# General Permit No. ARG550398
# Anthony Forest Products-Urbana Sawmill
# Outfall 001
# Non-Compliance Report
# Reporting Year 2017

All parameters sampled at Outfall 001 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 | 2.59 mg/L |
| 1st | 5-Day Biological Oxygen Demand (BOD) monthly average limit | 10.0 mg/L | 110 mg/L |
| 1st | 5-Day Biological Oxygen Demand (BOD) daily maximum limit | 15.0 mg/L | 110 mg/L |
| 1st | Total Suspended Solids (TSS) monthly average limit | 15.0 mg/L | 90 mg/L |
| 1st | Total Suspended Solids (TSS) daily maximum limit | 22.5 mg/L | 90 mg/L |
| 1st | Fecal Coliform 30 Day Geometric Mean | 200 / 100mL | >3000 / 100mL |
| 1st | Fecal Coliform 7 Day Geometric Mean | 400 / 100mL | >3000 / 100mL |
| 2nd | Dissolved Oxygen (DO) monthly average minimum | 6.0 mg/L | 1.0 mg/L |
| 2nd | 5-Day Biological Oxygen Demand (BOD) monthly average limit | 10.0 mg/L | 81 mg/L |
| 2nd | 5-Day Biological Oxygen Demand (BOD) daily maximum limit | 15.0 mg/L | 81 mg/L |
| 2nd | Total Suspended Solids (TSS) monthly average limit | 15.0 mg/L | 68 mg/L |
| 2nd | Total Suspended Solids (TSS) daily maximum limit | 22.5 mg/L | 68 mg/L |

The elevated BOD5 and TSS levels and lower DO levels during both monitoring periods could be attributable to a system upset caused by inappropriate materials being flushed down the system. These materials would block the pipes and filter system, as well as depositing extra solids in the system treatment chambers leading to the system to not function as designed. The elevated fecal coliform level during the first monitoring period is likely due a lack of chlorine tablets. The treatment system is inspected monthly and chlorine tablets are added 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.