



WaRO

North Carolina Department of Environment and Natural Resources

Division of Water Quality

Coleen H. Sullins

Director

Beverly Eaves Perdue

Governor

Dee Freeman

Secretary

April 12, 2011

Town of Maysville
Billy Ray Waddell
PO Box 265
Maysville NC 28555

SUBJECT: Town of Maysville
March 31, 2011 Compliance Evaluation Inspection
Permit No: NC0021482
Jones County

Dear Mr. Waddell:

Enclosed please find a copy of the Compliance Evaluation Inspection conducted on March 31, 2011. The facility was found to be in **NonCompliance** with permit NC0021482.

Please refer to the enclosed inspection report for additional observations and comments. If you or your staff have any questions, please call me at 252-948-3918.

Sincerely,

Kristin C Jarman
Environmental Senior Specialist

cc: Glen Snader, ORC
Central Files
Washington Files ✓

Operations & Maintenance

Yes No NA NE

- Is the plant generally clean with acceptable housekeeping?
- Does the facility analyze process control parameters, for ex: MLSS, MCRT, Settleable Solids, pH, DO, Sludge Judge, and other that are applicable?

Comment:

Permit

Yes No NA NE

- (If the present permit expires in 6 months or less). Has the permittee submitted a new application?
- Is the facility as described in the permit?
- # Are there any special conditions for the permit?
- Is access to the plant site restricted to the general public?
- Is the inspector granted access to all areas for inspection?

Comment: New permit was issued December 1, 2007. Plant is being upgraded and fence is down in one area.

Record Keeping

Yes No NA NE

- Are records kept and maintained as required by the permit?
- Is all required information readily available, complete and current?
- Are all records maintained for 3 years (lab. reg. required 5 years)?
- Are analytical results consistent with data reported on DMRs?
- Is the chain-of-custody complete?
- Dates, times and location of sampling
- Name of individual performing the sampling
- Results of analysis and calibration
- Dates of analysis
- Name of person performing analyses
- Transported COCs
- Are DMRs complete: do they include all permit parameters?
- Has the facility submitted its annual compliance report to users and DWQ?
- (If the facility is = or > 5 MGD permitted flow) Do they operate 24/7 with a certified operator on each shift?
- Is the ORC visitation log available and current?
- Is the ORC certified at grade equal to or higher than the facility classification?
- Is the backup operator certified at one grade less or greater than the facility classification?

Pump Station - Influent

Yes No NA NE

Is SCADA telemetry available and operational?

Is audible and visual alarm available and operational?

Comment: The lead pump failed during the night and the lag pump kicked in. The operators were working on the system.

Bar Screens

Yes No NA NE

Type of bar screen

a. Manual

b. Mechanical

Are the bars adequately screening debris?

Is the screen free of excessive debris?

Is disposal of screening in compliance?

Is the unit in good condition?

Comment: The bar screen has been removed. A new parabolic screen is coming in approx. 2 weeks.

Grit Removal

Yes No NA NE

Type of grit removal

a. Manual

b. Mechanical

Is the grit free of excessive organic matter?

Is the grit free of excessive odor?

Is disposal of grit in compliance?

Comment: Grit goes to the landfill. Two new grit chambers will be installed in the near future.

Secondary Clarifier

Yes No NA NE

Is the clarifier free of black and odorous wastewater?

Is the site free of excessive buildup of solids in center well of circular clarifier?

Are weirs level?

Is the site free of weir blockage?

Is the site free of evidence of short-circuiting?

Is scum removal adequate?

Is the site free of excessive floating sludge?

Disinfection-Gas

Yes No NA NE

Comment: A new cylinder had just been put on line. A call is made for a backup cylinder after the new one is installed. The new one lasts approx. 1 month. The contact chamber was very turbid since the pump had failed during the night. It was being pumped back to the head of the plant during the inspection. A UV system is currently being installed and will be on line next week.

De-chlorination

Yes No NA NE

Type of system ?

Liquid

Is the feed ratio proportional to chlorine amount (1 to 1)?

Is storage appropriate for cylinders?

Is de-chlorination substance stored away from chlorine containers?

Comment:

Are the tablets the proper size and type?

Are tablet de-chlorinators operational?

Number of tubes in use?

Comment:

Standby Power

Yes No NA NE

Is automatically activated standby power available?

Is the generator tested by interrupting primary power source?

Is the generator tested under load?

Was generator tested & operational during the inspection?

Do the generator(s) have adequate capacity to operate the entire wastewater site?

Is there an emergency agreement with a fuel vendor for extended run on back-up power?

Is the generator fuel level monitored?

Comment: The generator is not tested on a regular basis, only prior to a hurricane. It should be tested on a regular basis. The ORC did not know if there is an emergency agreement with a fuel vendor.

Pumps-RAS-WAS

Yes No NA NE

Are pumps in place?

Are pumps operational?

Are there adequate spare parts and supplies on site?

Comment:

Laboratory

Yes No NA NE