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Subject: Treated Effluent Pump Leak Noland WWTP, AFIN #7200781 Permit #AR0020010
Date: Tuesday, February 02, 2016 11:22:16 AM

Mr. Pemberton,

We wish to inform you of a 200 gallon treated effluent leak at the Noland WWTP, AFIN #7200781 Permit #AR0020010. At 11:37 a.m. on Monday, February 1, 2016, the Noland WWTP on-duty operator discovered an effluent pump mechanical seal leak that is located at the on-site Effluent Pump Station. The leak was due to a mechanical failure on the sealing face of the mechanical seal. Maintenance personnel immediately repaired the unit and stopped the leak. Additionally, the fasteners on the unit had lock tight applied to them and the fasteners tightened further. The other functioning pump was inspected and found to be in proper working order. Lock tight was applied to the fasteners of the remaining pumps as well. The pump was isolated and the spill stopped at 12:00 p.m. An estimated 200 gallons of treated W-3 water spilled on the ground, but was not contained. The estimated 200 gallons met all permit requirements for discharge. The W-3 is the plant effluent that is used in the plant for various plant processes. The Effluent Pump Station and its associated pumps are effectively functioning and no other adverse actions are anticipated. No environmental impact has been observed and none is expected.

Best Regards,

Tim Luther

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