FACILITY COMPLIANCE AUDIT REPORT
Mecklenburg County Land Use and Environmental Services Agency
Solid Waste Services

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY :Mecklenburg
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: SWC 60-13
CDLF	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: June 7, 2010 **Date of Last Audit:** March 3, 2010

FACILITY NAME AND ADDRESS:
North Mecklenburg Landfill
15300 Holbrooks Road
Huntersville, NC 28078

GPS COORDINATES: N: 35:23:34 E: 080:49:40

FACILITY CONTACT NAME AND PHONE NUMBER:
Roger Barnes
704-875-3367

FACILITY CONTACT ADDRESS:
15300 Holbrooks Road
Huntersville, NC 28078

AUDIT PARTICIPANTS:
Mike Stilwell- Environmental Specialist
Roger Barnes-Landfill Manager

STATUS OF PERMIT:
Permit # 60-13 originally issued June 6, 1993,
Permit #60-13 amended March 7, 1995 and,
Permit #60-13 amended October 26, 2001 for the operation a 4.4-acre expansion cell.
Permit#60-13 amended March10, 2006 for the operation of 14.4 –acre expansion cell, Expires 3-10-2011

PURPOSE OF AUDIT:
Compliance

NOTICE OF VIOLATION(S):
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.

STATUS OF PAST NOTED VIOLATIONS:

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AREAS OF CONCERN AND COMMENTS:

General Observations (open cell):

An inspection by Mike Stilwell of Mecklenburg County LUESA was performed. The following areas were looked at:

- Reviewed daily cover logs, all were up to date thru 6/7//10
-Reviewed Waste Screening Logs (doing approx. 3 waste screenings per day)
-Reviewed water sampling logs (up to date)
-Site inspection identified approx a half-acre working face
-Stockpiled drywall was at a minimum

The facility was open and accepting waste. Active disposal working face was limited to an approximate 1/2-acre area. Intermediate soil cover is being applied sufficiently on a daily basis as waste is disposed.

Holbrooks road and the paved portions of the haul road were free of mud and litter.

Very little wind-blown litter was present in the landfill. No accumulation of wind-blown litter was apparent on landfill property or adjacent areas.

Sediment detention basins were in good condition.

General Observations (closed cell). All slopes have been seeded and covered with a thin veneer of mulch on the upper elevations. Very little erosion of the mulch-covered slopes was apparent..

Observations relevant to compliance with the "Construction and Operating" permit conditions for the new expansion: (see Solid Waste Permit 60-13 for reference)

1) The old existing cell has been closed out.

2) Only permissible waste types as described in condition 2 (a-d) of the permit were observed being disposed in the landfill (C&D waste).

3) . Landfill operations do not encroach upon SWIM buffers.

4) Sedimentation control devices (basins, silt fences and mulched ancillary areas) were judged to be in good working condition..

5) Waste Acceptance and Disposal: No unacceptable loads were observed disposed on the working face of the landfill.

a) Six inches or more of weekly cover is being added to areas currently being filled and compacted. Operator continues to add intermediate cover of 6-inches or more on a daily basis. Operator applies cover daily to reduce windblown litter and provide adequate fire protection boundaries within the landfill. An abundance of soil for this purpose remains readily available on site.

Access and Safety:

a)The facility access controls were functional and maintained in very good condition;

b) An attendant was on duty at the time of inspection;

c) Asphalt, gravel and slag paved access and haul roads in the landfill were maintained in good condition. No mud, dust or litter resulting from the

landfill was apparent on Holbrooks Road.

d) Minimal dust was resulting from haul road traffic along an approximate 100-yd length of unpaved road.

e) Signs posting the required facility information remain conspicuously posted at the entrance. Signs at this facility are large, easy to read and well placed;

f) Signs posted at the gate stated that no "MSW, Liquid or Hazardous Waste" could be received;

g) Traffic into and through the landfill is routed efficiently into and out of the landfill.

h) No unauthorized removal of solid waste from the landfill was observed.

I) No unacceptable loads of waste were observed disposed in the landfill. The landfill manager maintains a record of all inspected and rejected waste loads on-site.

j) No open burning or evidence of open burning was observed.

k) No measurements of explosive gasses were made during this inspection.

Erosion and Sediment Control:

a-b) Sediment basins were judged to be in good condition. Mulch placed in limited buffer areas is reducing runoff velocities and sediment transport.

Drainage and Water Protection Requirements:

a-b) Surface water is being adequately diverted from the active landfill working area. A positive gradient is being maintained to prevent ponding of water in unfilled sections or over waste disposal areas.

c) No measurements of groundwater depths were made during the inspection. .

d) No disposal of solid waste into water was observed.

e) No leachate was observed;

7) No ground-water remediation is currently occurring at this site;

8) No closure or post-closure plan has been submitted by the operator addressing final cover, ground-water and explosive gas monitoring.

Monitoring and Reporting Requirements:

1-5) The landfill operator currently reports results of monitoring and weights of wastes received to NCDENR . The operator is keeping a daily cover log as required. The following employees have SWANA Certifications for landfill management:

Wanda Ellis 10-11
Kenneth Nantz 2-12
Katie Rimer 2-13

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

Mike Stilwell
Environmental Specialist

Phone: 704-432-1753.

Delivered on : [Click and type date] by		Hand delivery		US Mail	x	Certified No. [ ]

cc Teresa Bradford, Senior Environmental Specialist