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Subject: AFIN #7200781, Permit #AR0020010, Noland WWTP Disinfection System Glitch
Date: Friday, May 17, 2013 1:34:19 PM

Michelle,

This email is a summary of the verbal report that Tim Luther, WWTP Operations Manager, made to you regarding a minor operational glitch with the Ultraviolet Disinfection (UV) system at the Noland Wastewater Treatment plant on May 15, 2013.

According to our log, the UV bank that was in service shut off intermittently 8 times for a total of 45 minutes during a two hours window, between 17:25 to 19:26. The flow for this period of time averaged about 6 MGD.

The Operator on-duty immediately diverted effluent discharge to the effluent storage pond at 19:31, as soon as he detected the anomaly during his routine SCADA check. At 20:04, staff put the back-up UV bank in service and resumed discharge at 20:45.

Typically, we have both UV banks on - one on lead and the other as a back-up. During this particular time, only one UV bank was in service and the other UV bank was being locked out due to routine maintenance. When a bank is powered down it generates a UV major alarm and will not generate any additional alarms; therefore, the UV bank that was experiencing the power glitches did not generate new alarms to alert the Operator.

For this 45 minutes of interrupted UV treatment, we do not believe that this incident caused any adverse risk to the environment. Please let me know if you have any questions or need additional information.

Regards,

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