

**SAMPLE NON-COMPLIANCE REPORT**

Permit Number: AR0034321

Facility Name: City of Harrison Wastewater Plant

Month/Year: August 2014

Authorized Signature/Date: 

Type of Violation (Avg/Max,, Bypass Overflow, Etc.)	Permit Limit	Date of Violation	Duration of Viol.	Cause of Violation	Corrective Action or Other Narrative
7-Day Average	4.6	8/8/14	*	Low DO in basin *	See note below <small>(Previously reported)</small>
Monthly Ave Lbs	39	August	*	Low DO in basin *	See note below *
Monthly Ave mg/L	1.8	August	*	Low DO in basin *	See note below *
<p>I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</p>					

\*The plant is installing new variable speed impellers on its aeration basins. We drained the south basin, removed the old broken impeller, installed the new impeller with variable speed drive, and began refilling the tank. During the process the dissolved oxygen level in the basin decreased, which effects the nitrification process. Ammonia for the sample collected on 8/8/14 was 5.38mg/L. Water has been transferred back into the basin, the new impeller is in operation, and the ammonia on the sample collected 8/12/14 was 4.365 mg/L. Monthly Average Mass loading and Monthly Average Concentration violations are a direct result of the high ammonia on 8/8/14