

2020 Year End Report: Bala Clean Water Plant (CWP) **Addendum**



Environmental Compliance Approval: # 5049-B55KXT

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Added text April 2021:

Effluent Objective Analysis

All effluent objectives were met with the exception of the Monthly Average Concentration of 0.58mg/L in July for Total Ammonia Nitrogen. Contributing factors included extreme heat along with upgrades to the aeration system which required shutdowns to switch piping during which time the online basin continued to utilize coarse bubble aeration. This process required a mixing pump to pump back air and mixed liquor together to keep D.O. mixed in solution. This pump required back flushing to keep debris from clogging and the pump was pulled on sampling day (July 27,2020 – TAN 0.9mg/L) in order to relieve extreme clogging which caused improper mixing (lack) of dissolved oxygen over the weekend.