

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, Birmingham, AL 35244 (Jefferson County)
 DMR REPORTING PERIOD: December 2015

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

Stormwater Outfall 003S and Stormwater Outfall 004S exceeded the permit limit for oil and grease.

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)
Outfall 003S	Oil and Grease	25 mg/l	15 mg/l
Outfall 004S	Oil and Grease	31 mg/l	15 mg/l
LIST MONITORING / REPORTING VIOLATIONS (If applicable)			
Outfall Number (s)	NONCOMPLIANCE PARAMETER(S)	Monitoring / Reporting Violation (Provide description)	

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

The actual cause of the violations is unknown. A resurfaced paving area may have contributed to the violation. Darkened spots on the pavement from previous oil leaks from vehicles were the only observed potential sources of oil or grease found on-site. There have been no oil or lubricant spills in the drainage areas for outfall 003 or outfall 004.

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

November 18, 2015; (Outfall 003S 08:18 a.m.) and (Outfall 004S 08:10 a.m.)

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):

The SPCC and SWPP plans have been implemented and reviewed for storage practices, spill prevention, control measures, good housekeeping practices, and employee awareness and training. The treatment plant personnel have been counseled on importance of observation and response of oil and lubricant handling and spill prevention including the importance of record keeping, daily inspections and observation of conditions during sampling. Grounds keeping contractors have been made aware of SWPP requirements. (Continued on Attachment 1)

"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, 12/3/2015
 SIGNATURE OF RESPONSIBLE OFFICIAL / DATE SIGNED

Attachment 1

5.) Description of steps taken:

Ultra-Drain Guard Oil and Sediment storm water inlet filters were in use within the inlets in the parking area and resurfaced areas that discharge to storm water outfall 003 and outfall 004. Additional filters will be installed in drains, and the current filters will be replaced. Product information for the inlet filter is shown below.

Ultra-Drain Guard®



Protect the water system from sediment and pollutants with Ultra-Drain Guard catch basin inserts



Description:

The Ultra-Drain Guard is engineered to filter stormwater waste before it becomes a problem in the water system. As a storm drain filter, it removes contaminants like litter, sand, and oil from stormwater flow. It's geotextile fabric and easy installation makes it ideal for industrial facilities, construction sites, and parking lots where stormwater runoff is likely to carry oil, eroded soil, debris, and fuel contaminants from cars.



Compliance:

Exceeds 90% sediment removal efficiency. Helps comply with NPDES, 40 CFR 122.26 (1999) when used as Best Management Practice in Stormwater Pollution Prevention Plans.

Installation:

Easily installed in most drains. To do it, simply raise the grate, place the Drain Guard over the opening, and carefully lower the grate back in place. As a final step, pinch the fabric in place to keep it secure.

Project-specific models:

The Ultra Drain Guard has several models...

- **Oil & Sediment Model** (Part # 9217/9356) — removes up to .87 gallons of hydrocarbons as well as dirt, sand and other contaminants.
- **Oil & Sediment Plus Model** (Part # 9219/9358) — the addition of Ultra-X-Tex filter strips increases oil and grease absorption by .51 gallons, offering a total capacity of 1.38 gallons of hydrocarbon removal.
- **Trash & Debris Model** (Part # 9227) — designed specifically to catch larger items and floatables like leaves, cigarette butts and paper goods.