



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

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UNIT TYPE:									
Lined MSWLF	LCID	YW	Transfer	Compost	X	SLAS	COUNTY: CHATHAM		
Closed MSWLF	HHW	White goods	Incineration	T&P		FIRM	PERMIT NO.: 19-06		
CDFL	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO		SDTF	FILE TYPE: COMPLIANCE		

Date of Audit: January 09, 2009

Date of Last Audit: May 31, 2007

FACILITY NAME AND ADDRESS:

McGill-Chatham Facility
634 Christian Chapel Church Road
New Hill, NC 27562

GPS COORDINATES: N: 35.63476 E: -079.00658

FACILITY CONTACT NAME AND PHONE NUMBER:

Bill Kish (919) 362-1161 (office), (919) 362-1141 (fax), (919) 818-5172 (mobile), bkish@mcgill-leprechaun.com
Roscoe Farrell (919) 815-9782 (mobile)

FACILITY CONTACT ADDRESS:

McGill Environmental Systems
PO Box 61
Harrells, NC 28444

AUDIT PARTICIPANTS:

Bradley Bailey, Solid Waste Section
Bill Kish, Operations Manager, McGill-Leprechaun
Roscoe Farrell, Plant Manager, McGill-Leprechaun

STATUS OF PERMIT:

PTO (Type IV Compost Facility) issued: April 12, 2003
Permit amended December 6, 2004
Permit shall expire June 1, 2009; a properly completed application shall be submitted at least 90 days prior.

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

1) 15A NCAC 13.1406 (A) Construction plans and conditions of permit shall be followed;
Permit Condition 6 states; Odor shall be controlled at the property boundary in accordance with Rule .1404(c)(3) & (4).
Odor and dust control structures shall be maintained in optimum working condition at all times. A minimum of 3 feet of cover shall be maintained over the bio-filter distribution system at all times. Roof ventilation fans may not be put back into use without prior written approval from the Division of Waste Management and prior notification of the appropriate local government.

You are hereby 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 Statute or Regulations. For the violation(s) noted here, you 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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STATUS OF PAST NOTED VIOLATIONS:

None

AREAS OF CONCERN AND COMMENTS:

- 1.) On October 27, 2008, Michael Scott, Zi-Qiang Chen and Brad Bailey of the Division of Waste Management visited the facility and met with Steve Cockman and Bill Kish of McGill-Chatham Facility in response to a referred complaint from Marshall Cannon of the Division of Air Quality. On November 20, 2008, odors were again documented by Marshall Cannon as far away as US 1 and another complaint received by the Division of Air Quality on November 25, 2008.
- 2.) On December 19, 2008, Brad Bailey and Shawn McGee visited the facility to determine if the roof ventilation fans had been taken out of service and openings secured. During the October 27, 2008 visit, the ventilation fans were observed to be operating intermittently and their operation was questioned. After reviewing the permit, it revealed that they were not to be placed into operation without approval and the December 19, 2008 visit confirmed that they had not yet been secured.
- 3.) On October 27, 2008, feedstock that contained glued particle board and painted pallets and containers had been delivered by Allied Waste from Caterpillar. It was noted in the permit application on page 27 that Compost produced from present feed stocks that contain engineered wood will be tested for formaldehyde prior to distribution for the first three months (minimum of 3 samples). Please provide the results of analysis within 30 days.
- 4.) On October 27, 2008, the walkthrough of the traffic aisle between the composting bays, revealed areas of damaged floor and cracks that need to be repaired, to ensure that the floor is an impervious barrier to the waste being handled.
- 5.) The facility is a Large, Type 4 Solid Waste Compost facility.
- 6.) The hours of operation are 7am-5pm Monday to Friday and 7am-12am Saturday.
- 7.) The signage at the entrance and at the office/scale house appears to be correct.
- 8.) The facility is currently receiving feed stocks from twenty-nine (29) counties in NC and three (3) counties in VA.
- 9.) The facility is receiving approximately 11,000 tons per month of animal waste, food waste, grease trap waste, municipal & industrial biosolids, sawdust/woodchips, sheetrock and tobacco stems.
- 10.) The permit, operations plan, carbon-nitrogen ratio records, vector attraction reduction requirements (VAR) and process to further reduce pathogens (PFRP) records were in order and appear to meet the requirements.

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


Bradley Bailey
Environmental Senior Specialist
Regional Representative

Phone: (919)508-8565

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cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central District Supervisor
Donald Herndon, Compliance Officer
Robert Holden -Chatham County Solid Waste Director