AER 8/22/12
JEH
MRT
BGL
JCL

Town of Ashland City

P.O. Box 36 * 101 Court Street * Ashland City, Tennessee 37015
Phone: 615-792-4211 fax: 615-792-3501

2012 AUG 20 AM 10:50
RECEIVED

August 17, 2012

Tennessee Dept. of Environment & Conservation
Nashville Environmental Field Office
Ms. Ann E. Rochelle, Assistant Manager
711 R. S. Gass Blvd.
Nashville, TN 37243

Dear Ann:

The preceding letter addressed items of non-compliance found during your inspection of May 30 and 31, 2012. Most items have been corrected or Billy reported where we are on making the necessary corrections.

One item that Mr. Harris was not able to answer to is excess I/I. Let me assure you that we are aware of the problem and have a plan to make the necessary corrections.

First, we are making repairs as we find problems and this is and will be an ongoing process. Over the next two years we will be retiring a large portion of our Enterprise Fund debt and will devote more time and money specifically to renovations to correct the I/I problems. Unusual weather has also caused us more problems than normal and if weather conditions return to normal, our violations will decrease proportionally.

As to repairs; when money becomes available in the short term, we plan to smoke lines and identify, then make repairs, to the system. We have done this on two occasions over the past five years and reduced our problem. This will be a priority and we ask that you give us the time to come into full compliance.

Thank you for your work. You know that I am extremely concerned about the environment and will do all in my power to bring the system into compliance.

Sincerely,

Richard A. Johnson
Mayor

Cc: Ms. Meredith Benton

This institution is an equal opportunity provider and employer. To file a complaint of discrimination, write USDA Director, Office of Civil Rights; 1400 Independence Avenue S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD).

TDEC
NASHVILLE
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2012 AUG 20 AM 10: 50

"All Roads Lead to Ashland City"
Waste Water Treatment Plant

Ashland City S.T.P.
199 Rhea St.
Ashland City, Tn.
NPDES #TN0020737

Dear Ann E. Rochelle:

This is a response letter from the Compliance Sampling Inspection here at the Ashland City Wastewater Treatment Plant that was conducted on May 30 and 31, 2012 and also a written response of letter received on July 27, 2012.

Operation and Maintenance

1. Bids are out on the construction of a new Lab and office for the wastewater treatment plant and should be completed in the year 2012.

3. The influent pumps are being looked at to be changed to a newer type of pumping system and getting away from our current screw pumps. This is something coming in the near future.

4. The odor control system is still out of service but will be back in service when a new type of influent pumps and headwork's is constructed.

6. The area around the step screen is checked every day to make sure it is operating correctly and cleaned.

7. The gap in the influent walk way has been covered to prevent possible accidents.

9. Vegetation around oxidation ditch has been removed.

10. The clarifiers are cleaned and washed down daily.

11. The electrical manhole covers are covered.

14. The chlorine contact chamber will be washed down with its own water from the chlorine contact chamber soon as parts arrive in the days to come.

Flow Measurement

An in house flow calibration is done monthly to flow meter along with annual calibration check done by Industrial Electric Service.

Sampling

1. All three composite samplers are set to flow proportional
2. The effluent composite sampling has been moved up the channel to ensure no rain runoff to be collected in sample.
7. Response under operation and maintenance #14
8. The influent sample tub has been shortened and placed in a mid-channel, mid-depth location.
11. The sampler tubing is replaced on a as needed when showing any sign of mold, algae growth or discoloration. The solids from the effluent BOD collection point have been removed and hosed down and cleaned often.

Biochemical Oxygen Demand

The temperature to BOD incubator is documented on BOD lab sheets daily.

E.coli

1. The temperature to dry incubation is documented on the E.coli lab sheet daily when in use.
2/3 The appropriate calculation procedure is being used on the count of E.coli sample plates using the 20 to 80 count per sample and correct results are reported on MORs.

Total Suspended Solids

2. The appropriate weights have been found to check the accuracy of the analytical balance.
3. The drying oven temperatures are documented on lab sheets when in use.

Settleable Solids

The Imhoff cones are poured out and cleaned after each use.

Ph

The expiration date on ph buffers are monitored and discarded before expiration dates.

Total Chlorine Residual

The Pocket Colorimeter II is cleaned and covered after each use, Chem wipes are used to clean sample vials before each use.

Records and Reports

In the future any reporting of non-flow composite sampling will be noted on lab sheets and also on MORs and DMRs. Reason of problem also will be addressed in a written letter.

Mayor Johnson has addressed our plan for I/I remediation in the following letter.

Sincerely,
Billy Harris
Superintendent Water / Wastewater

Cc: Mayor Johnson

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