

Saw Mill River and Hudson River Stakeholder Report

A RIVER DOESN'T JUST CARRY WATER, IT CARRIES LIFE - AMIT KALANTRI



THE IMPACT OF LEARNING

Research lab assistant, Gunn, has been involved in SLC CURB long term education programs since 2021. Her experience in our annual ecology course encouraged her to continue learning about her local environment in Yonkers. We asked Gunn to share a little about her own experience and why she continues to learn about the environment.

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Three summers ago, I walked [into] curb to earn CTE hours for my high school requirement with the Hudson River Ecology Program. What I didn't anticipate was [learning about] the extensive [amount of] sewage dumped into the Hudson through CSOs. This discovery motivated me to join the Winter Water Academy and Blue Team. It's crucial for us to investigate why human gut bacteria, like Enterococcus, is present in the Saw Mill [River] despite the absence of CSOs there. Enterococcus pollutes the water and disrupts the river ecosystem. No one wants a river they walk by to be teeming with bacteria, and fish certainly don't thrive in polluted waters.

**SLC CURB BLUE TEAM PRESENTS:
WHIMSICAL WATER DAY**
Splash environmental injustices to the CURB!

**35 Alexander St.
12pm-3pm
Saturday, August 10th**

FREE event! FREE food and music! Learn about water quality in our community, go fishing with a seine net, play games, and win prizes!

RSVP HERE!

Join us

(The Distinguished River):
A section of our newsletter dedicated to the great ever changing rivers

SAVE THE DATE

On Saturday August 10, the 2024 cohort of the Blue Team will be hosting a community event: Whimsical Water Day.

This event will showcase their 6 weeks worth of research around fecal indicator bacteria on the Hudson River.

This event is completely student led and organized and we cannot wait to see all of their teamwork come together with this annual event!

(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	7/11/24	8:47 A	<10
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	7/11/24	9:49 A	10
Saw Mill	0.19	SMR-0.19	(Yonkers) SMR, Daylighted Section	7/11/24	11:47 A	337
Saw Mill	1.11	SMR-1.11	(YONKERS) Walsh Road	7/11/24	9:38 A	682
Saw Mill	2.44	SMR-2.44	(YONKERS) Torre Place	7/11/24	9:48 A	391
Saw Mill	4.22	SMR-4.22	(YONKERS) Hearst Street	7/11/24	9:50 A	158
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	7/11/24	9:30 A	169
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	7/11/24	10:04 A	241
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary	7/11/24	9:14 A	1616
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields	7/11/24	9:06 A	345
Saw Mill	11.19	SMR-11.19	(ELMSFORD) Cross Westchester Expressway	7/11/24	10:30 A	315
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	7/11/24	9:10 A	554
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	7/11/24	9:15 A	670
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	7/11/24	9:33 A	757
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	7/11/24	9:04 A	1063
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	7/11/24	8:33 A	1067
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	7/11/24	8:51 A	683
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	7/11/24	8:43 A	142



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 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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