

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

PERMITTEE NAME: Prudes Creek WWTP PERMIT NO: AL0056120
 FACILITY LOCATION: 500 Water Trail Graysville, Alabama
 DMR REPORTING PERIOD: June 2013

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

On June 19, 2013 the Prudes Creek WWTP, Permit No. AL0056120, Outfall 001, exceeded its permitted Daily Maximum Limit of 2000 col/100ml for Fecal Coliform. The reported total is 4100 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)
001	Exceeded Daily Maximum Fecal Coliform	4100 col/100ml	2000 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):

There was thunderstorm activity with lightning during the night of the 18th and morning of the 19th. Some control boards and ballasts in the UV system were later found damaged from lightning. The UV system was functioning on the 19th, but did not provide adequate intensity for disinfection when the sample was taken.

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 fecal coliform grab sample result from the 18th was 9 col/100mL. The UV system was damaged sometime during the night on the 18th, or 19th possibly around 12:30am, and failed to provide adequate disinfection when the sample was taken later on the 19th. The UV system was providing adequate disinfection by the morning of the 20th. The fecal coliform grab sample result from 8:45am on the 20th was 3 col/100mL. Both samples from the 19th and 20th were taken prior to the discovery and repair of the damaged controls and produced very dissimilar results. The exact period of non-compliance is unknown.

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):

On the 20th, two of the three modules that make up the UV control system were rebuilt. The third module will be repaired as soon as parts are ordered and delivered. The grounding of the unit will be re-assessed to increase lightning protection. Daily and monthly UV system inspections and operation recommendations by the manufacturer will be followed. SCADA alarm protocols will be reviewed.

"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."

Lynn D. Jones, Plant Manager Five Mile Creek WWTP & Prudes Creek WWTP

NAME AND TITLE OF RESPONSIBLE OFFICIAL (type or print)

Lynn D. Jones *June 25, 2013*
 SIGNATURE OF RESPONSIBLE OFFICIAL / DATE SIGNED