

**General Permit No. ARG550398**  
**Anthony Forest Products-Urbana Sawmill**  
**Outfall 001**  
**Non-Compliance Report**  
**Reporting Year 2018**

The following parameters sampled at Outfall 001 for our biannual sampling events for the ARG550000 General Permit were outside permit limitations for both monitoring periods:

Parameter	Monitoring Period	Sample Result	Monthly Average Permit Limit	Daily Maximum Permit Limit
Dissolved Oxygen (DO)	1 <sup>st</sup>	2.02 mg/L	6.0 mg/L (Inst. Minimum)	
5-Day Biological Oxygen Demand (BOD5)	1 <sup>st</sup>	140 mg/L	10.0 mg/L	15.0 mg/L
	2 <sup>nd</sup>	67 mg/L	10.0 mg/L	15.0 mg/L
Total Suspended Solids (TSS)	1 <sup>st</sup>	120 mg/L	15.0 mg/L	22.5 mg/L
	2 <sup>nd</sup>	110 mg/L	15.0 mg/L	22.5 mg/L
Fecal Coliform	1 <sup>st</sup>	>2400 / 100mL	200 / 100mL	400 / 100mL
	2 <sup>nd</sup>	>2400 / 100mL	200 / 100mL	400 / 100mL

The elevated BOD5 and TSS (during both monitoring periods) and lower DO levels (during the 1<sup>st</sup> monitoring period) could be attributable to a system upset caused by a clogged filter (inappropriate materials being flushed) and/or the aerator not operating correctly. These inappropriate materials are getting caught in the filter system and causing extra solids to be deposited in the system's treatment chambers. The elevated fecal coliform level during both monitoring period is likely due to the improper use of chlorine tablets within the treatment system. The treatment system is inspected and maintenance is performed on a monthly basis and chlorine tablets are added as needed.

In 2018, a new company was hired to perform the monthly maintenance on the treatment system. Improvements were noted from the first half of the year to the second half of the year. All parties met in December 2018 to look over the treatment system and maintenance of the treatment system, several items were identified to be modified or serviced during 2019. In addition, increasing the frequency of the package plant maintenance was discussed.