

Saw Mill River and Hudson River Stakeholder Report

I LOVE LEARNING ABOUT THE LOCAL ENVIRONMENT AND HAVING MY EYES OPENED TO THINGS I'VE NEVER KNOWN BEFORE, SUCH AS THE SERIOUSNESS OF ENVIRONMENTAL JUSTICE ISSUES.- BLUE TEAM STUDENT



THE CURB BLUE TEAM

This week our Blue Team students celebrated the end of their internship by kayaking with YPRC, seining with our educators Jay and Christina, and making friendship bracelets at our beach. I always tell the students their first week with us that the time always goes so fast, so soak up every moment and opportunity they can while they're with us. Sure enough, the 6 weeks passed as a blur filled with bacterial sampling and processing, career exploration and development opportunities, scientific studies and experiments, party planning, and tons of team building games. Their participation in this program strengthens our historic dataset of bacterial counts on the Hudson River and builds an informed Yonkers community. We are also able to actively inform community members of the rivers condition via signage thanks to this data collection. We appreciate and commend the extraordinary dedication of our 2023 Blue Team interns, mentors, and leadership.



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

Students expressed and incorporated their own interests into some products that will allow CURB to continue sharing the Blue Team experience. Check out some of the amazing works created by our Blue Team interns and mentors:

Promotional Video: created by Brianna summarizing the internship experience

Scientific Poster: project led by Vivian analyzing the fecal indicator bacteria study

Outreach Pamphlet: project led by Maykaela learn how you can help the Hudson River

(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	8/10/23	10:40 A	10
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	8/10/23	9:15 A	41
Saw Mill	0.19	SMR-0.19	(Yonkers) SMR, Daylighted Section	8/10/23	9:07	209
Saw Mill	1.11	SMR-1.11	(YONKERS) Walsh Road			
Saw Mill	2.44	SMR-2.44	(YONKERS) Torre Place			
Saw Mill	4.22	SMR-4.22	(YONKERS) Hearst Street	8/10/23	9:20 A	97
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	8/10/23	9:13 A	341
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	8/10/23	9:42 A	241
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary	8/10/23	8:30 A	512
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields	8/10/23	8:40 A	134
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	8/10/23	8:50 A	168
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	8/10/23	8:55 A	132
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	8/10/23	10:05 A	411
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	8/10/23	11:11 A	520
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	8/10/23	11:01	393
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	8/10/23	10:47 A	836
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	8/10/23	10:37 A	223



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. Thank you Artie Carlucci for supporting our lab this week!



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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