McKinley Paper – Wisconsin, Combined Locks Mill
WPDES – WI-0000990
3/23/2023 ~11am
Rinse water (treated river water with minimal fiber/chemicals) reached storm sewers
Estimate of 500 gallons of water and 0.1 lb fiber discharged to Fox River via storm water outfall
Water chlorination is expected to be consumed/off gassed, but possibly up to 0.008 lb sodium hypochlorite (2ppm at 500 gallons)
3/24/2023 3:45pm DNR spill hotline called
3/24/2023 shortly afterwards talked to Cody Heinz to say that no assistance was needed and clean up already complete

3/23/2023 – PM7 overflowed sewers and flooded truck dock while cleaning up from brown run. Water to storm drains.

Wednesday 3/22 PM7 went down in the morning. Chests were drained, opened up, hosed, closed up, and filled with flush water. Most of the stock was removed from chests as that was the reason for careful wash up, insignificant amounts could have been left in chest. Some fiber could have been picked up from the u-drain and minor amounts of particulate could have been picked up from floors. Some residual chlorine could have been present from water treatment, most likely consumed/off-gassed while the water sat in chest for extended period of time. We don't see a chlorine residual in our water after sterilization and chlorine in water only has about a 4 hour life.

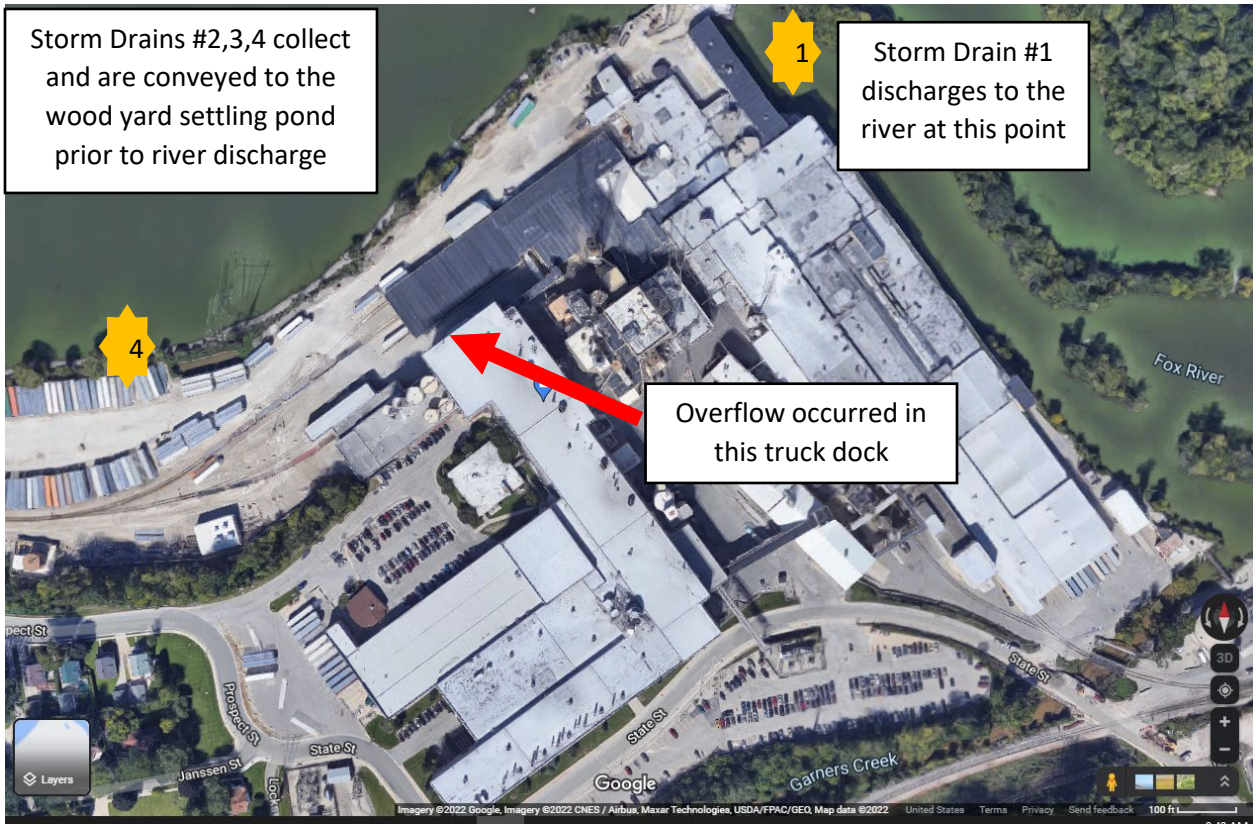
Thursday 3/23/23 – manual valve opened too aggressively to drain whitewater tower #1 sometime before 11am. U-drain flooded and cascaded into truck bay 4C. The entire truck bay filled to approximately 1 foot. A truck was unloading a piece of equipment into the truck bay. The valve was closed immediately when it started getting wet on the floor. The truck bay took about 20 minutes to drain completely and was kept isolated until the water receded back more than six feet from the overhead doors.

Pictures attached were captured by shift supervisor. Water seeped under truck bay doors and man doors on the east and west ends of dock 4C. Most of the water did not go down the storm drain. Water had minimal amount of fiber and additives. Water evaporated from concrete surface. Ponding was not seen at the storm drain locations as there was not enough water volume present.

Conservatively estimating quantities, up to 500 gallons is expected to have made it to the sewer at 0.0025% fiber and 2 ppm hypochlorite. Resulting in a maximum of 0.1 lb fiber and 0.008 lb sodium hypochlorite to sewer. Hypochlorite is expected to have been completely consumed/off gassed prior to release.

Follow up plans are being developed and can be shared upon request.

Site Map – McKinley Paper – Wisconsin, Combined Locks



Water did not reach Storm Drain #1 per the supervisor on duty, water ran out under the door but there wasn't enough volume to get to the drain. Water entered Drain #2 and a lot flowed past it. Some water entered Storm Drain #3, but much less than Drain #2. Water did not reach Storm Drain #4. No evidence of fiber was seen in the detention pond.

North East Door of Dock 4c a few minutes after the event. Water barely reached Storm Drain #1 in the corner by the OCC dock.

This is just outside the West dock door. The manhole cover on the right is not a storm drain, just an access point for clean out.

This is a picture of Drain #2 and Drain #3 is just past it. Barely any water reached Drain #3 (red circle). Both Drain #2 and #3 go to the retention pond just past Drain #4 on the map. No fiber or other evidence of discharge was present in the detention pond.