



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS		COUNTY: Chatham PERMIT NO.: 19-06 FILE TYPE: Compliance
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: March 1, 2007Date of Last Audit: November 17, 2005**FACILITY NAME AND ADDRESS:**

McGill Environmental Systems – Chatham Facility
 624 Christian Chapel Road
 New Hill, North Carolina 27562

FACILITY CONTACT NAME AND PHONE NUMBER:

Mr. Bill Kish
 (919) 542-8903

FACILITY CONTACT ADDRESS:

(same)

AUDIT PARTICIPANTS:

Robert Hearn, Solid Waste Section
 Bill Kish, Operations Manager

STATUS OF PERMIT:

Permit Issued: April 12, 2003
 Permit Amended (renewal): December 1, 2004; permit expires June 1, 2009

PURPOSE OF AUDIT:

Partial audit

NOTICE OF VIOLATION:

(none)

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, 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.

STATUS OF PAST NOTED VIOLATIONS:

(none)

AREAS OF CONCERN AND COMMENTS:

- Accompanied on site visit by Mr. Kish. Facility appeared to be in good shape and in compliance with applicable Rules, Permit Conditions, and the approved Operations Plan. Odors were not observed to be a problem at the time of inspection.
- Observed waste unloading and subsequent mixing operations in the wet materials bunker inside composting building. Operations inside building appeared to be orderly and relatively neat. Odors inside building were not as bad as expected. Large door at front was observed to be kept closed when receiving pad (ramp) not in use.

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3. Observed screening operations at north end of building and nearby compost curing windrows. Area observed to be in good shape. Compost quality appears to be consistent across the windrows. Little to no runoff was observed moving from the windrows. Runoff from east and north side of building observed to be directed to northeast basin, as designed, however, it appears that ponding of runoff may be occurring in some spots in this area; re-grade area as possible to eliminate ponding and control drainage according to approved plans. Organic material on the ground (between and outside windrows) in windrow area appears to be too thick in some places. Manage operations so as to minimize buildup of organic material on the ground.

4. Mr. Kish explained that the biofilter on the west side of the building has been undergoing renovation. Observed that approximately 80% of the biofilter has been replaced. Mr. Kish feels that changes made (additional distribution pipes, larger-sized rock in base layer, and more-porous filter media recipe) has resulted in better distribution of air through the biofilter rows, as evidenced by steam rising evenly across the surface of the biofilter. Consequently, biofilter function in controlling odors is greatly improved, according to Mr. Kish. Odors in the biofilter area were minimal at the time of inspection. No runoff (leachate) was observed to be exiting the biofilter at the time of inspection. Mr. Kish explained that a leachate collection trench would be installed along the edge of the biofilter field, as designed, upon completion of the renovation, to be followed by seeding of the outflow area with turfgrass.

5. Observed that the small basin on the west side of the site may need repair or renovation. Water in basin appeared greenish in color, possibly indicating that runoff reaching basin is nutrient-rich. Please review NCDENR Division of Water Quality and NPDES requirements regarding runoff generated by or exiting from the facility, and take actions as necessary to ensure compliance with any such requirements or permits.

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

Phone: (919) 508-8522

Robert Hearn
Waste Management Specialist
Solid Waste Section

cc: Mark Poindexter, Field Operations Branch Head
John Crowder, Eastern District Supervisor

Delivered on: 3/28/07	by		Hand delivery	<input checked="" type="checkbox"/>	US Mail		Certified No.
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