



CAPITAL MATERIALS & RECYCLING

2095 US 1 Highway
Franklinton, N.C. 27525
919-562-4950

A) Anticipated type, source, and composition of waste to be received.

This facility will accept untreated wood only from various construction clearing and grubbing activities. Processed mulch will be sold immediately or stored within the designated processed mulch stockpile areas as a temporary measure. There will be no composting material received or processed at this facility.

B) Provisions to maintain a clean and orderly operation.

i. Effective barrier to prevent unauthorized entry and dumping.

The facility has a fence and gate that is kept locked when the facility is closed. During operation hours, an attendant will visually observe the incoming loads to prevent the dumping of unauthorized materials. In the event, that non-conforming types of debris are detected, or passes through the inspection point, the inert debris shall be routed to the adjacent inert debris landfill. All other waste shall be properly disposed of at the Franklin County Public Landfill.

ii. Signs posted with name of owner, operator, contact person and number in case of emergency and hours of operation.

Mulch Facility
Hours of Operation:
8:00 a.m. - 6:00 p.m. M-F
8:00 a.m. - 3:00 p.m. Saturday
Closed Sunday

In case of emergency contact:
James Adams, Jr.
919-818-3223 or 919-422-8454

iii. Dust control measures.

The existing entrance is constructed with concrete roadway at gate following with asphalt material for approximately 800 feet, then stone material to dump site. Dust will be controlled by the watering down of dusty area.

lii. Litter control measures.

Litter will be collected daily by the operator and disposed of off-site at the end of each day. No trash receptacles will be provided in order to discourage truck drivers from emptying trash and litter on the site.

M. Fire protection and control measures.

The Youngsville Volunteer Fire Department will be notified immediately in the case of a fire. The stockpile areas will have proper fire vehicular access on all sides as shown on the Operations Plan. The mulch stockpile area has been designed to accommodate smaller pile sizes, which will minimize any potential for anaerobic conditions, build-up of heat, methane and other gases, and fire due to spontaneous combustion of these gases. The small size of the processed mulch piles will also eliminate the need for turning and aerating the mulch stockpiles. No aeration or turning of the mulch stockpiles will be performed.

vi Odor control measures and practices.

The mulch stockpile size will minimize any potential for anaerobic conditions, and the build-up of heat, methane and other gases. Without anaerobic conditions, no odor control will be necessary.

Operations Plan

- A. Service Area:** Within a 250 mile radius.
- B. Receiving, Processing, Handling and Storage of Materials:** The core of Capital Materials & Recycling, LLC, operation is to accept vegetative debris from land clearing operations. All incoming debris is inspected and the tonnage/cubic yards will be recorded prior to transport to handling areas. Upon delivery to the handling areas, the debris is windrowed with heavy equipment to permit adequate drying and have all unacceptable material removed (i.e. plastics, metals, etc.). Unacceptable materials are separated and stored in containers until sufficient amounts have accumulated to warrant transport to authorized waste facility (i.e. transfer facilities or recycling facility). Accepted debris is stored in windrows for a period up to 180 days. Equipment used for stacking and turning include excavators, bulldozers and front-end loaders. The windrowed material may be turned and resorted every 30-45 days to further facilitate processing. After the debris has completed pre-preparations, it is processed into mulch with heavy equipment (i.e. tub grinders). Capital Materials & Recycling, LLC will distribute some of the mulch as boiler fuel to various power generating facilities throughout southeastern United States.
- All areas in and around the entire facility will be maintained and graded to facilitate proper water drainage in compliance with the Solid Waste Rules and the approved sedimentation and erosion control plan in order to prevent surface water from rutting and ponding in and around the storage areas.
- C. List of Materials to be Received:** Materials to be received include untreated lumber, vegetative land clearing debris, rootmat, stumps, limbs, tree trunks, soil and bushes. All unacceptable materials are clearly listed on customer account applications, signs on the facility, and our price listing. Two (2) closed circuit cameras are installed to monitor and record each incoming load's contents. These loads are dumped in the processing area. The following materials are not accepted by the facility: metals, plastics, liquids, treated wood products, tires or other non-vegetative debris, etc.
- D. Estimate of Materials to be Processed:** The maximum daily production limit will be 25,000 tons.
- E. Unacceptable Materials:** All unacceptable materials will be stored in a container until sufficient material has accumulated to warrant transport to a permitted facility for disposal.
- F. Proposed Materials for Sale:** Capital Materials will accept LC material (vegetative debris from land clearing operation). The material will be processed into products such as colored landscape mulch, natural landscape mulch, boiler fuel, fill dirt, topsoil and blended soils. Clean concrete and masonry products are crushed and processed into sellable stone products (crush and run, 57-57 clean stone, surge rock and rip rap, etc.).

- G. Safety - Medical:** Medical supplies and first aid equipment are located onsite in accordance with all state and federal requirements including state and federal OSHA and ANSI regulations. First aid is located within the main office onsite.
- H. Letter from Fire Marshall - Fire Suppression:** Fire suppression equipment is maintained on all equipment as well as additional equipment within the main office. Additional fire suppression equipment is maintained at the actual grinding operation. Two (2) fire hydrants are located on the property for use by the City of Franklinton Fire Department to respond to additional site needs. (Letter from D. Griffin Gardner attached)
- I. Equipment List:** Capital Materials & Recycling, LLC maintains equipment regularly as per manufacturers' specifications. All equipment has a corresponding maintenance agreement with the vendor. The onsite equipment for processing, at the present time, consists of a minimum of (2) grinders (1300 Mobark Tub and Bandit Horizontal equipped to color), (1) 290 Link Belt excavator and a Case Wheel Loader with a 4.25 yard bucket and forks. The topsoil will be processed with a Sizzer 122 topsoil screener. There is a 200 Excavator with shear to process larger material. D6 Dozier for maintaining grade and general cleanup.
- J. Contingency Plans – Poor Market Conditions:** Capital Materials & Recycling, LLC has current sales contracts that exceed production capability by 25-35%. Long-term contracts have recently been added which require Capital Materials & Recycling, LLC to ship 125,000 tons of mulch annually. Due to the increases in power demand and the trend toward shifting to alternate or biomass fuel products, it is unlikely that market conditions would adversely impact operations. Furthermore, the recent fuel shortages and increased municipality electricity demands coupled with recently announced presidential plan to up biomass technology and use which further improves the demand for our product. Capital Materials & Recycling, LLC has increased its southeastern regional market share by over 18 percent in the past 24 month period. We continue to seek new customers in North Carolina, South Carolina, Georgia and Virginia, and have hired another full-time sales member for increasing sales and revenue.
- If equipment breaks down, equipment vendor will supply replacement or equipment will be rented.
- K. Record Keeping:** The cubic yardage/tonnage contained in each truck is recorded and weighed upon entering the site and again upon exiting the site. Individual tickets are maintained for each vehicle, which include date, time, material checked and logged in software (Waste Works). Monitoring logs from closed circuit cameras are recorded onto magnetic media (computer disks).
- L. Annual Report:** Capital Materials & Recycling, LLC will submit an annual report due each August 1st for the previous July 1st through June 30th. This report will include the amount and types, in

tons, of materials received, processed, and distributed and on-hand. Waste Work software will track volume of material and location or origin.

Operations Plan

- A. **Receiving, Processing, Handling and Storage of Materials:** The core of Capital Materials & Recycling, LLC, operation is to accept vegetative debris from land clearing operations. All incoming debris is weighted and graded prior to transport to handling areas. Upon delivery to the handling areas, the debris is sorted and stacked with heavy equipment to permit adequate drying and have all non-grinding material removed (i.e. dirt, plastics, metals, etc.). Unacceptable materials are separated and stored until sufficient amounts have accumulated to warrant transport to authorized waste facility (i.e. county landfill or recycling facility). Accepted debris is stored in wind rows for a period up to 180 days. Equipment suited for stacking and turning include excavators, bulldozers and front-end loaders. The wind rowed material is turned and resorted every 30-45 days to further facilitate processing. After the debris has completed pre-preparations, it is processed into a biomass fuel component with heavy equipment (i.e. tub grinders). Capital Materials & Recycling, LLC will distribute this biomass fuel to various power generating facilities throughout southeastern United States. Capital Materials & Recycling, LLC does not propose to sell any processed materials other than screened topsoil to the general public.

All areas in and around the entire facility will be maintained and graded to facilitate proper water drainage in compliance with the approved sedimentation and erosion control plan in order to prevent surface water from rutting and ponding in and around the storage areas.

- B. **List of Materials to be Received:** Materials to be received include clean wood, vegetative land clearing debris, root mat, stumps, limbs, tree trunks, soil and bushes. All unacceptable materials are clearly listed on customer account applications, signs on the facility, and our price listing. Two (2) closed circuit cameras are installed to monitor and record each incoming load's contents. All debris is graded by the scale operator upon arrival and separated into clean or dirty loads. These loads are then stored in separate staging areas for processing. The following materials are not accepted by the facility: metals, brick, block, stone, plastics, liquids, treated wood products, tires or other non-vegetative debris.
- C. **Estimate of Materials to be Processed:** The maximum daily production limit with the current equipment is 1100-1500 tons for biomass production. Based on prior collection data, approximately eight (8) truckloads of unacceptable material are estimated to accumulate annually.
- D. **Non-Recyclable Materials:** All unacceptable materials will be stored until sufficient product has accumulated to warrant transport to the local (Wake County) landfill. As indicated, an estimated eight (8) truckloads of unacceptable material are expected annually. This material will be separated and contained within a 20' by 20' refuse collection area (noted on Drawing) and will be removed as warranted. All soil materials removed from the land cleared inert debris

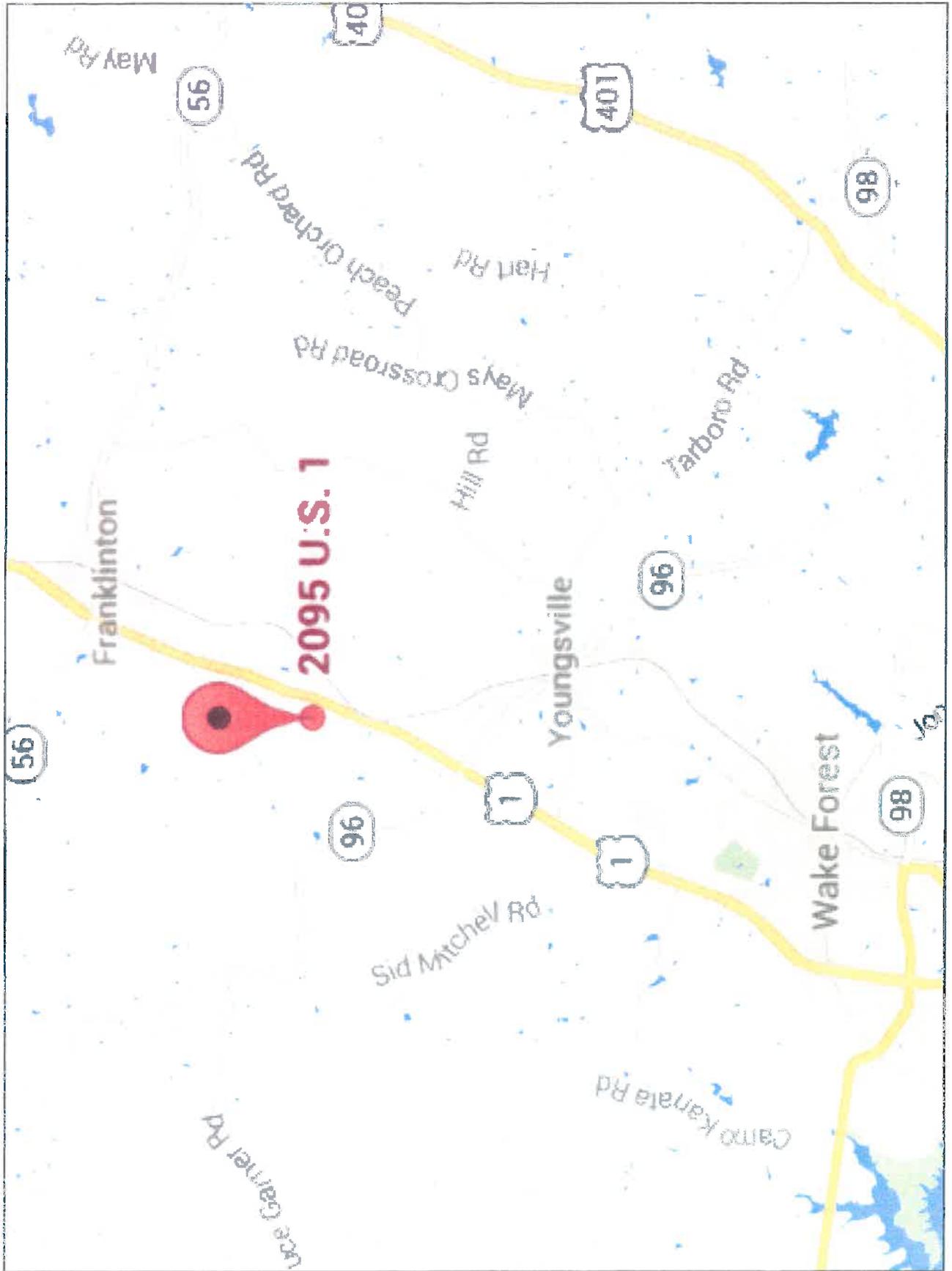
(LCID) materials are collected and moved to a short-term overburden stockpile. This material is then ground and screened into topsoil material and sold.

- E. **Proposed Materials:** Capital Materials will accept LCID material (vegetative debris from land clearing operation). The material will be processed converted into bi products (colored landscape mulch, natural landscape mulch, boiler fuel, fill dirt, topsoil and blended soils. Clean concrete and masonry products are crushed and processed into sellable stone products (crush and run, 57-57 clean stone, surge rock and rip rap).
- F. **Letter from Fire Marshal - Medical:** Medical supplies and first aid equipment is located onsite in accordance with all state and federal requirements including state and federal OSHA and ANSI regulations. First aid is located within the main office onsite. **Fire Suppression:** Fire suppression equipment is maintained on all equipment as well as additional equipment within the main office. Additional fire suppression equipment is maintained at the actual grinding operation. Two (2) fire hydrants are located on the property for use by the City of Franklinton Fire Department to respond to additional site needs. (Letter from D. Griffin Gardner Attached)
- G. **Equipment List:** Capital Materials & Recycling, LLC maintains equipment regularly as per manufacturers' specifications. All equipment has a corresponding maintenance agreement with the vendor. The onsite equipment for treating biomass consists of 2 grinders (1300 Mobark Tub and Bandit Horizontal equipped to color). There is a 290 Link Belt excavator and a Case Wheel Loader with a 4.25 yard bucket and forks. The topsoil will be processed with a Sizzer 122 topsoil screener. There is a 200 Excavator with shear to process larger material. D6 Dozier for maintaining grade and general cleanup
- H. **Contingency Plans – Poor Market Conditions:** Capital Materials & Recycling, LLC has current sales contracts that exceed production capability by 25-35%. Long-term contracts have recently been added which require Capital Materials & Recycling, LLC to ship 125,000 tons of biomass annually. Due to the increases in power demand and the trend toward sifting to alternate or biomass fuel products, it is unlikely that market conditions would adversely impact operations. Furthermore, the recent fuel shortages and increased municipality electricity demands coupled with recently announced presidential plan to up biomass technology and use which further improves the demand for our product. Capital Materials & Recycling, LLC has increased its southeastern regional market share by over 18 percent in the past 24 month period. We continue to seek new customers in North Carolina. South Carolina, Georgia and Virginia, and have hired another full-time sales member for increasing sales and revenue.
- I. **Record Keeping:** All trucks are checked in upon entering the site and again upon exiting the site. Individual tickets are maintained for each vehicle, which include date, time, material checked and logged in software (Waste Works). Monitoring logs from closed circuit cameras are recorded onto magnetic media (computer disks).

- J. **Annual Report:** Capital Materials & Recycling, LLC will submit an annual report due each August 1st for the previous July 1st through June 30th. This report will include the amount and types, in tons, of materials received, processed, and distributed and on-hand. Waste Work software will track volume of material and location of origin.









Franklin County Planning & Inspections
215 E. Nash St.
Louisburg, NC 27549

Phone: 919.496.2909
Fax: 919.496.2637

www.franklincountync.us

04-01-2014

James Adams
Capital Materials and Recycling LLC
2095 US HWY 1
Franklinton, NC 27525

Dear Mr. Adams:

As per your request I have conducted a site visit of your facility and have reviewed the fire protection and control documents that have been provided to this office. I have determined that all requirements of the 2012 NC Fire Prevention Code have been met and are sufficient at this time.

If you have any questions or comments please feel free to contact this office.

Sincerely,

D. Griffin Gardner
Fire Inspector
Franklin County Planning

Jerrianne Harvey

From: James Adams <jma@millridgeco.com>
Sent: Thursday, October 02, 2014 6:20 PM
To: Jerrianne Harvey
Subject: Fwd: Capital Materials and Recycling AKA Organic Recycling Center Project #FRANK-2006-011

Thanks James

Sent from my iPhone

Begin forwarded message:

From: "Jones, Gabi" <gabi.jones@ncdenr.gov>
Date: May 13, 2014 at 1:07:12 PM EDT
To: "jma@millridgeco.com" <jma@millridgeco.com>
Subject: Capital Materials and Recycling AKA Organic Recycling Center Project #FRANK-2006-011

To Whom it May concern,

An approved sediment and erosion control plan was submitted to this office on 10/24/2005. This S&E plan has not been closed out. I have received a revised Financial Responsibility/Ownership Form stating the new ownership. Since land disturbing activities had been previously disturbed, a new S&E plan is not needed. Please follow the approval from the past. Thank you for sending in the new member information and I will place it in the original folder. If you have any questions, please call me.

Thank you,

Gabi Jones
Environmental Specialist
Land Quality Section
Raleigh Regional Office
919-791-4200

Financial Assurance

Ascension Insurance is putting the bond in place. The contact is Rick Wilson 704-688-1228. The amount of the bond is \$1,045,000.00 for closure, post closure maintenance and monitoring and any corrective action. The bond will be held in a standing trust with First Citizen Bank.

Certification by Land Owner (if different from Applicant)

I hereby certify that I have read and understand the application submitted by Capital Materials & Recycling for a permit to operate a Processor operation on land owned by the undersigned located at (address) 2075 US 1 HWY; (city) Franklinston, NC, in Franklin County, and described in Deed Book and Page(s) Book 1458 Page 143.

Plat book - 2012 Plat page: 143.

I specifically grant permission for the proposed Processor operation planned for operation within the confines of the land, as indicated in the permit application. I understand that any permit will be issued in the names of both the operator and the owner of the facility/property. I acknowledge that ownership of land on which a solid waste management facility is located may subject me to cleanup of said property in the event that the operator defaults as well as to liability under the federal Comprehensive Environmental Responsibility, Compensation and Liability Act ("CERCLA"). Without accepting any fault or liability, I recognize that ownership of land on which a solid waste management facility is located may subject me to claims from persons who may be harmed in their persons or property caused by the solid waste management facility.

I am informed that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000) per day per each violation of the Solid Waste Management Rules. I understand that the Solid Waste Management Rules may be revised or amended in the future, and that the siting and operation of the facility will be required to comply with any such revisions or amendments.

J. G. Loftin, Jr
Signature
MANAGER
Title

J. G. LOFTIN, JR 10-27-14
Print Name Date
BALD EAGLE LAND DEVELOPMENT, LLC
Business or organization name

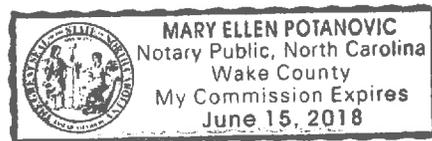
NORTH CAROLINA
Wake County

I, Mary Ellen Potanovic, a Notary Public for said County and State, do hereby certify that J. G. LOFTIN, JR. personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27th day of OCTOBER, 2014.

(Official Seal)

Notary Public Mary Ellen Potanovic
My commission expires June 15, 2018



**SOLID WASTE SECTION PERMIT APPLICATION
COMPLIANCE REVIEW REQUEST
AND PERMIT FEE INVOICE REQUEST**

Submit to the Field Operations Branch Head (or Compliance Officer) and to Jeff Skabo

Review Requested by:		Date Requested:	
Name of facility and permit number	Capital Materials + Recycling		
Applicant (Owner) Name	James Adams		
Description of Permit Request	T+P Permit		
Permit Fee Action	\$1250.00		
Date Application Received			
Contact Name and Title	James Adams / President		
Company			
911 Address	2095 US 1 Highway		
Mailing Address	8310 Bandford Dr.		
City/State/Zip	Raleigh NC 27615		
Parent Company			
Known Subsidiaries			
Other known names business has operated under			
Known Counties of Operation	Franklin, Wake, Granville		
Does the applicant have a past or current solid waste permit?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>
If Yes:	Facility Type: ___ Permit #: ___		
Does the applicant have other DENR permits?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Unknown <input type="checkbox"/>
If Yes:	Division: ___ Facility Type: ___ Permit #: ___		
Did the permit applicant submit Financial Assurance cost estimates?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/a <input type="checkbox"/> Not Needed <input type="checkbox"/>
Are the cost estimates sufficient?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/a <input type="checkbox"/>
Other notes			

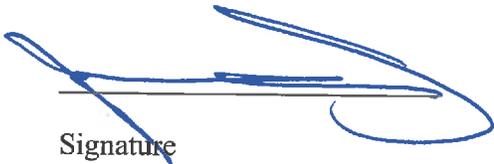
Please confirm that the compliance review requirements for this application have been satisfied.

Applicant Signature Page

Name of facility Capital Materials + Recycling LLC

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and that the information provided in this application is true, accurate, and complete to the best of my knowledge.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.


Signature

James Adams.
Print Name

10/27/14
Date

President
Title

Capital Materials and Recycling, LLC
Business or organization name

Certification by Operator (if different from Applicant)

Name of facility Capital Materials and Recycling LLC. has an agreement with the transfer station/recycling operation owner to operate a Processor operation on the land and the land owner has specifically granted permission for the operation of the facility. I understand that both the operator and owner are jointly and severally liable for improper operations and proper closure of the Processor operation.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.

[Signature] JAMES ADAMS 10/27/14
Signature Print Name Date
President
Title
Capital Materials and Recycling LLC.
Business or organization name

NORTH CAROLINA

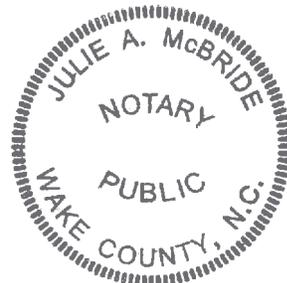
WAKE County

I, JULIE A. McBRIDE, a Notary Public for said County and State, do hereby certify that JAMES ADAMS personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of OCTOBER, 2014.

(Official Seal)

Notary Public Julie A. McBride
My commission expires 04-01, 2016



PARID: 006026

CITYNAME: 0

TOWNSHIP: Youngsville

**BALD EAGLE LAND
DEVELOPMENT LLC
TAX DISTRICT: YOUNGSVILLE
FIRE**

Parcel

PIN	1854-13-8602
Physical Address	2095 US 1 HWY
Unit	
City	
Zip Code	-
Neighborhood	FNUS1S
Class	Land w/ PP Dwelling
Land Use Code	00
Acres	71.53
Land Type	A
Frontage Width and Depth	- -
Zoning	H I
Street1/Street2	Paved /
Topo1/Topo2/Topo3	Level-Rolling-
Util1/Util2/Util3	Well/Septic/Electric
Restrict1/Restrict2/Restrict3	//

Legal

Legal Description	2 SW ON PROP
Sub Name	ORGANIC RECYCLING CENTER
Lot No.	
Block	
Phase #	300
Plat Book	2012
Plat Page	143
Deed Book	1458
Deed Page	143

1 of 4

Owner Details

Owner 1	BALD EAGLE LAND DEVELOPMENT LLC
Owner 2	
In Care Of	
Mailing Address	8310 BANFORD WAY
City/State/Zip	RALEIGH/NC/27615
Solid Waste Fee	