

EPA ID Number: NCR000001602

Facility Name: THIRD CREEK WWTP

City: STATESVILLE, NC

EVALUATION DATA New:  Change:  Delete:

Mo. Day Yr. Type:  
Date: 03/22/07 CEI  
Date:    /   /       

ENTERED ON RCRA  
INFO ON 3/23/07  
S.M.

Inspector ID #: 046 Reason:    

Evaluation Comments:

TSD COMPLIANCE INSPECTION. NO VIOLATIONS NOTED

SNC DETERMINATION: If this evaluation resulted in a SNC determination, fill in this block. (NOTE: SNC determinations are SNY/SNN evaluations. The SNY/SNN evaluation can also be submitted later on a separate form.)

Facility is (Check one)

- a SNC (SNY evaluation)
- or
- no longer a SNC (SNN eval.)

Docket #    

YES / NO CSE ONLY

Waste Involved	Volume	Exposure Media (a, gw, sw, s)	Distance to Residences	Number of People involved	Distance to On-site wells	Distance to Off-site wells

#     Type:     Date Determined     /     /     Class:    

Priority:     Branch:     Person:    

Return to Compliance     /     /         /     /      
\*Scheduled\* \*Actual\*

Reg. Type:     Reg. Description:    

Comment:    

#     Type:     Date Determined:     /     /     Class:    

Priority:     Branch:     Person:    

Return to Compliance:     /     /         /     /      
\*Scheduled\* \*Actual\*

Reg. Type:     Reg. Description:    

Comment:

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. Todd Newman, Plant Supervisor  
Mr. Sean Morris, Senior Environmental Specialist
4. **Date of Inspection:** March 22, 2007
- Date of Report:** March 23, 2007
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 inspection. The inspection did not indicate any structural problems, but did recommended 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. The facility trains each employee who is required to enter the monofill area, regardless of the reason.

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.

Contingency Plan:

The facility maintains a basic contingency plan that was developed on 6/28/95. The plan is periodically reviewed. The plan includes a site health & safety guideline, site layout, safety procedures, and evacuation statement. The facility maintains an entry log for anyone who enters the monofill area.

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 12/20/06. 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: \$170,039.00  
Expires: Sept. 30, 2007

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.

 3/23/07  
INSPECTOR (DATE)

**SENT US MAIL**  
**FACILITY CONTACT**

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

Third Creek WWTP  
TSD Checklist

Date: 3/22/07

HWS Permit Contact: LARRY STANLEY

EPA ID #: NCR 000 001 602

Facility Contact: JERRY BYERLY OR TODD NORMAN

Summary:

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 waste water 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.

Groundwater Monitoring:

Required Frequency of Sampling: ANNUAL LAST SAMPLING 12/20/06

Is SAP onsite Y Y/N LAST PLAN 2/22/07

The facility currently samples 8 monitoring wells annually. Is sampling up to date and are last sampling results onsite? Y Y/N

Required Inspections and Documents:

Copy of Post Closure Plan and Closure Plan maintained onsite Y Y/N

Job titles for each position related to hazardous waste management Y Y/N

Job descriptions for each position related to hazardous waste management Y Y/N

Written description of initial and continuing training Y Y/N

Is the training documented Y Y/N

Contingency Plan onsite Y Y/N

Operating Record onsite (description, quantity, and location of haz-waste Y Y/N

Facility operated to minimize fire, explosion, or releases Y Y/N

Monthly Inspections Documented For:

Erosion damage, vegetative cover, run-on / run-off control system, subsidence, security fence, and monitoring wells Y Y/N CONDUCTED BY TODD NORMAN

CASINGS HAVE  
BEEN  
PAINTED.

\* MOWED MONOFILL IN  
MARCH 2007

Visual Inspection During CEI:

CHECKED

Monitoring Wells:

Locked Y Y/N Casing in Good Condition Y Y/N

Impoundment Cover:

Adequate vegetation Y Y/N Erosion Problems: N Y/N

Run-on / Run-off Control:

Adequate Y Y/N

Security System:

Fencing adequate Y Y/N Locked at night Y Y/N

Post Closure Cost Estimates:

CHECKED w/ JENNY LOPP  
PRIOR TO INSPECTION.

Method: FINANCIAL TEST

Amount: 170,039.00

EXPIRES:  
Date Updated:

9/30/07

COMMENTS: