

General Permit No. ARG550540
Anthony Forest Products-Urbana Sawmill
Outfall 002
Non-Compliance Report
Reporting Year 2017

All parameters sampled at Outfall 002 for our biannual sampling events for the ARG550000 General Permit were within permit limitations for both monitoring periods with the exception of the following:

Monitoring Period	Parameter	Permit Limit	Sample Result
1st	Dissolved Oxygen (DO) monthly average minimum	6.0 mg/L	4.75 mg/L
1st	Total Suspended Solids (TSS) monthly average limit	15.0 mg/L	69 mg/L
1st	Total Suspended Solids (TSS) daily maximum limit	22.5 mg/L	69 mg/L
2nd	Dissolved Oxygen (DO) monthly average minimum	6.0 mg/L	2.27 mg/L
2nd	5-Day Biological Oxygen Demand (BOD) monthly average limit	10.0 mg/L	110 mg/L
2nd	5-Day Biological Oxygen Demand (BOD) daily maximum limit	15.0 mg/L	110 mg/L
2nd	Total Suspended Solids (TSS) monthly average limit	15.0 mg/L	16 mg/L
2nd	Fecal Coliform 30 Day Geometric Mean	200 / 100mL	1000 / 100mL
2nd	Fecal Coliform 7 Day Geometric Mean	400 / 100mL	1000 / 100mL

The treatment system was installed in May 2017. Thus, this was the first sampling year. The actual cause for the above permit exceedances is unknown. The low levels of DO during both monitoring periods could be due to the lack of use of the system. Because discharge from the system is very infrequent, water in the holding tank may become stagnant between discharges. The elevated levels of BOD and TSS could be due a clogged filter in the system. The elevated fecal coliform level during the second monitoring period is likely due a lack of chlorine tablets.

The treatment system is inspected monthly and maintenance is performed as needed. The treatment systems filter, aeration and chlorine chamber will be examined in depth during the next inspection to ensure proper operation. The current system maintenance schedule will also be reviewed and changed, if necessary, in order to maintain proper operation.