

RCRA INSPECTION REPORT

1. **Facility Information:** Third Creek Wastewater Treatment Plant
444 Third Creek Road
Statesville, N.C. 28687
NCR 000 001 602, TSD Facility

PO Box 1111
Statesville, NC 28677
2. **Facility Contact:** Mr. Jerry Byerly, Assistant Director of Water Resources
704-878-3438
3. **Survey Participants:** Mr. Jeff Carty, Plant Supervisor
Mr. Sean Morris, Waste Management Specialist *SM*
4. **Date of Inspection:** August 4, 2004

Date of Report: August 4, 2004
5. **Purpose of Inspection:** To determine compliance with Post Closure Care,
Administrative Order on Consent, and Groundwater Monitoring
requirements.
6. **Facility Description:**

Third Creek Wastewater Treatment Plant is located in Statesville, NC. The facility is operating under an Administrative Order on Consent that was signed on March 8, 1995. Wastewater treatment sludge from Aeration Basin 1 and 2 was removed because of elevated cadmium levels in the facility's wastewater discharge. Soil from the Aeration Basins was removed and placed in 8-landfill trenches onsite. 7 out of the 8 trenches exceeded the TCLP limit for cadmium.

7. **Waste Type:**

None

8. **Areas of Inspection:**

Manifests:

N/A

Monthly Inspections:

Monthly inspections are being conducted and documented. Mr. Jeff Carty conducts all inspections.

Emergency Coordinator:

The facility contact is Mr. Jerry Byerly.

Training:

Mr. Carty is the only employee trained in hazardous waste management. The last training date was 8/4/03. A training outline was also available. Water sampling is conducted by and outside contractor named Aqua Terra. A certification letter was attached to the facilities operating record that shows that four employees of Aqua Terra have received training.

Biennial Report:

Not available

Emergency Preparedness:

The facility is operated to minimize fire, explosion, or hazardous waste release. A contingency plan is also maintained on-site.

Accumulation Areas:

N/A

Hazardous Waste Storage Areas:

N/A

Other Hazardous Waste Units:

The facility is operating under post-closure care as described above. Groundwater monitoring is currently being conducted annually by Aqua Terra. The facility's Sampling and Analysis Plan is onsite and up to date. The last sample date was 12/16/03. The facility also maintains a survey plat of the closed landfills.

The facilities financial information is up to date and maintained onsite.

Method: Financial Test

Amount: \$180,514

Expires: Sept. 30, 2004

Jenny Lopp with the NC Hazardous Waste Section was contacted by e-mail for an update on the facility's financial assurance compliance.

9. **Site Deficiencies:**

No deficiencies noted.

10. **Recommendations:**

- It is recommended that the landfill area be mowed in order to prevent the emergence of vegetation, which may compromise the integrity of the cap.
- It is recommended that all documents required by the Administrative Order on Consent and the Post Closure Plan be kept at the Third Creek WWTP Operations Center for review. Specifically, Post Closure Financial Assurance updates.



INSPECTOR (DATE)

SENT US MAIL
FACILITY CONTACT

cc: Jesse Wells, HWS Western Supervisor
Raleigh Files
MRO Files

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
HAZARDOUS WASTE SECTION

INSPECTION REPORT

Third Creek Wastewater Treatment Plant
Third Creek Rd
Statesville, NC 28677
Jerry Byerly
704-878-3438

EPA ID: NCR000001602

Facility Description:

Hazardous Waste Streams Include:

Inspection Type: CEI COMPLIANCE EVALUATION INSPECTION ON-SITE

Inspection Date: 08/04/2004

Inspector: Jim Morris

Present at Inspection: Jeff Carty, Plant Supervisor

Purpose:

Recommendations:

September 21, 2004

Jim Morris

Date

Facility Representative

Date

Waste Management Specialist, NCDENR