



"One Team, One Goal...Customer Service"

870-239-7700
Fax: 870-239-7798
www.paragould.com

September 14, 2016

Arkansas Department of Environmental Quality
NPDES Enforcement Section
5301 Northshore Drive
North Little Rock, AR 72118-5317

Re: NPDES Permit # AR0033766 – Paragould Light Water & Cable (PLWC)
August 2016 Permit Violation

To Whom It May Concern:

PLWC regrets to inform you that the wastewater treatment plant was in non-compliance during the month of August 2016. The non-compliance was for the Ammonia Nitrogen monthly average limit. The cause of the violation was due to low dissolved oxygen levels in the oxidation ditches. See the attached non-compliance report for more details.

If you have questions or need additional information, please contact Lisa Ellington, Manager of Environmental Services, at (870) 239-7795 or lellington@paragould.com. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Darrell Phillips". The signature is written in a cursive, flowing style.

Darrell Phillips
General Manager/CEO

PERMITTEE Paragould Light, Water and Cable - Wastewater Treatment Plant
PERMIT NO. AR0033766

DATE OF VIOLATION August 2016

PARAMETER VIOLATED Ammonia Nitrogen (NH₃-N)

REPORTED DISCHARGE NH₃-N Monthly Limit: 2.4 ppm

PERMIT CONDITION NH₃-N Monthly Limit: 2.1 ppm

A description of the noncomplying discharge including its impact upon the receiving waters:

NH₃-N monthly average value above permit limit; there were no observable impacts to the receiving stream.

Cause of the non-compliance:

The NH₃-N violation was due to low dissolved oxygen levels in the oxidation ditches attributable to changing temperatures. The gates of the oxidation ditches were adjusted to increase DO levels, which lowered the effluent NH₃-N concentrations.

Anticipated time the condition of noncompliance is expected to continue or, if it has been corrected, the duration of the period of noncompliance:

At the present time, the plant is in compliance.

Steps taken to reduce or eliminate the noncomplying discharge:

PLWC WWTP operators log oxygen levels in the oxidation ditches twice per day, and have been taught to recognize the DO concentrations necessary for treatment of NH₃-N. In addition, the laboratory personnel have been instructed to notify the Manager if effluent NO₃-N results are below 5 ppm.

Steps taken to prevent recurrence of the condition of noncompliance:

Operators will closely oxygen levels in the oxidation ditches, and the laboratory personnel will monitor NO₃-N concentrations in the effluent. Significant changes will be reported to the Manager immediately.

9-14-2016

Date



Signature