

**ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
WATER DIVISION – INDUSTRIAL AND MUNICIPAL SECTIONS
NONCOMPLIANCE NOTIFICATION FORM**

PERMITTEE NAME: Cahaba River WWTP PERMIT NO: AL0023027
 FACILITY LOCATION: 3900 Veona Daniels Road Hoover, Alabama
 DMR REPORTING PERIOD: July 2013

1. DESCRIPTION OF DISCHARGE: (Include outfall number (s))

A 24 hour notice was given on July 3, 2013 followed by this written report for a July 2, 2013 E. Coli violation at the Cahaba River WWTP, AL0023027, Outfall 0011. The reported E.Coli count of 1413.6col/100ml exceeded the permitted daily maximum of 487 col/100ml.

2. DESCRIPTION OF NON-COMPLIANCE: (Attach additional pages if necessary):

LIST EFFLUENT VIOLATIONS (If applicable)			
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Result Reported (Include units)	Permit Limit (Include units)
0011	Exceeded Daily Maximum E. Coli Limit	1413.6 col/100ml	487 col/100ml
LIST MONITORING / REPORTING VIOLATIONS (If applicable)			
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Monitoring / Reporting Violation (Provide description)	
N/A			

3. CAUSE OF NON-COMPLIANCE (Attach additional pages if necessary):

After investigation of the UV system, there were no apparent malfunctions or equipment deficiencies that would cause the system to be inadequate. The sample from the 1st was 12.0 col/100ml and the sample from the 3rd was 10.7 col/100ml with no changes made in the UV system or flow characteristics of the WWTP between the 1st and 3rd. It is suspected that a flock of birds contaminated the post UV sample. A definitive cause is unknown.

4. PERIOD OF NONCOMPLIANCE: (Include exact date(s) and time(s) or, if not corrected, the anticipated time the noncompliance is expected to continue):

The daily grab sample for July 2, 2013 for E.Coli caught at 7:55 a.m. was determined to be in non-compliance exceeding the daily maximum limit. The preceding and post day samples were in compliance with the discharge limitations.

5. DESCRIPTION OF STEPS TAKEN AND/OR BEING TAKEN TO REDUCE OR ELIMINATE THE NONCOMPLYING DISCHARGE AND TO PREVENT ITS RECURRENCE (attach additional pages if necessary):

Sampling procedures being reviewed. UV system was taken out of service and serviced replacing 2 of the 72 lamps. Maintenance and cleaning practices of UV channels to be reviewed and modified as found necessary. Temporary covers were placed around gate openings to prevent birds gathering in channel. A permanent screen will be constructed to prevent entry of birds.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Gary L Nelson, Cahaba River WWTP Manager

NAME AND TITLE OF RESPONSIBLE OFFICIAL (type or print)
Gary L Nelson, 7/5/2013
 SIGNATURE OF RESPONSIBLE OFFICIAL / DATE SIGNED