

**NC DEPT OF ENVIRONMENT & NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
HAZARDOUS WASTE SECTION**

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. Jerry Byerly
Mr. Sean Morris, Waste Management Specialist
4. **Date of Inspection:** August 31, 2006

Date of Report: September 1, 2006
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. The closed trenches are also regulated under a NC Division of Water Quality, Surface Disposal of Residual Solids (503), Permit # WQ0004040.

Waters Edge Environmental conducts an annual cap integrity inspections. The last inspection was conducted on 2/17/05. The inspection did not indicate any structural problems, but did recommend mowing and over-seeding.

7. **Waste Type:**

None

8. **Areas of Inspection:**

Manifests:

N/A

Monthly Inspections:

Monthly inspections are being conducted and documented. Mr. Todd Norman conducts all inspections.

Emergency Coordinator:

The facility contact is Mr. Jerry Byerly.

Training:

The facility trained 4-employees on record keeping, security, and inspections associated with the closed impoundments. The last training date was 8/3/06. A training outline was also available. Mr. Jerry Byerly conducts the annual training. An outside contractor, Waters Edge Environmental, conducts water sampling. A certification letter was attached to the facilities operating record that shows that four employees of Waters Edge 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. The facility's Sampling and Analysis Plan is onsite and up to date. The last sample date was 12/7/05. Eight monitoring wells are monitored. MW-5 and MW-6 have not had sufficient yields for sampling over the past several years. The facility also maintains a survey plat of the closed landfills. An inspection of the landfill cap was conducted. Monitoring wells were locked and in good shape. No erosion problems were noted. Several small woody plants were noted on several of the closed trenches. A strong recommendation was made to remove the woody vegetation and to over-seed the trenches. The contact for the NC Hazardous Waste Section, Facility Management Branch, is Mr. Larry Stanley. Mr. Stanley was contacted, via e-mail, prior to the inspection and indicated that the facility is up to date on their post closure requirements.

The facilities financial information is up to date and the 2006 information will be maintained onsite after the Accounting Department finishes their review.

Method: Financial Test
Amount: \$173,736
Expires: Sept. 30, 2006

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 strongly recommended that all woody vegetation on the regulated trenches be removed. It is also recommended that the trenches be over-seeded.

 9/1/06
INSPECTOR (DATE)

SENT US MAIL
FACILITY CONTACT

cc: Jesse Wells, HWS Western Supervisor
Raleigh Files
MRO Files
Jerry Byerly, City of Statesville