Metro EnerGy Corp.

11312 US 15 501 North
Suite 107-103
Chapel Hill, NC 27517

Phone: 919-818-6807

MTucker@MetroEnergyNC.com

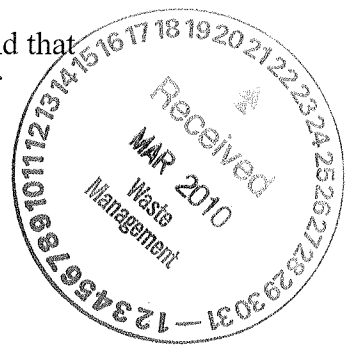
March 19, 2010

Mr. Geoffrey H. Little
Solid Waste Section, Division of Waste Management
NC DENR
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Dear Mr. Little:

Thank you for your response and comments regarding the permit application for the proposed site at 3313 Bowers Store Road, Siler City, NC. Metro Energy and DENR are partners in the environment for the good of all. Metro Energy Corp. is committed to making new things out of yesterday's trash.

I chose to submit a revised application instead of replacement pages and that revised application accompanies this letter. Please note the address for communications at this time is the administrative location at:



Metro Energy Corp.
11312 15 501, North
Suite 107-103
Chapel Hill, NC 27312

Received
MAR 2010
Waste Management

The points below relate directly to the comments in your letter dated March 16, 2010. These changes have been incorporated in the revised permit application in the package accompanying this letter.

1. Metro Energy Corp. will maintain required records as described in Section 3.15 and 3.16 of the permit application.
2. April 15, 2010.
3. Waste Management Transfer Station, Waste Treatment Road, Siler City, 27344.
4. My calculations resulted in a total for Financial Assurance = $9,719. Please review the worksheets in Appendix C, Attachments 1 & 2 for documentation and explanation of financial assurance estimates based on criteria used by existing scrap tire processors in North Carolina and approved by NC DENR.

5. Tires will be unloaded in the Drop Off Zone B and further sorted in the adjoining Sorting Area C then moved to container storage (H) or the Pre-Processing Area (F). No tires will be stored in Zones B or C.
6. If no crumb rubber is collected, none will be stored in container L4. Containers will be brought to the site as needed.
7. The berm and catch basins will prevent melted rubber leaving the property in the event of a fire emergency. Catch basins will be constructed to ensure safety of humans, animals, and property. This site is within local jurisdiction for storm water management. Storm water will be diverted to allow natural drainage and prevent standing water. The Div. of Water Quality/Storm Water Permitting Unit will be involved if necessary.
8. The property will be owned by Metro Energy Corp. LLC on or before April 9, 2010. Documentation to this effect is included in this package.

MEC will provide documentation showing ownership of the property and the required Financial Assurance Letter of Credit on April 13, 2010.

Metro Energy Corp. has plans to use some dimensional rubber in the set up and preparation of the site at 3313 Bowers Store Road for functional purposes as well as sales, marketing, and demonstration purposes.

Metro Energy Corp. proposes DENR include in the conditional permit to construct the allowance of a small number of whole tires on the property not to exceed 1000 at any time and processed tires as needed to complete design, demonstration, and construction purposes.

I think the answers in this letter and the revised permit application meet or exceed the intentions of the NC General Statutes, State Rules, and comments in your letter dated March 16, 2010.

I am excited with the knowledge that useful, cost effective, desirable products will be available to end users. We can make and build new things out of yesterday's noxious trash.

Thank you again,

Sincerely,

Michael G. Tucker, President
Metro Energy Corp.

Pg 2 of 2

Scanned by | Date 03/22/10 | Doc ID #

Permit Application

(Revised March 18, 2010)

Scrap Tire Collection And Processing Facility

Prepared by:

Metro Energy Corp.
11312 US 15 501, North
Suite 107-103
Chapel Hill, NC 27517

Received
MAR 2010
Waste Management

January 15, 2010

(Revised March 18, 2010)

1.0 Application Requirements

The purpose of this Section is to demonstrate compliance with the requirements of 15A NCAC 13B .1110 SCRAP TIRE PROCESSING FACILITIES. Metro Energy Corp. (MEC) will operate a .89 acre scrap tire collection, processing, and disposal facility in Chatham County, NC.

1.1 Name and Location of Facility – 15A NCAC 13B .1106(d) (1)

Metro Energy Corp.
3313 Bowers Store Road
Silk Hope, NC 27344
(919) 818-9476

1.2 Owner/Operator Information – 15A NCAC 13B .1106(d)(2) and (3)

The owner of the parcel is (will be):
Metro Energy, LLC
11312 15 501, North
Suite 107-103
Chapel Hill, NC 27517
(919) 818-9476

The sale and establishment of this processing site is contingent on the grant of a permit from NC DENR Division of Solid Waste Management. A copy of the real estate Agreement between seller and MEC and Michael Tucker is enclosed as Appendix A, Attachment 1.

The operator of the facility is:
Michael Tucker
Metro Energy Corp.
3313 Bowers Store Road
Silk Hope, NC 27344
(919) 818-9476

1.3 Aerial Mapping 15A NCAC 13B .1106 (d) (4)

The .89 acre site is located in Chatham County and bounded by:

- On the east by state road Bowers Store Road.
- The properties across the street, to the east, are wooded.
- A large chicken farm next door to the south.
- 150' border of trees on a farm to the north and 200' of trees to the west.

Appendix A also contains:

1. Chatham County GIS site location map (Attachment 2) See the link at http://www.chathamgis.com/mapguide/ChathamGISWeb/
2. GPS coordinates for the property are: **79.3206809,35.773954,0**
3. Proposed scrap tire collection and processing facility layout (Attachment 3)
4. Aerial map showing ¼ mile radius around the property (Attachment 4).

1.4 Facility Operations – 15A NCAC 13B .1106(d)(5)

Whole scrap tires (passenger, car, truck, and off-road) arrive at the site in trailers and other commercial transport vehicles. Upon entering the site, all trucks will be emptied onto a Drop Off Zone. (Shown as "B" on the site layout plan.) Tires will be sorted by size/kind/type in the Sorting Area ("E"). Each tire will be counted and documented for recording and reporting purposes. A copy of this documentation will be given to the driver of the delivering vehicle.

Tires will be sorted into three primary types including:

1. Tires suitable for resale or recapping
2. Passenger vehicle tires
3. Tires from industrial and off-road equipment

Tires suitable for resale

Tires for resale and/or re-use will be stacked for review and resale in lockable containers until documented and transported to end user. (Shown as "H" on the site layout plan.)

Tires suitable for processing

Passenger and semi vehicle tires not culled for resale will be moved to the Pre-Processing Area ("F") where they will be SIZED AND readied for processing.

A Feed Conveyor ("N") will feed the pre-processed material into a shredder. Next, the shredded material is separated into recyclable steel, fiber, and rubber. The rubber is then classified by size and condition for sale as:

1. Crumb Rubber for manufacturing.
2. Tire Derived Fuel (TDF).
3. Rubber for use as ground cover.
4. Rubber for use as artificial mulch.
5. Rubber for civil engineering.

Tires from industrial and off-road equipment

These tires will be cut into smaller pieces to process the same as passenger tires.

1.5 Source and Quantity of Tires Received, Stored, and Transported Off-site – 15A NCAC 13B .1106(d)(6)

MEC expects to receive less than 4,500 tires per month. Tires will be picked up from MEC customers and transported by MEC trucks, commercial contractors, and other persons licensed or authorized to transport tires. The trucks and/or containers carrying the tires will be recorded and documented to meet all state and county reporting requirements.

The number of whole tires on site will not exceed 4,500 at any time. No tires kept for resale will be stored more than 30 days from receipt.

Any whole tires or tire scraps not suitable for recycling will be disposed of in accordance with all state and county waste regulations and statutes.

1.6 Plans for Disposition of All Tires Collected – 15A NCAC 13B .1106(d)(7)

MEC will sell recovered rubber and steel directly to end users as listed below. Records will be maintained to show the quantities and buyers of recovered rubber and steel as required in State Rule .1106(d)(7). DWM permits will not be applicable for MEC's end users / customers.

1. Crumb Rubber for manufacturing.

MEC expects to manufacture molded rubber products as seen on our website www.MetroEnergyNC.com and sell them to appropriate customers. Other customers for crumb rubber are other companies that manufacture molded rubber products as seen on the MEC website and other manufacturers in accordance with all state and federal regulations. MEC crumb rubber is steel-free.

2. Tire Derived Fuel (TDF)

Customers for TDF include: cement kilns, power plants, and other facilities permitted to burn coal. MEC TDF is steel-free.

3. Rubber for use as ground cover.

Customers include: landscape designers/architects, landscaper wholesalers/suppliers, state and local park systems, new construction for residential and commercial sites.

4. Rubber for use as artificial mulch.

Customers include: landscape designers/architects, landscaper wholesalers/suppliers, state and local park systems, new construction for residential and commercial sites.

5. Rubber for civil engineering.

Customers include: agriculture supply wholesalers/retailers, soil erosion control projects, road sub-base, back fill for bridge embankments, commercial construction companies that build loading docks,

6. Recycled steel for manufacturing.
Steel will be sold to foundries for the manufacture of structural rebar.

7. And other uses authorized by federal and state statute.

1.7 Projected Date to Begin Operations – 15A NCAC 13B .1106(d)(8)

April 15, 2010.

1.8 Disposal of Waste Resulting from Operations – 15A NCAC 13B .1106(d)(9)

Residual waste incidental to scrap tire collection and processing (including trash, office, and administration waste) will be collected in containers and brought to the transfer station at Waste Treatment Road, Siler City, NC 27344.

1.9 Description of Compliance Rule .1106(c) – 15A NCAC 13B .1106(d)(10)

Refer to Section 2.0

1.10 Compliance with Local Zoning – 15A NCAC 13B .1106(d)(11)

The site is unzoned by Chatham County and is in compliance with all requirements of the Unified Development Ordinance. A letter from the Chatham County zoning office is included as Appendix B, Attachment 6.

1.11 Fire Protection – 15A NCAC 13B .1106(d)(12)

The Silk Hope Volunteer Fire Dept at 8110 Silk Hope Gum Springs Road provides fire protection services to this site. A letter from the fire chief is included in Appendix B, Attachment 7.

1.12 Operational Requirements Per Rule – 15A NCAC 13B .1106(d)(13)

Refer to Section 3.0.

1.13 Financial Assurance – 15A NCAC 13B .1106(d)(14)

In accordance with 15A NCAC 13B .1111, MEC will maintain financial responsibility and assurance in the form of a letter of credit to ensure closure of the site in accordance with NCDENR Solid Waste Management regulations and to cover property damage and/or bodily injury to third parties that may result from fire or other public health hazard occurring at the site. MEC has prepared an estimate for $9,719.00 to ensure closure and $12,500 for bodily injury for a limit of 5,000 whole tires and 117 cubic yards of shredded product. MEC is prepared to submit a copy of the letter of credit and copy of

the face sheet for general liability insurance as required. The state of NC will be listed as second insured.

Two worksheets are submitted as Attachment 8 and Attachment 9 in Appendix C to explain how the Financial Assurance Estimate was established.

2.0 Siting and Design Criteria – 15A NCAC 13B .1106(d)(14)

The purpose of this section is to demonstrate compliance with Siting and Design requirements per 15A NCAC 13B .1106(c).

2.1 Proximity to 100-year Flood Plan – 15A NCAC 13B .1106(c)(1)

The scrap tire collection and processing operation area is located outside the 100-year floodplain as shown on Chatham County GIS in Appendix A, Attachment 5.

2.2 Buffer from Property Lines – 15A NCAC 13B .1106(c)(2)

This rule is not applicable because tires will be stored in containers. No whole tires or processed tires will be stored within 50 feet of property lines.

2.3 Compliance with Zoning Ordinance – 15A NCAC 13B .1106(c)(3)

The site is not zoned by Chatham County and complies with all requirements of the Unified Development Ordinance.

2.4 Access Road – 15A NCAC 13B .1106(c)(4)

Access to this site is from state-maintained Bowers Store Road that accommodates tractor trailers, dump trucks, and other heavy equipment on a daily basis. Turning radii exercised by tractor trailers are greater than those required for single or tandem-axle fire department pump, rescue, and HAZMAT trucks.

2.5 Drainage – 15A NCAC 13B .1106(c)(5)

The surface topography on the site has a downward slope of about two feet from the northern boundary to the southeastern corner. There is sufficient vegetative buffer between the collection and processing areas and the parcel boundaries to filter any sediment that might become suspended in the runoff. This site is within local jurisdiction for the management of stormwater drainage as seen in the screen shot in Appendix C, Attachment 10.

2.6 Sediment and Pollution Control Law – 15A NCAC 13B .1106(c)(6)

Currently, the scrap tire collection and processing operations cover less than one acre of land. No plans are anticipated for the scrap tire collection or processing operations to disturb more than one acre of land.

2.7 Visual Screening – 15A NCAC 13B .1106(c)(7)

The proposed site is excluded from the visual screening requirements of NC General Statute 136-144 because the site is unzoned and storage containers will be used.

2.8 Control of Access – 15A NCAC 13B .1106(c)(8)

Access to the site will be controlled by a fence with a locking gate. The gate will not be opened unless an attendant or tire processing operations crew is present. Normal hours of operation for receiving tires are 7:00AM – 5:00PM Monday through Friday. The gate will be locked after operating hours.

2.9 Liquid Runoff from Tire Fire – 15A NCAC 13B .1106(c)(9)

In case of a fire in the scrap tire collection and processing operation area, liquid runoff from the fire would be captured within property boundaries. A 3 foot earthen berm will be installed running along the southern boundary. Also, a series of catch basins 4' deep and 4' wide will be installed in front of the berm to prevent melted runoff in the event of a fire emergency. These catch basins will be constructed to ensure human, animal, and environmental safety.

2.10 Provider of Fire Protection Services – 15A NCAC 13B .1106(c)(10)

The Silk Hope Volunteer Fire Dept. at 8110 Silk Hope Gum Springs Road provides fire protection services at the site 4.5 miles away. The required letter is included in Appendix B, Attachment 7.

3.0 Operational Requirements

The purpose of this section is to demonstrate compliance with operational requirements per 15A NCAC 13B .1106(c).

3.1 Indoor Storage of Scrap Tires – 15A NCAC 13B .1107(1)

MEC will not store scrap tires indoors other than temporary, lockable storage in enclosed trailers not to exceed 30 days.

3.2 Outdoor Storage of Scrap Tires – 15A NCAC 13B .1107(2)(a)

Whole scrap tires will be placed in an outdoor scrap tire pile in the Drop Off Zone having dimensions no greater than 50' in length, 20' wide, and 10' high.

3.3 Fire Lane – 15A NCAC 13B .1107(2)(b)

A 50-foot wide fire lane will be maintained around the perimeter of the site, any pile of whole scrap tires, and processed materials.

3.4 Vector Control – 15A NCAC 13B .1107(2)(c)

Whole scrap tires received at the site will be unloaded, sorted, and processed at the time of arrival eliminating any vector breeding. Whole tires kept for resale will be stored in enclosed and locked containers. Because of the location of the scrap tires collection relative to property lines and methodology for processing operations, no public health issue is anticipated.

3.5 Signs – 15A NCAC 13B .1107(2)(d)

A sign will be posted at the entrance of the site stating the hours of operation (7:00AM to 5:00PM Monday through Friday). A gate at the entrance will not be open unless an attendant or tire processing operations are present.

3.6 Fire Safety – 15A NCAC 13B .1107(2)(e)

Open flame, torches, or use of highly flammable materials are prohibited within 50 feet of all whole and processed scrap tire piles.

3.7 Fire Safety Survey – 15A NCAC 13B .1107(2)(f)

A fire safety survey shall be conducted annually by local fire protection authorities or other persons as approved by the Division.

3.8 Communications Equipment – 15A NCAC 13B .1107(2)(g)

Telephone communications equipment for contacting the local fire protection authority is available via cell phones.

3.9 Grass, Underbrush, and Vegetation – 15A NCAC 13B .1107(2)(h)

The property will be kept free of grass, underbrush, vegetation, and other potentially flammable vegetation.

3.10 Emergency Preparedness Manual – 15A NCAC 13B .1107(2)(i)

The operator of the scrap tire collection and processing operations site shall prepare and keep an Emergency Preparedness Plan at the site. The manual shall be updated at least annually, upon changes in operations at the site, or as required by the Department. The manual shall contain the following elements:

1. A list of names and numbers of persons to be contacted in the event of fire or other emergency.
2. A list of the emergency response equipment at the scrap tire collection site, its location, and how it should be used in the event of a fire or other emergency.
3. A description of the procedures to be followed in the event of a fire, including procedures to contain and dispose of the oily material generated by the combustion of large numbers of tires, and
4. A list of all hazardous materials stored on site, their locations, and information regarding precautions which should be taken with these materials.

The Emergency Preparedness Manual will be posted in the office.

3.11 Notify Division in the Event of Fire or Other Emergency – 15A NCAC 13B .1107(2)(j)

The operator of the scrap tire collection site shall immediately notify the Division in the event of a fire or other emergency if that emergency has potential for effects off site. Within two weeks of any emergency involving potential off site impact, the operator of the site shall submit to the Division a written report describing the cause(s) of the emergency, actions taken to deal with the emergency, results of the actions taken, and an analysis of the success or failure of those actions.

3.12 Copy of Permits – 15A NCAC 13B .1107(2)(k)

MEC will maintain a copy of the scrap tire collection and processing site permits, records of the quantity of scrap tires received, processed, and shipped from the site, and records of the quantity of scrap tires disposed of in the office.

3.13 Scrap Tire Storage Limits – 15A NCAC 13B .1107(2)(l)

Storage limits for collection sites permitted in association with processing facilities shall be determined by Rule .1110(a) of this Section. Rule .1110(a) of this Section states: ". . .the storage limit shall be determined by multiplying the daily throughput of the processing equipment used by 30. A scrap tire processing facility shall not accept any scrap tires for processing above the number that can be processed daily if it has reached its storage limit. At least 75% of both the scrap tires and processed tires that are delivered to or maintained on the site of the scrap tire processing facility site shall be processed and removed for recycling or disposal at a permitted solid waste management facility within one year of their receipt."

The processing equipment MEC will use is capable of processing 15 tires per hour. Assuming one ton = 100 tires, daily throughput would be
15 tires per hour X 10 hours = 150 tires per day X 30 = 4500 tires per month. The maximum number of whole tires allowed to be stored at the site would be 4,500.

MEC expects to ship 100% of the tires received as saleable products. (e.g. TDF, ABS rubber, rubber mulch, etc.).

3.14 Processed Tire Storage Limits – 15A NCAC 13B .1107(3)

Above ground piles of compacted, processed tires will not exceed 117 cubic yards in size. Temperature will be monitored and may not exceed 300 degrees Fahrenheit. Temperature control measures will be instituted to ensure pile temperatures do not exceed 300 degrees Fahrenheit.

Any residuals from this site will be managed so as to be contained on site and disposed of in a permitted solid waste management facility or properly recycled.

3.15 Records – 15A NCAC 13B .1110(c)

MEC will record and maintain records as required for three years. These records will be available for inspection by Division personnel during normal business hours. MEC will maintain the following records in the office for a minimum of three years for all scrap tires, processed tires, and tires received, stored, or shipped to or from the facility:

- The name of the hauler, the hauler or merchant identification number of the tire hauler who accepted the scrap or processed tires for transport, the quantity of scrap or processed tires shipped with that hauler, designation of scrap or processed tires (name and address of facility), and documentation of receipt of tires by the receiving facility.
- The name of the hauler, the hauler or merchant identification number of the scrap tire hauler who delivered the scrap or processed tires to the facility, the quantity of scrap or processed tires received from that hauler and where the tires originated (name and address of facility).

- Completed certification forms as required by G.S. 130A-309.58(f) except for quantities of five tires or less brought for processing by someone other than a tire collector, tire processor, or tire hauler.
- Records will be maintained for buyers of recovered rubber and steel and the quantities purchased.

3.16 Annual Report – 15A NCAC 13B .1110(d)

MEC will submit a report to NCDENR Division of Waste Management by March 1 of each year summarizing the information collected in Section 4.2(c) in the previous calendar year. The report will be submitted to the Division providing the following information:

- The facility name, address, and permit number, if any;
- The year covered by the report;
- The total quantity and type of whole scrap tires or processed tires received at the facility during the year covered by the report;
- The total quantity and type of whole scrap tires or processed tires shipped from the facility during the year covered by the report;
- The quantity of whole scrap tires or processed tires shipped to each receiving facility identified by name and address;
- The total quantity and type of whole scrap tires or processed tires located at the facility on the first day of the calendar year.

Appendix A

Appendix A

Attachment 1

Carolina Southern Realty
P.O. Box 1814
250 East St.
Pittsboro, NC 27312
Phone: 919-542-2667 Fax: 919-542-6804
donna@carolinasouthernrealty.com

AGREEMENT TO AMEND CONTRACT
WARNING: ALL PARTIES, INCLUDING ANY LENDER,
MUST BE PROVIDED A COPY OF THIS AGREEMENT

Metro Energy Corp
as Buyer, and
Robert Roberson
as Seller, have entered into a contract on the Offer to Purchase and Contract (form 2-T) or the Offer to Purchase and Contract - Vacant Lot/Land (form 12-T) ("Contract") regarding the purchase and sale of the following property (insert property address):
3313 Bowers Store Road, Siler City, NC 27344
("Property").

Buyer and Seller hereby agree to amend the Contract as set forth below [*check applicable box(es)*]:

■ **Purchase Price.** The purchase price is hereby changed to: $ _____.

■ **Additional Earnest Money.** $ _____ additional earnest money deposit shall be paid to Escrow Agent no later than _____, TIME BEING OF THE ESSENCE WITH REGARD TO SAID DATE

■ **Loan Condition.** The loan condition is hereby amended as follows [*check all applicable box(es)*]:
- ■ **Type:** The type of loan Buyer must be able to obtain is hereby changed to: _____
- ■ **Fixed/Adjustable Rate:** The type of loan rate is hereby changed to: _____
- ■ **Principal Amount:** The principal amount of the loan is hereby changed to: _____
- ■ **Term:** The term of the loan is hereby changed to: _____ year(s)
- ■ **Interest Rate:** The interest rate for the loan is hereby changed to: an initial rate not to exceed _____ %
- ■ **Mortgage Loan Discount Points:** The mortgage loan discount points are hereby changed to: not to exceed _____ % of the loan amount
- ■ **Loan Origination Fee:** The loan origination fee is hereby changed to: not to exceed _____ % of the loan amount
- ■ **Loan Application:** The number of days following the Effective Date within which Buyer shall make written application for the Loan, authorize any required appraisal and pay any necessary fees is hereby changed to _____ days.
- ■ **Buyer's Right to Terminate:** The number of days following the Effective Date within which Buyer shall have the right to terminate this contract because Buyer is not satisfied that the Loan will be approved and funded is hereby changed to _____ days.

■ **Expenses.** The amount Seller shall pay at Closing toward Buyer's expenses associated with the purchase of the Property is hereby changed to: $ _____.

■ **Inspections/Repair Negotiations.** The timeframe(s) for Inspections/Repair Negotiations set forth in Alternative

North Carolina Association of REALTORS®, Inc.
REALTOR®
Seller initials _____ Buyer initials _____
PREPARED BY: Donna Rogers, 3/16/2010 2:02:15 P.M.
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Revised 7/2009
© 7/2009

subsection (b) of paragraph 16 of the Contract is/are hereby amended as follows *[check all applicable box(es)]:*

■ **Repair Notice Date.** The Repair Notice Date set forth in Alternative 1, subsection (b) of paragraph 16 of the Contract is hereby changed to: _____.

■ **Seller's Response Time:** The number of days within which Seller shall provide written notice to Buyer of Seller's response to Buyer's written notice of Necessary Repairs is hereby changed to _____ days.

■ **Buyer's Response Time:** The number of days within which Buyer shall deliver Buyer's written decision after receiving Seller's written response to Buyer's written notice of Necessary Repairs is hereby changed to _____ days.

■ **Soil, Utilities and Environmental Contingency Date** *(form 12-T only)*. The date by which Buyer must notify Seller that the condition set forth in Alternative 1, subsection (a) of paragraph 13 of the Contract cannot be satisfied is hereby changed to: _____.

■ **Sewer System Date** *(form 12-T only)*.The date by which Buyer must notify Seller that the condition set forth in Alternative 1, subsection (b) of paragraph 13 of the Contract cannot be satisfied is hereby changed to: _____.

■ **Water Well Date** *(form 12-T only)*. The date by which Buyer must notify Seller that the condition set forth in Alternative 1, subsection (c) of paragraph 13 of the Contract cannot be satisfied is hereby changed to: _____.

■ **Option Termination Date.** The Option Termination Date set forth in Alternative 2 of the Contract is hereby changed to: _____.

■ **Option Fee.** $ _____ additional Option Fee shall be paid to Seller on _____ TIME BEING OF THE ESSENCE WITH REGARD TO SAID DATE.

☑ **Closing Date.** The Closing Date is hereby changed to: on or before **April 9, 2010**.

■ **Contract for Buyer's Property** *(form 2A2-T only)*. The date by which Buyer shall enter into a Contract for Buyer's Property is hereby changed to: _____.

All terms and conditions of the Contract not specifically amended herein shall remain in full force and effect.

THE NORTH CAROLINA ASSOCIATION OF REALTORS®, INC. MAKES NO REPRESENTATION AS TO THE LEGAL VALIDITY OR ADEQUACY OF ANY PROVISION OF THIS FORM IN ANY SPECIFIC TRANSACTION.

Buyer Metro Energy Corp By: Michael D Tucker Date 3/17/10

Seller Robert Roberson Date 3-17-10

PREPARED BY: Donna Rosen, 3/16/2010 2:42:18 P.M.
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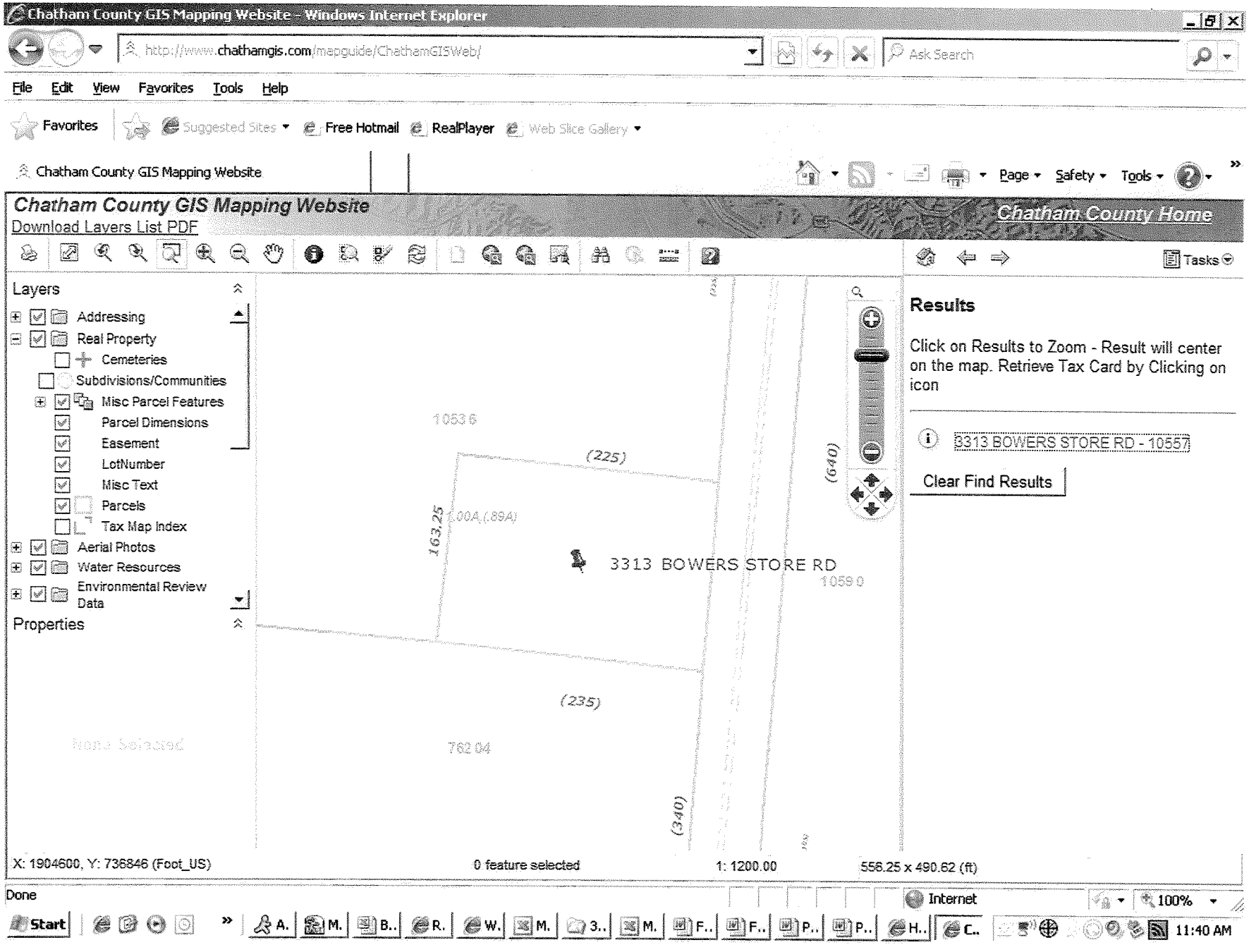
Appendix A

Attachment 2


Chatham County GIS Mapping Website - Windows Internet Explorer
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Favorites
Chatham County GIS Mapping Website
Page Safety Tools
Chatham County GIS Mapping Website
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Chatham County Home
Tasks
Layers
Addressing
Real Property
Cemeteries
Subdivisions/Communities
Misc Parcel Features
Parcel Dimensions
Easement
LotNumber
Misc Text
Parcels
Tax Map Index
Aerial Photos
Water Resources
Environmental Review Data
Properties
None Selected
Results
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3313 BOWERS STORE RD - 10557
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3313 BOWERS STORE RD
(225)
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(235)
(340)
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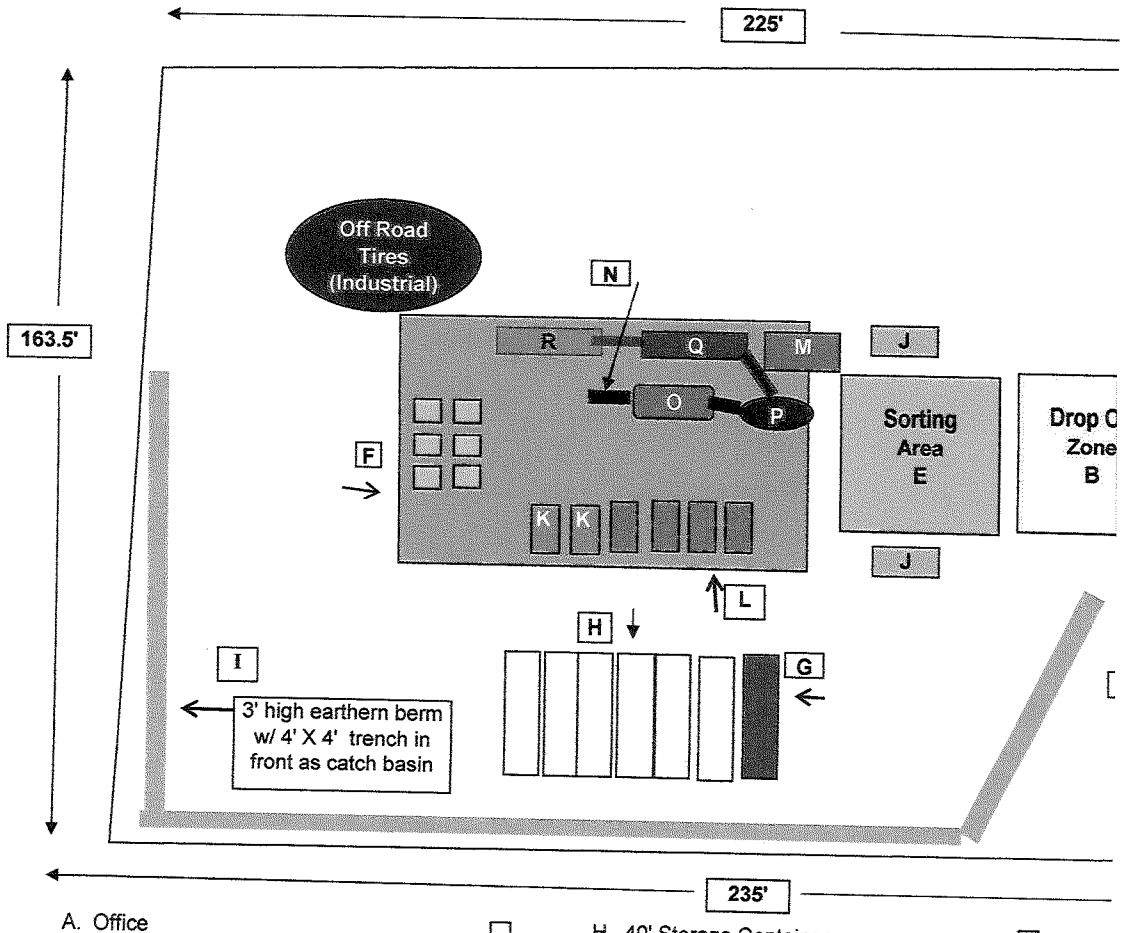
Appendix A

Attachment 3



A. Office
B. Drop Off Zone
C. Turn Around Zone
D. Shipping & Receiving
E. Sorting Area
F. Pre-Processing Area
G. 40' Lockable Storage Containers
   1. Gloves, Packing materials, small tools
   2. Larger tools, additional locked storage

H. 40' Storage Containers
   1. Used - Semi's
   2. Casings - Semi's
   3. Passenger Tires (R16's)
   4. Passenger Tires (R16's)
   5. Passenger Tires (R15's)
   6. R13's, R14's, Odds & Ends

Appendix A

Attachment 4

CHATHAM COUNTY, NC

Property Map

Disclaimer:
The data provided on this map are prepared for the inventory of real property found within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and data. This data is for informational purposes only and should not be substituted for a true title search, property appraisal, survey, or for zoning verification.

One Inch = 683 Feet

Appendix A

Attachment 5

CHATHAM COUNTY, NC

Property Map

Disclaimer:
The data provided on this map are prepared for the inventory of real property found within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and data. This data is for informational purposes only and should not be substituted for a true title search, property appraisal, survey, or for zoning verification.

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One Inch = 1536 Feet

Appendix B

Appendix B

Attachment 6

Sustainable Communities Development
Department
Planning Division
Post Office Box 54
80-A East Street - Dunlap Building
Pittsboro, NC 27312-0054

CHATHAM COUNTY
NORTH CAROLINA

Phone: 919-542-8204
Fax: 919-542-2698
www.chathamnc.org/planning

January 14, 2010

Mr. Michael Tucker
11312 US 15-501 N
Suite 107-103
Chapel Hill, NC 27517

RE: Zoning Letter for Parcel No. 10557
3313 Bowers Store Rd.

Dear Mr. Tucker,

The property identified above is located within an unzoned portion of Chatham County. The Planning Division does not regulate the "use" that is made of the property.

It is a one (1) acre tract in the WSIV-PA Watershed that allows up to 36% impervious surface for non-residential development. This would include all structures with roofs, gravel, asphalt, stoned, and concrete areas.

If you have any further questions please feel free to contact my office at 919-542-8285 or email at angela.birchett@chathamnc.org .

Respectfully,
Angela Birchett
Angela Birchett, CZO
Zoning Administrator

Cc: file

Appendix B

Attachment 7

Silk Hope Fire Department Inc.

8110 Silk Hope – Gum Springs Road, Siler City, NC 27344

January 16, 2010

Michael Tucker

Metro Energy Corp.

11312 US 15 501 North

Suite 107-103

Chapel Hill, NC 27517

Dear Mr. Tucker,

This letter is in response to your request to acknowledge that the Silk Hope Volunteer Fire Department, Inc. provides fire protection to the property located at 3313 Bowers Store Road, Siler City, NC. Our Station 7, located at 8110 S1lk Hope-Gum Springs Road, is 4.5 miles from this property.

The Silk Hope Volunteer Fire Department, Inc. currently has an ISO rating of six (6), which it obtained in 1991. We just went through another ISO inspection in August 2009, and maintained the six (6) rating which is effective in February 2010.

If you need further information pertaining to this matter, please do not hesitate to contact me at (919) 742-5874.

Respectfully,

Mark Gaines

Chief

Appendix C

Appendix C

Attachment 8

APPENDIX C, ATTACHMENT 1
Financial Assurance Estimate
For Removal, Hauling, and Stockpiled Whole Tires

5000 Total whole tires per month

100 Tires / Ton[1]

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50 Tons of tires

10 Tons tires per truck

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5 Truck loads

8 Truckloads per day

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1 Day hauling

Tire loading (Backhoe and Operator)	$ 75.00 / Hr	8.00 Hr/Day	$600.00 / Day	1 Day	$ 600.
Hauling (Truck and Driver)	$ 75.00 / Hr	4.00 Hr/Trip	$300.00 / Trip[2]	5 Trips	$ 1500.
Transportation costs			$ 91.00 / Trip[3]	5 Trips	$ 455.
Tipping Fees			$55.00 / Ton[4]	50 Tons	$ 2750.
				Total	$ 5355.

[1]Industry standards use as a "rule of thumb" 100 scrap tires average = 2000 pounds / one ton
[2]The nearest processor that will accept scrap tires is Central Carolina Tire Disposal, Cameron, NC. CCTD is 45.5 miles from this proposed site near Silk Hope, NC. That is less than 2 hours drive and 4 hours round trip.
[3]Standard transportation costs for a 10 ton truckload is $2 per mile one way.
[4]Standard tipping fees at CCTD, Cameron, NC are <$55 per ton.

Appendix C

Attachment 9

APPENDIX C, ATTACHMENT 1
Financial Assurance Estimate
For Removal, Hauling, and Stockpiled Shredded Rubber Product

.8	Cubic feet	=	20.	pounds
1.0	Cubic yard	=	675.	pounds
100	Cubic yards	=	33.75	tons
117	Cubic yards	=	40.	tons

10 Tons shredded product per truck

4 Truck loads

8 Truckloads per day

1 Day hauling

Tire loading (Backhoe and Operator)	$ 75.00 / Hr	8.00 Hr/Day	$600.00 / Day	1 Day	$ 600.
Hauling (Truck and Driver)	$ 75.00 / Hr	4.00 Hr/Trip	$300.00 / Trip[1]	4 Trips	$ 1200.
Transportation costs			$ 91.00 / Trip[2]	4 Trips	$ 364.
Tipping Fees			$55.00 / Ton[3]	40 Tons	$ 2200.
				Total	$ 4364.

[1]The nearest processor that will accept scrap tires is Central Carolina Tire Disposal, Cameron, NC. CCTD is 45.5 miles from this proposed site near Silk Hope, NC. That is less than 2 hours drive and 4 hours round trip.
[2]Standard transportation costs for a 10 ton truckload is $2 per mile one way.
[3]Standard tipping fees at CCTD, Cameron, NC are <$55 per ton.

Appendix C

Attachment 10

North Ca... Areas Subject to Phase II Post-Construction & Other Stormwater Progr... Supreme - Windows Internet Explorer

http://204.211.239.202/stormwater/

File Edit View Favorites Tools Help

Favorites Suggested Sites Free Hotmail RealPlayer Web Slice Gallery

North Carolina Areas Subject to Phase II Post-Constr...

http://go.microsoft.com/fwlink/?...

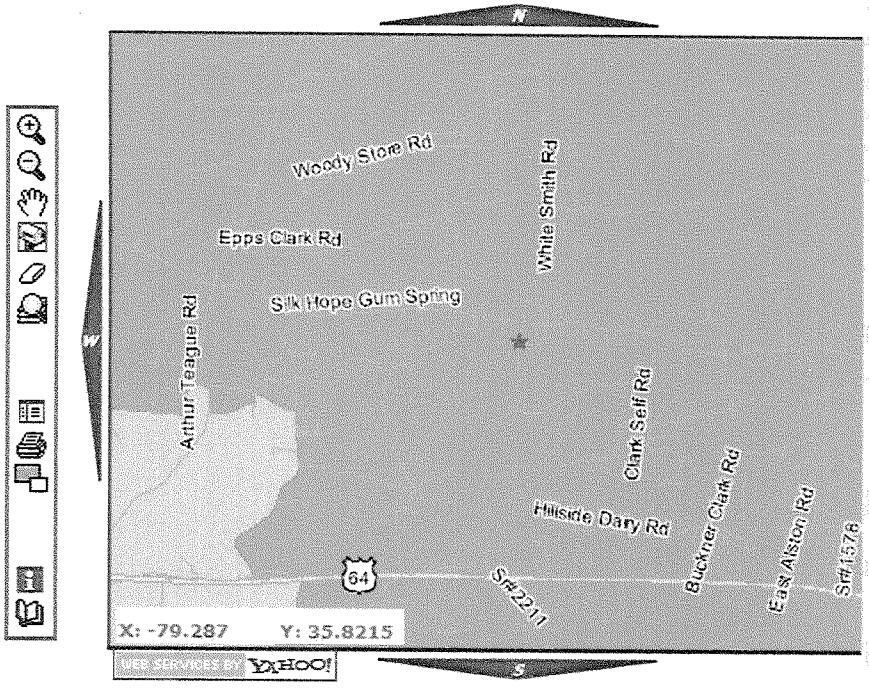
N.C. Division of Water Quality

about the division | contact us | dwq sections | g

"To preserve, protect and enhance North Carolina's water..."

Address | Lat/Long | Results

Permitting :	Local
Type:	Phase II tipped county
Basis:	Phase II Tipped County, Jordan Watershed
Notes:	In CHATHAM CO, delegated authority
Contact:	CHATHAM County (delegated)
County:	CHATHAM
DENR Region:	Raleigh
Phase II:	Subject to Phase II



Map Legend - Windows Intern...

http://204.211.239.202/stormwater/leg

- NC Highway
- Counties
- General Hydrography (Arcs)
- General Hydrography (Polys)
- Municipal Boundaries
- Stormwater Jurisdiction
- Coastal State SW Program
- Local Program
- State Stormwater Program
- No Stormwater Program
- Overlapping Programs
- Phase II Area
- SA waters

Internet 100%

Internet 100%

Start A. M. B.. R. 5.. B.. M. H.. 3.. P.. N.. N.. N.. M. 11:08 AM