

|                  |          |         |
|------------------|----------|---------|
| Fac/Perm/Co ID # | Date     | Doc ID# |
| hr               | 10/11/01 | DIN     |

Compliance



## North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

### DIVISION OF WASTE MANAGEMENT SOLID WASTE SECTION

October 11, 2001

Mr. Kenneth Westmoreland, Jackson County Manager  
Jackson County Justice Center  
401 Grindstaff Cove Road  
Sylva, NC 28779

RE: Notice of Violation Compliance Inspection at Jackson County MSW Landfill  
Permit No. 50-02  
Jackson County, Facility #

Dear Mr. Westmoreland:

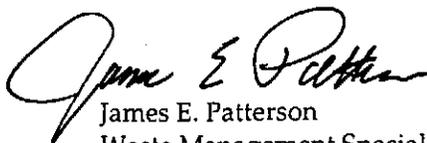
I conducted a Notice of Violation Compliance Inspection at the Jackson County MSW Landfill, Permit No. 50-02, on September 28, 2001. Item No. 2 [15A North Carolina Administrative Code 13B .1626(7)(b)] relating to on-site erosion, and Item No. 3 [15A North Carolina Administrative Code 13B .1626(7)(c) concerning seeding, have been addressed/corrected.

I have also received a package dated September 28, 2001 from Altamont Environmental, Inc., addressing Item No. 1 in the Notice of Violation pertaining to methane gas violations, which includes schedules for implementing a remediation plan.

The inspection on September 28, 2001, and the comments from Altamont Environmental, Inc. dated September 28, 2001, fulfill the directives specified in my September 7, 2001 Notice of Violation to Jackson County.

Thank you for your attention to this matter.

Sincerely,



James E. Patterson  
Waste Management Specialist

JEP:sb

cc: Mark Pointdexter  
Heather Leclair  
Phil Prete  
Brent Rockett  
Jim Coffey

852 Merrimon Avenue, Asheville, North Carolina 28804  
Telephone 828-251-6784 Fax 828-251-6770 Internet: [www.enr.state.nc.us/ENR/](http://www.enr.state.nc.us/ENR/)

An Equal Opportunity / Affirmative Action Employer - 50 % Recycled / 10 % Post Consumer Paper

| <b>UNIT TYPE (check all that apply to this audit)</b> |                                     |                       |  |          |  |      |  |     |  |                     |  |
|---|-------------------------------------|-----------------------|--|----------|--|------|--|-----|--|---------------------|--|
| Lined MSWLF   |                                     | CDLF                  |  | Transfer |  | HHW  |  | MRF |  | Incin               |  |
| Closed MSWLF  | <input checked="" type="checkbox"/> | Tire Monofill         |  | FIRM     |  | SLAS |  | YW  |  | Compost             |  |
| LCID  |                                     | Tire T&P / Collection |  | SDTF     |  | T&P  |  | MWP |  | Industrial Landfill |  |

|                                    |
|------------------------------------|
| COUNTY: <b>Jackson County</b>      |
| PERMIT OR RECORD NO.: <b>50-02</b> |
| FILE TYPE: <b>COMPLIANCE</b>       |

**STATUS OF PERMIT:** Closed

## FACILITY COMPLIANCE AUDIT REPORT

Date of Inspection: 08/10/01      Date of Report: 08/20/01      Date of Last Inspection: 03/23/01

**FACILITY NAME AND ADDRESS:**

Jackson County MSW Landfill  
US 441  
Dillsboro, NC 28725

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Heather Leclair  
Telephone: 828-586-7577

**FACILITY CONTACT ADDRESS (IF DIFFERENT):**

Heather Leclair, Jackson County Solid Waste Department  
Jackson County Justice Center  
401 Grindstaff Cove Road  
Sylva, NC 28779

**AUDIT PARTICIPANTS:**

Jim Patterson, N.C. Solid Waste Section

Heather Leclair and Verlin Coggins, Jackson County Solid Waste Department

**PURPOSE OF AUDIT:**

Post closure inspection of MSW Landfill.

**VIOLATIONS NOTED (citation and explanation):**

- (A) 15A North Carolina Administrative Code 13B .1626(4)(c)(iii) states that if methane gas limits exceed the limits specified in (4)(a) [the lower explosive limit for methane at the facility property boundary], the owner or operator must within 60 days of detection implement a remediation plan for methane gas releases, place a copy of the plan in the operating record, and notify the Division that the plan has been implemented. The plan shall describe the nature and extent of the problem and the proposed remedy. The Jackson County Landfill is operating in violation of this rule in that the above requirements have not been initiated.

A compliance date of September 28, 2001, has been established for implementing a plan to remediate the methane gas releases at the Jackson County MSW Landfill and to provide the follow-up documentation specified in (A) above.

- (B) 15A North Carolina Administrative Code 13B .1626(7)(b) states that adequate erosion control measures shall be utilized to prevent excessive on-site erosion. The Jackson County MSW Landfill was operating in violation of this rule. Evidence of excessive on-site erosion was observed during the inspection.



**VIOLATIONS NOTED (citation and explanation) (continued):**

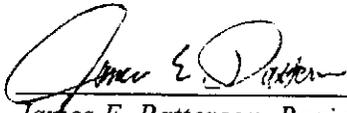
- (C) 15A North Carolina Administrative Code 13B .1626(7)(c) states that provisions for vegetative ground cover sufficient to restrain erosion need to be accomplished within 30 working days or 120 calendar days upon completion of any phase of MSWLF development. The Jackson County MSW Landfill was operating in violation of this rule in that several areas lacking vegetation were observed during the inspection.

A compliance date of September 28, 2001 has also been established for addressing items B and C above based on your letter dated August 10, 2001 addressing these issues.

**COMMENTS /SUGGESTIONS:**

I will be happy to meet with your new County Manager, Kenneth Westmoreland, to discuss this inspection.

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



(signature) Phone: 828-251-6784

*James E. Patterson, Regional Representative*

Delivered on 8-20-01 (date)

← ?

by    hand delivery    X US Mail    e-mail    Other(specify)   



| Fac/Perm/Co ID # | Date     | Doc ID# |
|------------------|----------|---------|
| 62               | 10/11/01 | DIN     |

**Subject: Jackson County - Landfill Gas**

**Date:** Thu, 11 Oct 2001 15:13:47 -0400

**From:** "Jim McElduff" <jmcelduff@altamontenvironmental.com>

**To:** "Mark Poindexter (E-mail)" <mark.poindexter@ncmail.net>

**CC:** <jim.patterson@ncmail.net>

Mark:

In response to your question regarding the Jackson County Landfill Gas Mitigation Plan: Vents 1-15 shown on the map were installed by McGill; apparently during closure of the landfill. We are proposing to install gas extraction wells in the vicinity of GP-05 (i.e., along the road that formerly gave access to the C&D disposal area).

As you can see in the appended tables showing gas concentrations in GP-13s GP-13d, GP-14s, and GP-14d, the county would have been in compliance along the eastern side of the landfill had they owned the land that may now be available as buffer. In light of the information I received this morning regarding the possible availability of that property, we are evaluating whether the extraction wells should be installed in another location if the County can obtain that buffer.

I will keep you and Jim Patterson posted on what we learn and decide.

Jim