

# Saw Mill River and Hudson River Stakeholder Report

AN UNDERSTANDING OF THE NATURAL WORLD IS A SOURCE OF NOT ONLY GREAT CURIOSITY, BUT GREAT FULFILMENT.

- DAVID ATTENBOROUGH

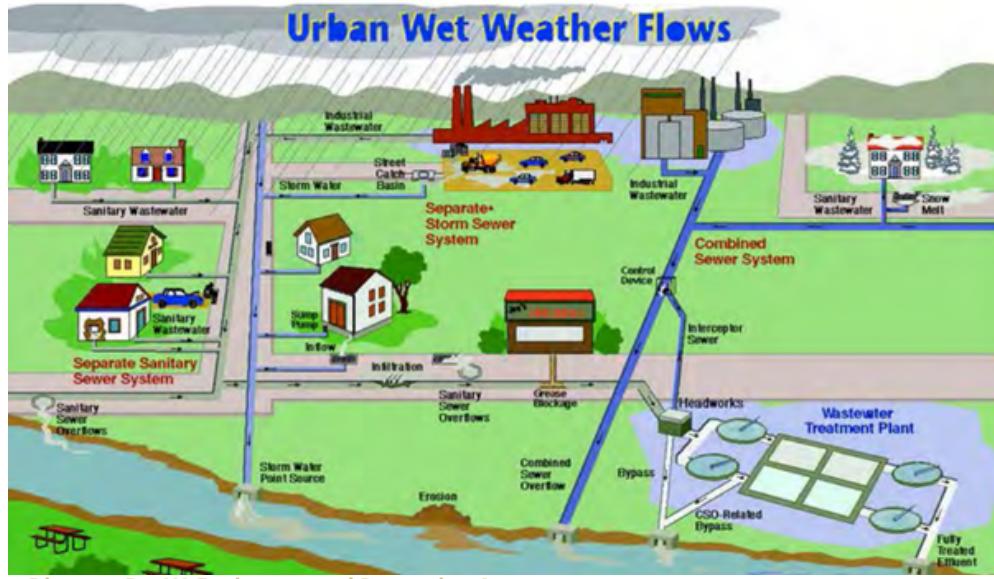
Photo Credit: S. County Trail - Steve Pucillo



## WET WEATHER VS. MILDLY WET WEATHER

Samples from the first collection date of June 9 trailed a morning with a measurement high of 3.1 inches of rain. Data results indicated that this rainfall attributed large amounts of the fecal indicator bacteria that exceeded the maximum capacity of our testing process throughout the Saw Mill River watershed. This river, unlike the Hudson River, is not connected to Combined Sewer Overflow (CSO) based sewage treatment plants. CSO based sewage treatment plants mitigate maximum capacity by overflowing a mixture of stormwater and sewage into larger waterbodies - such as the plant in Yonkers connected to Hudson River. The Saw Mill River is part of a Municipal Separate Storm Sewer System (MS4); this system hosts sewage and storm water in separate pipes and does not have a maximum capacity overflow.

Samples from yesterdays collection date of June 23 trailed a morning with a measurement high of 0.5 inches of rain. And although this amount of rainfall seems like a small measurement, there is still some impacts of this on the results of a single event sample of fecal indicator bacteria testing.



Yesterdays rain event did not reach the total testing maximum as did the last sampling event; however, even a half of an inch of rain has clear impacts on water quality and health of the river exceeding policy safety thresholds throughout the entire mainstem Saw Mill River and its tributaries. These bacteria also have impacts on other important attributes of water such as its dissolved oxygen content.

# (DATA):

Most Probable Number (MPN) of Colony Forming Enterococcus Bacteria per 100ml sample. EPA recommends public notification and possible temporary beach closure for single Enterococcus samples above 60 cells/100ml. Samples testing above this threshold appear in **red** on the Riverkeeper website, while those below it appear in **green**. To avoid exposure to chronic contamination, the geometric mean, a weighted 30-day average, should not exceed 30 cells/100ml. To avoid exposure to occasional high levels of contamination, no more than 10% of samples should exceed 110 cells/100ml.

Watershed	River Mile	Site ID	Site Name	Sample Date	Sampling Time	MPN*
Hudson	-	SMR-HR-20	(YONKERS) JFK Marina Boat Launch	6/23/22	11:16 A	<b>41</b>
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	6/23/22	11:00 A	<b>20</b>
Saw Mill	0.19	SMR-0.19	(Yonkers) SRM, Daylighted Section	6/23/22	11:25 A	<b>223</b>
Saw Mill	1.11	SMR-1.11	(YONKERS) Walsh Road	6/23/22	9:56 A	<b>546</b>
Saw Mill	2.44	SMR-2.44	(YONKERS) Torre Place	6/23/22	9:42 A	<b>1376</b>
Saw Mill	4.22	SMR-4.22	(YONKERS) Hearst Street	6/23/22	10:35 A	<b>256</b>
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	6/23/22	10:28 A	<b>145</b>
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	6/23/22	9:54 A	<b>238</b>
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary	6/23/22	9:26 A	<b>332</b>
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields	6/23/22	9:21 A	<b>203</b>
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	6/23/22	9:00 A	<b>201</b>
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	6/23/22	9:10 A	<b>557</b>
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	6/23/22	NA	<b>NA</b>
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	6/23/22	9:15 A	<b>673</b>
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	6/23/22	8:37 A	<b>563</b>
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	6/23/22	8:59 A	<b>110</b>
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	6/23/22	8:51 A	<b>127</b>



## SPECIAL ACKNOWLEDGMENTS

The program is funded in part by ConEdison and is part of the Lower Hudson Urban Waters Collaborative which includes CURB, Riverkeeper, and Bronx River Alliance.

We also take a moment to thank Atomize and YOU!



WE ACKNOWLEDGE YOUR SUPPORT IN HELPING US CREATE A UNIFIED VOICE SURROUNDING OUR LOCAL WATERWAYS THROUGH VOLUNTEERING, RESEARCH, EDUCATION, AND OUTREACH. IF YOU WISH TO BECOME MORE INVOLVED AND LEARN HOW YOU CAN SUPPORT US, VISIT OUR WEBSITE AT

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