



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

<b>UNIT TYPE:</b>										
Lined MSWLF		LCID		YW		Transfer		Compost	SLAS	<b>COUNTY: Chatham</b> <b>PERMIT NO.: 19-08</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		T&P	FIRM	
CDLF		Tire T&P / Collection	<b>X</b>	Tire Monofill		Industrial Landfill		DEMO	SDTF	

**Date of Site Inspection:** February 4, 2014

**Date of Last Inspection:** September 20, 2013

**FACILITY NAME AND ADDRESS:**

Metro Energy Corporation Scrap Tire Collection and Processing Facility  
 3313 Bowers Store Road  
 Silk Hope, NC 27344

**GPS COORDINATES:** N: 35.77401 E: -79.32060

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Michael Tucker, President  
 Metro Energy Corporation  
 c. 919-818-6807  
 work truck. 919-886-0020  
 f. 919-967-1050  
 h. 919-542-1044  
[mtucker@metroenergync.com](mailto:mtucker@metroenergync.com)

**FACILITY CONTACT ADDRESS:**

Michael Tucker, President  
 Metro Energy Corporation  
 11312 US 15-501 Hwy, North  
 Suite 107-103  
 Chapel Hill, NC 27517

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Geof Little, Environmental Engineer - SWS  
 Michael Tucker, President – Metro Energy Corporation

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued June 14, 2011  
 Permit To Construct (PTC) issued in conjunction with PTO

**PURPOSE OF SITE VISIT:**

Meeting and Site Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

None

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**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

On February 4, 2014, John Patrone and Geof Little met with Michael Tucker to conduct a meeting and site inspection of the Metro Energy Corporation Scrap Tire Collection and Processing Facility on Bowers Store Road in Silk Hope, Chatham County.

1. The facility is permitted for a scrap tire collection and processing operation.
2. The facility must be maintained and operated in accordance with the North Carolina Solid Waste Management Rules, specifically 15A NCAC 13B .1106, .1107, and .1110, as well as the facility permit and approved operations plan.
3. Mr. Tucker stated that he would like to close-out the facility permit. The removal and proper disposal of processed tires remaining on site was discussed.
4. There were three small piles of processed tires (doughnuts, alligators, and sidewalls) in the scrap tire storage area. The processed tires equate to ~ 50 scrap tires.
5. The scrap tire storage area is designated by large cement blocks, forming a rectangle. The blocks are to prohibit liquid runoff if there is a tire fire.
6. At the time of the inspection there was grass in the scrap tire storage area. Ensure the scrap tire storage area is kept free of grass, underbrush, and other potentially flammable vegetation [and items] at all times.
7. At least seventy-five (75) percent of both scrap tires and processed tires delivered to or maintained on the site shall be removed within one year of receipt.
8. The facility has used processed tires as construction material on site. Construction projects at the facility should not adversely affect human health or safety (letter date: March 13, 2013).
9. It was agreed that by March 14, 2014, Mr. Tucker will remove and properly dispose of/reuse the remaining processed tires in the scrap tire storage area, processed tires associated with the two dilapidated storage sheds, and any processed tires on the property not associated with the soil foundation/berm of the mobile home [removed]. Processed tires used in the construction of the foundation/berm shall be completely covered with soil.
10. Disposal/reuse receipts are required, to include: hauler/merchant name and identification number, the quantity shipped, the name and address of the disposal/reuse site, and documentation (from the receiving entity) that the scrap/processed tires were received.
11. Mr. Tucker did not meet the closure requirements by January 31, 2014 as discussed with Geof Little, Environmental Engineer – SWS.
12. In order to have permit closure considered, the facility shall demonstrate compliance with the aforementioned numbers 9 and 10.
13. The facility has had discussion with SWS regarding financial assurance. The financial assurance Standby Trust is due.
14. The facility shall meet the requirements to be considered for permit closure by the agreed upon date or obtain Standby Trust and maintain the letter of credit [by that same date].
15. The facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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16. Processed tires were used in the construction of the mobile home access ramp. Mr. Tucker stated that the access ramp is an engineered-approved structure.
17. Processed tires were used to construct the first-row of a fence (right-rear of lot).
18. Mr. Tucker stated that he plans to place another building on site, making use of the access ramp, and continue construction on the processed tire fence.
19. It was agreed the access ramp and processed tire fence remain on site for future use/construction.
20. If the facility remains open, ensure a fire safety survey is conducted annually. Mr. Tucker stated that he has requested that a fire safety survey be conducted.
21. The Silk Hope Volunteer Fire Department will address an emergency at the facility.
22. The facility is secured by a chain.
23. The facility has proper signage.

Please contact me if you have any questions or concerns regarding this inspection report.



Phone: 336-771-5095 Fax: 336-771-4631

**John Patrone**  
**Environmental Senior Specialist**  
***Regional Representative***

<b>Sent on:</b> <u>February 6, 2014</u>	<input checked="" type="checkbox"/>	Email		<input type="checkbox"/>	Hand delivery		<input type="checkbox"/>	US Mail	<input checked="" type="checkbox"/>	Certified No. <u>7010.0780.0002.0107</u> <u>2498</u>
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Electronic Copies: Jason Watkins, Western District Supervisor  
 Sarah Rice, Compliance Officer  
 Geof Little, Environmental Engineer

Digital pictures taken February 4, 2014  
 by John Patrone DWM-SWS

Mobile home [removed] access ramp (front view)



Access ramp (rear view) and soil foundation/berm



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Processed tires (cut into doughnuts, alligators, and sidewalls) in scrap tire storage area



Two dilapidated storage sheds



Processed tires ("L" pattern atop ground),  
1<sup>st</sup> row of fence

