordinance.

Should you need any additional information, please contact me at 336-242-2227.

Sincerely,

John H. Mendenhall,  
Zoning Officer



**EcoLogic Associates, P.C.**  
218-4 Swing Rd. • Greensboro, NC 27409  
(336) 855-8108 • Fax (336) 855-7688  
[www.ecologic-nc.com](http://www.ecologic-nc.com)

April 11, 2002

Todd Warfford, President  
TodCo, Inc.  
1123 Roy Lopp Road  
Lexington, NC 27292

**RE: Natural Resources Inventory  
Todco Inc. Wood Recycling Facility**

A site visit to the existing wood recycling facility was conducted on April 8, 2002 by the undersigned. The purpose of the visit was to document the presence or absence of rare or endangered species and/or their habitat. The recycling facility covers about 85 percent of the property. The wood processing facility is located in the center portion of the property, surrounded by a buffer of relatively undisturbed forest on the north, east and south sides. We reconnoitered the entire property by walking inside the perimeter of the property line, with occasional excursions along gullies, through forested areas and along the creeks. The locations disturbed by the current commercial activity are not expected to change; the creek corridor buffers will not be disturbed.

Along Hamby Creek (north and west margins of the site), a Piedmont Alluvial Forest occurs, with some of the canopy trees on site being Box elders, Sycamores, Tulip trees and River Birch in the wetter sites. None of these trees are very large. A small floodplain bench occurs along the edge of Hamby Creek. The largest trees occur along the edge of the creek. This area is very steep, with soft moist soils and a thick cover of Japanese Honeysuckle in most places. In less weedy areas, some wildflowers like toad shade trilliums, dog-tooth violets and evergreen gingers occur. Some of the upper slope area was disturbed by logging and debris pushed over the edge when the top of the hill was flattened and enlarged.

The property is bordered along the southern edge by a small valley with an ephemeral stream, a tributary of Hamby Creek. This valley is less steep, drier and covered with a more mature Oak-Hickory Forest. The eastern edge of the property is the Roy Lopp Road corridor.

Davidson County does have listed rare species that have been reported recently, as well as obscure and historic listings that are vague with regard to exact locations, so we checked for these on the Todco site as well. Our visit during the spring is a good time to conduct an inventory, as most plants are actively growing and should be easy to spot. It is also possible to use a combination of habitat and land-use analysis and knowledge of the target species to make a determination about possible occurrence. Many rare species

Todco Inc. Natural Resources Inventory

require rare habitats like upland wetland pools, fire maintained meadows or soils of high pH over mafic rocks, none of which occur at this site.

Prior to the visit, we checked with the North Carolina Natural Heritage Program for the current list of rare species that might be found in the East Lexington area of Davidson County. In all of Davidson County there are current records of seven (7) listed rare plants, one fish, one crustacean and one bird. There are also historic records of 3 to 4 other plants that have not been noted in the recent past. Several of these species are found in open, thin woods or along roadsides over mafic rocks, usually maintained by fire or mowing. This group includes the Piedmont Indigo-bush (*Amorph Schwerinii*), Georgia Aster (*Aster georgianus*), Heller's Rabbit Tobacco (*Gnaphalium helleri*), Schweinitz's Sunflower (*Helianthus schweinitzii*) and Indian Physic (*Porteranthus stipulatus*). No suitable habitat for these species was noted during our visit. Several other species like Dissected Toothwort (*Cardamine dissecta*) are found along the riparian bottomlands in the western part of the County; however, they were not identified on this site. The listed fish and crayfish species are found in other parts of the County and in habitat types that are not found in areas impacted by the Todco commercial activity.

The only rare species listed from the Lexington East quadrangle (USGS map unit) at this time are the Greensboro Burrowing Crayfish (*Cambarus catagius*), a state-listed Significantly Rare species, and the Glade Milkvine (*Matelea decipiens*), which is a historic reference not seen recently. These species were not noted on the property owned by Todco.

Based on the results of the field visit, it is our opinion that the commercial wood recycling activity on the property of Todco, Inc. does not and will not impact any occurrences of rare or endangered species. Should additional investigations be required, please contact us.

Sincerely,

EcoLogic Associates, P.C.

A handwritten signature in black ink that reads "Kenneth A. Bridle" followed by the initials "KAB" in a smaller, more stylized script.

Kenneth A. Bridle, Ph.D.  
Principal Biologist

**TABLE 1**  
**WELL INFORMATION AND GROUNDWATER DATA**

Piezometer No.	Total Depth (ft btoc)	Date Water Level Measured	Depth to Water (ft btoc)	Stickup (ft, TOC to GS)	Depth to Water (ft, bgs)
P-1	4.08	4/4/2002	Dry	0.90	> 3.18
		4/16/2002	2.81		1.91
		4/23/2002	Dry		> 3.18
		5/8/2002	Dry		> 3.18
		6/3/2002	Dry		> 3.18
		11/18/2003	Dry		> 3.0
P-2	3.19	4/4/2002	Dry	1.08	> 2.11
		4/16/2002	Dry		> 2.11
		4/23/2002	Dry		> 2.11
		5/8/2002	Dry		> 2.11
		6/3/2002	Dry		> 2.11
		11/18/2003	unable to locate		
P-3	2.04	4/4/2002	Dry	0.25	> 1.79
		4/16/2002	Dry		> 1.79
		4/23/2002	Dry		> 1.79
		5/8/2002	Dry		> 1.79
		6/3/2002	Dry		> 1.79
		11/18/2003	unable to locate		
P-4	2.80	4/4/2002	Dry	0.76	> 2.04
		4/16/2002	Dry		> 2.04
		4/23/2002	Dry		> 2.04
		5/8/2002	Dry		> 2.04
		6/3/2002	Dry		> 2.04
		11/18/2003	Dry		> 2.04
P-5	2.41	4/4/2002	Dry	1.04	> 1.37
		4/16/2002	Dry		> 1.37
		4/23/2002	Dry		> 1.37
		5/8/2002	Dry		> 1.37
		6/3/2002	Dry		> 1.37
		11/18/2003	Dry		> 1.37
P-6	4.66	4/16/2002	Dry	0.80	> 3.86
		4/23/2002	Dry		> 3.86
		5/8/2002	Dry		> 3.86
		6/3/2002	Dry		> 3.86
		11/18/2003	unable to locate		
P-7	4.24	4/16/2002	Dry	2.30	> 1.94
		4/23/2002	Dry		> 1.94
		5/8/2002	Dry		> 1.94
		6/3/2002	Dry		> 1.94
		11/18/2003	4.24		1.94
P-8	4.65	4/16/2002	Dry	2.20	> 2.45
		4/23/2002	Dry		> 2.45
		5/8/2002	Dry		> 2.45
		6/3/2002	4.58		2.38
		11/18/2003	4.56		2.36

Notes:

ft btoc = feet below the top of the well casing

ft bgs = feet below the ground surface



# U.S. Fish and Wildlife Service National Wetlands Inventory

Todco

Mar 14, 2011



## Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Mail To: Rt. 1, Box 686, Lexington, NC 27292

WARRANTY DEED—Form WD-601 Printed and for sale by James Williams & Co., Inc., Yadkinville, N. C.

STATE OF NORTH CAROLINA, DAVIDSON County. THIS DEED, Made this 16th day of May, 1990, by and between Albert Lee Scarlett and wife, Dorothy Lopp Scarlett of Davidson County and state of North Carolina, hereinafter called Grantor, and Sherry Scarlett Warfford (1/2 undivided interest) and Todd Avery Warfford (1/2 undivided interest) of Davidson County and State of North Carolina, hereinafter called Grantee, whose permanent mailing address is Rt. 1, Box 686, Lexington, NC 27292

WITNESSETH: That the Grantor, for and in consideration of the sum of Ten and 00/100 Dollars and other good and valuable considerations to him in hand paid by the Grantee, the receipt whereof is hereby acknowledged, has given, granted, bargained, sold and conveyed, and by these presents does give, grant, bargain, sell, convey and confirm unto the Grantee, his heirs and/or successors and assigns, premises in Conrad Hill Township, Davidson County, North Carolina, described as follows:

BEGINNING at a large stone, Conrad and Reagan corner, and being the southeast corner of tract herein described; thence South 74° 40' West 373.05 feet to an iron stake in center line of State Road #2014; thence with the center line of said road the following courses and distances: North 35° 17' West 145.70 feet; North 20° 36' West 97.00 feet; North 2° 51' West 285.42 feet; North 7° 02' East 142.30; North 20° 02' East 177.40 feet; North 11' 17" East 100.00 feet; North 4° 32' East 100.00 feet; North 1° 44' West 149.00 feet; North 9° 55' West 121.90 feet to a point in the center of State Road #2014, and designated by iron stakes on each bank of said road; thence with a new line, now Brinkley, North 84° 51' East 608.10 feet to an iron stake in Hamby's Creek, Conrad and Brinkley corner; thence with Conrad line South 9° 13' West 1241.80 feet to the point of beginning containing 15.26 acres.

For reference see Deed Book 80, Page 176; Deed Book 121, Page 444; Deed Book 439, Page 602.

LESS AND EXCEPT 1.00 acre deeded by previous deed by Marvin J. Tysinger and wife, Josephine Tysinger.

No Title Examination

FILED BK. 711 PG. 838 MAY 18 10 49 AM '90 ROH: DEPUTY REGISTER OF DEEDS DAVIDSON CO. N.C.

The above land was conveyed to Grantor by See Book No. Page TO HAVE AND TO HOLD The above described premises, with all the appurtenances thereunto belonging, or in any wise appertaining, unto the Grantee, his heirs and/or successors and assigns forever. And the Grantor covenants that he is seized of said premises in fee, and has the right to convey the same in fee simple; that said premises are free from encumbrances (with the exceptions above stated, if any); and that he will warrant and defend the said title to the same against the lawful claims of all persons whomsoever. When reference is made to the Grantor or Grantee, the singular shall include the plural and the masculine shall include the feminine or the neuter. IN WITNESS WHEREOF, The Grantor has hereunto set his hand and seal, the day and year first above written. Albert Lee Scarlett (SEAL) Dorothy Lopp Scarlett (SEAL)

STATE OF NORTH CAROLINA DAVIDSON COUNTY. I, the undersigned, a Notary Public of said County, do hereby certify that Albert Lee Scarlett and wife, Dorothy Lopp Scarlett Grantor, personally appeared before me this day and acknowledged the execution of the foregoing deed. Witness my hand and notarial seal, this 17th day of May, 1990. My Commission Expires: Nancy J. Kincaid N. P. (SEAL)

STATE OF NORTH CAROLINA COUNTY. I, a Notary Public of said County, do hereby certify that Grantor, personally appeared before me this day and acknowledged the execution of the foregoing deed. Witness my hand and notarial seal, this the day of 19 My Commission Expires: N. P. (SEAL)

STATE OF NORTH CAROLINA, Davidson County. The foregoing certificate(s) of (are) certified to be correct. This instrument was presented for registration this 30th day of May, 1990 at A. M., P. M., and duly recorded in the office of the Register of Deeds of Davidson County, North Carolina, in Book Page This the day of A. D., 1990 by Ronald W. Callcut Register of Deeds Nancy J. Kincaid Assistant, Deputy Register of Deeds

This Deed drawn by Scott V. Curry, Attorney, 111 West Center Street, Lexington, NC 27292 7373

17  
2  
1.50  
BT

DAVIDSON COUNTY NC 03/18/2004  
11 \$1.00



Real Estate  
Excise Tax

DAVIDSON COUNTY NC  
Book 1507  
Pages 0107-0108

FILED 2 PAGE(S)  
03/18/2004 11:21 AM  
RONALD W. CALLICUTT  
Register Of Deeds

DEED PREPARATION ONLY  
NO TITLE OPINION RENDERED  
Recording Time, Book and Page  
Excise Tax \$ 1.00  
Tax Lot No. \_\_\_\_\_ Parcel Identifier No. 0500200000005  
Verified by \_\_\_\_\_ County on the \_\_\_\_\_ day of \_\_\_\_\_, 2004  
by \_\_\_\_\_

Mail after recording to Grantee, 966 Roy Lopp Road, Lexington, NC 27292  
This instrument was prepared by Charles H. McGirt, Attorney at Law, Lexington, NC 27292

Brief Description for the index  
Lot 5, Bk 741, pg. 838,  
Roy Lopp Road

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made the 10th day of March, 2004, by and between

GRANTOR	GRANTEE
Sherry Scarlett Warfford Hedrick and husband, Jacob Richard Hedrick	Todd Avery Warfford 966 Roy Lopp Road Lexington, NC 27292

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

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

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple her one-half undivided interest in all that certain lot or parcel of land situated in the City of Conrad Hill Township, Davidson County, North Carolina and more particularly described as follows:

BEGINNING at a large stone, Conrad and Reagan corner, and being the southeast corner of tract herein described: thence South 74° 40' West 373.05 feet to an iron stake in center line of State Road #2014; thence with the center line of said road the following courses and distances: North 35° 17' West 145.70 feet; North 20° 36' West 97.00 feet; North 2° 51' West 285.42 feet; North 7° 02' East 177.40 feet; North 11° 17' East 100.00 feet; North 4° 32' East 100.00 feet; North 1° 44' West 149.00 feet; North 9° 59' West 121.90 feet to a point in the center of State Road #2014, and designated by iron stakes on each bank of said road; thence with a new line, now Brinkley, North 84° 51' East 608.10 feet to an iron stake in Hamby's Creek, Conrad and Brinkley corner; thence with Conrad line South 9° 13' West 1241.80 feet to the point of BEGINNING, containing 15.26 acres.

For reference see Deed Book 80, Page 176; Deed Book 121, Page 444; Deed Book 439, Page 602.

LESS AND EXCEPT 1.00 acre deeded by previous deed by Marvin J. Tysinger and wife, Josephine Tysinger, and described as follows:

BEGINNING at an iron stake in the center line of Lopp Road, State #2014, on Miller Heirs' line;

0007428

thence with the center line of State Road #2014 North 35° 17' West 145.7 feet to a point in the center line of State Road #2014, new corner to William A. Lopp Heirs; running thence with the new line to Lopp Heirs North 74° 40' East 307.60 feet to an iron stake, new corner, Lopp Heirs; thence with a second new line crossing branch South 35° 17' East 157.72 feet to an iron stake on Lee Miller's Heirs' line (said iron stake being South 74° 40' West 60 feet from stone Southwest corner of original tract); thence with Lee Miller Heirs' line South 74° 40' West 313.05 feet to the point of BEGINNING, containing 1 acre, more or less, and being a portion of the 65-acre tract as referred to in Book 80, Page 176, in the Register of Deeds Office of Davidson County, North Carolina.

The property hereinabove described was acquired by Grantor by instrument recorded in Deed Book 741, Page 838.

A map showing the above described property is recorded in Plat Book \_\_\_\_\_, Page \_\_\_\_\_.

TO HAVE AND TO HOLD the aforesaid one-half undivided interest in said lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey her one-half undivided interest in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

All easements, rights-of-ways, restrictions, and reservations of record.

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

Sherry Scarlett Warford Hedrick (SEAL)  
Sherry Scarlett Warford Hedrick

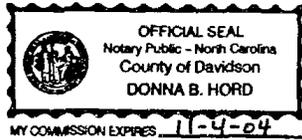
Jacob Richard Hedrick (SEAL)  
Jacob Richard Hedrick

SEAL-STAMP NORTH CAROLINA, DAVIDSON COUNTY

I, Donna B. Hord a Notary Public of the County and State aforesaid, do hereby certify that Sherry Scarlett Warford Hedrick and husband, Jacob Richard Hedrick, personally appeared before me this day and acknowledged the execution of the foregoing instrument.

WITNESS my hand and official seal, this 10th day of March, 2004.

Donna B. Hord  
Notary Public



.....  
The foregoing Certificate(s) of Donna B. Hord is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

Ronald W. Callicutt REGISTER OF DEEDS FOR DAVIDSON COUNTY

By Sherry Hedrick Deputy/Assistant-Register of Deeds.

BK 112 L PG 0538

FILED

99 FEB 19 PM 3:23

RONALD W. SULLIVANT  
REGISTER OF DEEDS  
DAVIDSON COUNTY, N.C.

14.00

Excise Tax \$ 0

Recording Time, Book and Page

Tax Lot No. 05-002-0-000-0014 (whole) Parcel Identifier No.  
05-003-0-000-0018 (whole)  
Verified by ..... County on the ..... day of ..... 19.....  
by .....

Mail after recording to Grantee .....

This instrument was prepared by Charles H. McGirt, 10 LSB Plaza, Lexington, NC 27292

Brief description for the Index

### NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this ..19th... day of ...February....., 19..99... by and between

**GRANTOR**  
Dorothy L. Scarlett (Widow)  
  
717 County Home Road  
Lexington, NC 27292

**GRANTEE**  
Todd Avery Warford and wife,  
Cherie Dawn Walker Warford  
1123 Roy Lopp Road  
Lexington, NC 27292

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

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

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

..... Davidson ..... County, North Carolina and more particularly described as follows:  
SEE EXHIBIT "A" ATTACHED HERETO AND INCORPORATED HEREIN BY REFERENCE.

0004704

SoftPro

The property hereinabove described was acquired by Grantor by instrument recorded in Book 501, Page 642; Book 504, Page 782, Davidson County Registry.

A map showing the above described property is recorded in Plat Book ..... page ..... TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Title to the property hereinabove described is subject to the following exceptions: All easements, rights-of-way, restrictions and reservations of record. 1999 Ad Valorem Taxes.

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

..... (Corporate Name) BY: ..... President ATTEST: ..... Secretary (Corporate Seal)

USE BLACK INK ONLY

Dorothy L. Scarlett (Widow) (SEAL) (SEAL) (SEAL) (SEAL)

SEAL-STAMP NORTH CAROLINA, Davidson County.

LINDA W. RANKIN Notary Public, State of North Carolina Qualified in Davidson County

I, a Notary Public of the County and State aforesaid, certify that Dorothy L. Scarlett (Widow) Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 19th day of February, 1999. My commission expires: 02-10-01 Linda W. Rankin Notary Public

SEAL-STAMP NORTH CAROLINA, ..... County.

I, a Notary Public of the County and State aforesaid, certify that ..... Secretary of ..... a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by ..... Secretary. Witness my hand and official stamp or seal, this ..... day of ..... 19..... My commission expires: ..... Notary Public

The foregoing Certificate(s) of Linda W. Rankin

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

Wm. H. W. Callahan REGISTER OF DEEDS FOR Davidson COUNTY by Michelle Oberford Deputy/Assistant - Register of Deeds

## EXHIBIT "A"

TRACT I:

BEGINNING at a point in the center of N.C.S.R. #2014 at a 36" culvert, Ball's corner. Thence with the center of branch and a new line North 44 deg. 49' East 490.00 feet to the intersection of branch and Hamby's Creek. (Said point being South 22 deg. 05' East 90.00 + or - from the southwest corner of Al Scarlett 26.00 acre tract). Thence down the north east bank of Hamby's Creek the following courses and distances, South 22 deg. 05' East 200.00 feet, Thence South 37 deg. 50' East 146.00 feet, thence South 51 deg. 35' East 161.00 feet, thence South 44 deg. 05' East 312.00 feet, thence South 20 deg. 23' East 117.65 feet to an iron stake in the center of Hamby's Creek, Conrad corner, now Al Scarlett. Thence South 84 deg. 51' West 608.10 feet to a point in the center of N.C. S.R. #2014 Ball's corner. Thence with the center of said road the following courses and distances, North 16 deg. 53' West 244.50 feet, thence North 37 deg. 14' West 144.80 feet, thence North 54 deg. 55' West 160.00 feet to the point of beginning containing 7.628 acres and being a portion of a 55.01 acre tract, and located in the south east corner of same, and being a part of the W. A. Lopp property.

LESS AND EXCEPT THAT PROPERTY HERETOFORE CONVEYED to the County of Davidson, a Body Corporate and Politic, recorded in Book 606, Page 476, Davidson County Registry, and THAT 3.139 ACRE TRACT HERETOFORE CONVEYED to Paul Arthur Warford and wife, Sherry S. Warford by deed recorded in Book 580, page 112, Davidson County Registry.

The above referenced property is all of that property described on the Davidson County Tax records as Conrad Hill Township, Tax Map 2, Lot 14, containing 2.10 acres, more or less.

TRACT II:

BEGINNING at a stone the southwest corner of tract herein described, now A. L. SCARLETT and REAMER REGAN corner. Thence with A. L. Scarlett line formerly W. A. Lopp North 9 deg. 13 min. East 1241.80 feet to an iron stake in Hamby's Creek. Thence with W. A. Lopp heirs and H. D. Eddinger line North 80 deg. 37 min. East a total of 951.00 feet to a point in the center of Hamby's Creek new corner to A. E. Conrad (iron stake set 25.00 feet on west bank). Thence with the center of Hamby's Creek as it meanders a chord bearing and distance of South 10 deg. 21 min. West 811.70 feet to an iron stake on the southeast bank of said creek, thence with a new marked line to A. E. Conrad South 32 deg. 50 min. West 869.00 feet to an iron stake new corner on Reamer Regan line. Thence with Reamer Regan line North 75 deg. 44 min. West 533.65 feet to the point of beginning containing 25.87 acres more or less and being the western end of a 105.00 acres tract referred to in deed book 153 pages 508 and 509 in the Register of Deed's Office for Davidson County, North Carolina

BK 112 | PG 0541

**LESS AND EXCEPT THAT PORTION OF THE PROPERTY HERETOFORE CONVEYED to Davidson County, a Body Corporate and Politic, by deed recorded in Book 625, Page 978, and re-recorded in Book 625, Page 59, Davidson County Registry.**

**The above referenced Tract II is all of that property shown on the Davidson County Tax records as Conrad Hill Township, Tax Map 3, Lot 18, containing 11.63 acres, more or less.**

DAVIDSON COUNTY NC 10/24/2007  
\$113.00



Real Estate  
Excise Tax

DAVIDSON COUNTY NC  
**Book 1824**  
**Pages 0943-0944**  
FILED 2 PAGE(S)  
10/24/2007 1:59 PM  
DAVID T RICKARD  
Register Of Deeds

1700  
2  
113.005

Excise Tax \$ 113.00

Recording Time, Book and Page

Tax Lot No. 05003A0000007 Parcel Identifier No. \_\_\_\_\_  
Verified by \_\_\_\_\_ County on the \_\_\_\_\_ day of \_\_\_\_\_, 20  
by \_\_\_\_\_

Mail after recording to Hold Brinkley Walser, PLLC  
This instrument was prepared by Vivian Regan Rolfe

Brief Description for the index

Lot 7, Remer Regan Estate

## NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made October 23, 2007, by and between

GRANTOR

Vivian Regan Rolfe and husband, Christopher Clay Rolfe

TODD A. WARFFORD

1123 Roy Lopp Road  
Lexington, NC 27292

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

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

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the Conrad Hill Township, Davidson County, North Carolina and more particularly described as follows:

Being Tract No. 7 of the REMER REGAN ESTATE as shown on map or plat of same duly recorded in the office of Register of Deeds for Davidson County, North Carolina, in Plat Book 16, Page 227., containing 10.45 acres as shown on said Plat.

Together with the non-exclusive rights created by Plat Book 16, Page 227 in the Office of the Register of Deeds of Davidson County, North Carolina, to the private street as shown on said plat for ingress, egress, and regress and for the installation and maintenance of utilities and the right to construct and maintain a roadway from Remer Regan road over and across the private street, 60.34 feet in width, as shown on said plat to the herein described property. It is hereby understood that Grantor makes no warranties, express or implied, as to said private street and conveys whatever interest and rights Grantor obtained by virtue of the Deed recorded in Book 1052, Page 1809 of the Davidson County Public Registry.

0029791

The property hereinabove described was acquired by Grantor by instrument recorded in Book 1052 , Page 1809 of the Davidson County Public Registry .

A map showing the above described property is recorded in Plat Book 16 at Page 227.

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

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Christopher Clay Rolfe joins the execution of this deed to convey the rights, if any, he may have in and to the subject property by virtue of his marriage to Vivian Regan Rolfe and does not join the warranties being made hereby.

Title to the property hereinabove described is subject to the following exceptions:

**Valid and enforceable easements, conditions and restrictions of record.**

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

(Corporate Name)

By:

President

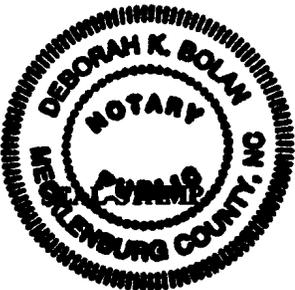
ATTEST:

*Vivian Regan Rolfe*  
\_\_\_\_\_  
VIVIAN REGAN ROLFE (SEAL)

*Christopher Clay Rolfe*  
\_\_\_\_\_  
CHRISTOPHER CLAY ROLFE (SEAL)

Secretary (Corporate Seal)

\_\_\_\_\_  
(SEAL)



NORTH CAROLINA, Mecklenburg County.

I, the undersigned, a Notary Public of the County and State aforesaid, certify that VIVIAN REGAN ROLFE AND HUSBAND, CHRISTOPHER CLAY ROLFE, personally appeared before me this day acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, 23 day of October, 2007.

My commission expires 10/23/07 *Deborah K. Bolan* Notary Public

The \_\_\_\_\_ foregoing \_\_\_\_\_ Certificate(s) \_\_\_\_\_ of \_\_\_\_\_ is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

REGISTER OF DEEDS FOR \_\_\_\_\_ COUNTY

By \_\_\_\_\_ Deputy/Assistant-Register of Deeds.



PHONE 248-5420

**HOLLY GROVE FIRE DEPARTMENT**  
**INCORPORATED**  
**2211 EAST HOLLY GROVE ROAD**  
**LEXINGTON, NORTH CAROLINA**

.. June 17, 2002

Mark Taylor  
Ecologic  
218-4 Swing Rd  
Greensboro, NC 27409

Mr. Taylor,  
This letter is to verify that Todco Inc., 1123 Roy Lopp Rd, Lexington, NC is located inside the five mile response district of the Holly Grove Fire Department. Our station currently houses three class A pumpers and a brush unit. We also have a county wide mutual aid agreement for additional resources as necessary. Please call if you have any questions.

Thank you,

A handwritten signature in cursive script, appearing to read "Paul Jarrett". The signature is fluid and somewhat stylized.

Paul Jarrett  
Fire Chief

Cc/ Todd Warfford

According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2011 and a copy of this report must be sent to the County Manager of each county from which waste was received. If you have questions or require assistance in completing this report, contact your Regional Environmental Senior Specialist.

Facility Name: \_\_\_\_\_ Permit: \_\_\_\_\_ ID: \_\_\_\_\_

Facility Website (URL): \_\_\_\_\_

Physical Address	Mailing Address
Street 1: _____	Street 1: _____
Street 2: _____	Street 2: _____
City: _____ County: _____	City: _____
State: <u>North Carolina</u> Zip: _____	State: <u>North Carolina</u> Zip: _____

Primary Facility Contact Person	Billing Contact Person
Name: _____	Name: _____
Phone: _____ Fax: _____	Phone: _____ Fax: _____
Email: _____	Email: _____

1. Tipping Fee: \$ \_\_\_\_\_ per Ton (Attach a schedule of tipping fees if appropriate.)

2. Did your facility stop receiving waste during this past Fiscal Year?  Yes  No  
If so, please report the date this occurred: \_\_\_\_\_

3. Indicate types of waste processed at this facility. (Check all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Medical Waste                     | <input type="checkbox"/> Landclearing and inert debris (LCID) |
| <input type="checkbox"/> Industrial Waste                  | <input type="checkbox"/> Yard Waste                           |
| <input type="checkbox"/> Construction and Demolition Waste | <input type="checkbox"/> Concrete/rubble                      |
| <input type="checkbox"/> Asphalt/Shingles                  | <input type="checkbox"/> Gypsum/drywall                       |
| <input type="checkbox"/> Household Hazardous Waste         | <input type="checkbox"/> Other (describe) _____               |

4. Indicate types of processes occurring at this facility. (Check all that apply)

- |  |   |   |  |
|--|---|---|--|
| <input type="checkbox"/> Grinding, composting or mulching                                |   |   |  |
| <input type="checkbox"/> Medical Waste treatment   |   |   |  |
| <input type="checkbox"/> Incineration  |   |   |  |
| <input type="checkbox"/> Collection (indicate materials collected, check all that apply) |   |   |  |
| <input type="checkbox"/> Paper   | <input type="checkbox"/> Wood                 | <input type="checkbox"/> White Goods        | <input type="checkbox"/> Scrap Tires   |
| <input type="checkbox"/> Cardboard   | <input type="checkbox"/> Glass                | <input type="checkbox"/> Aluminum Cans      | <input type="checkbox"/> Steel Cans    |
| <input type="checkbox"/> PETE (#1) Plastic   | <input type="checkbox"/> HDPE (#2) Plastic    | <input type="checkbox"/> Computer Equipment | <input type="checkbox"/> Televisions   |
| <input type="checkbox"/> Fluorescent lightbulbs  | <input type="checkbox"/> Used oil/oil filters | <input type="checkbox"/> Other Metal        | <input type="checkbox"/> Other Plastic |
| <input type="checkbox"/> Other activities (specify) _____                                |   |   |  |

5. Indicate the type and quantity of material from recycling or recovery operations stockpiled on-site as of June 30, 2011 (e.g. Wood-3 tons, Metal-5 tons, Cardboard-2 tons, etc.).



STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WATER QUALITY

GENERAL PERMIT NO. NCG210000  
CERTIFICATE OF COVERAGE No. NCG210362

STORMWATER DISCHARGES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission, and the Federal Water Pollution Control Act, as amended,

Todco Inc.

is hereby authorized to discharge stormwater from a facility located at

Todco Inc  
1123 Roy Loop Rd  
Lexington  
Davidson County

to receiving waters designated as Hamby Creek, a class C stream in the Yadkin River Basin in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, III, IV, V, and VI of General Permit No. NCG210000 as attached.

This certificate of coverage shall become effective September 15, 2008.

This Certificate of Coverage shall remain in effect for the duration of the General Permit.

Signed this day September 12, 2008.

*Bradley Bennett*

for Coleen H. Sullins, Director  
Division of Water Quality  
By Authority of the Environmental Management Commission

Permit No. NCG210000

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL  
RESOURCES  
DIVISION OF WATER QUALITY

**GENERAL PERMIT NO. NCG210000**

TO DISCHARGE STORMWATER UNDER THE

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission and the Federal Water Pollution Control Act, as amended, this permit is hereby issued to all owners or operators, hereafter permittees, which are covered by this permit as evidenced by receipt of a Certificate of Coverage by the Environmental Management Commission to allow the discharge of stormwater to the surface waters of North Carolina or separate storm sewer systems conveying stormwater to surface waters in accordance with the terms and conditions set forth herein.

Coverage under this general permit is applicable to all owners or operators of stormwater point source discharges associated with activities classified as establishments primarily engaged in Timber Products [standard industrial classification (SIC) 24]; and like activities deemed by DWQ to be similar in the process and/or the exposure of raw materials, products, by-products, or waste materials.

The following activities are specifically excluded from coverage under this General Permit: Wood Kitchen Cabinets [SIC 2434], Wood Preserving [SIC 2491] and Wood Chip Mills.

The General Permit shall become effective on August 1, 2008.

The General Permit shall expire at midnight on July 31, 2013.

Signed this day July 25, 2008.

*Original signed by Chuck Wakild, for*  
Coleen H. Sullins, Director  
Division of Water Quality  
By the Authority of the Environmental Management Commission