

Saw Mill River and Hudson River Stakeholder Report

RAIN REMINDS ALL THINGS TO GROW - UNKNOWN



STEWARDSHIP ACROSS THE WATERSHED

Stewardship (n): the job of supervising or taking care of something

Last week, community scientists part of the fecal indicator bacteria study joined CURB staff at the Yonkers Joint Wastewater Treatment Plant ("the plant") for a guided walking tour. Up, down, and all around the group walked learning about what happens to the wastewater from the 22 municipalities in Westchester County once it reaches the plant for treatment in Yonkers. The community scientist asked questions pertaining to storm water drainage, where do solids get transported to, and ultimately - how these processes impact the waterways they steward.

There is no one way to be an environmental steward. Education is just one of the ways we hope to create informed stewards throughout our watershed. We hope this trip was able to spark peoples inquiry and obtain another lens layer of watershed and sewer shed understanding. And although the smell still lingers in our noses, we all left with tools to become better stewards for our environment.



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

Our fecal indicator study may be finished for the season; but, other research at the center is going strong! Our EELS students have begun the initial data collection phase of their year long internship with us. This Autumn, students will be seining and collecting fish population counts every week. In the late Winter, the interns will switch their focus to migrating American Eel population counts!

[Check out this video](#) of our intern transferring the fish back to the river. Can you tell what fish it is?

(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	10/19/23	11:19 A	<10
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	10/19/23	10:13 A	75
Saw Mill	0.19	SMR-0.19	(Yonkers) SMR, Daylighted Section	10/19/23	12:10 P	428
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	10/19/23	11:05 A	*
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	10/19/23	10:45 A	146
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	10/19/23	9:43 A	231
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary	10/19/23	9:00 A	331
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields	10/19/23	9:12 A	85
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	10/19/23	9:00 A	74
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	10/19/23	9:10 A	211
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	10/19/23	9:58 A	63
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	10/19/23	9:17 A	121
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	10/19/23	8:42 A	120
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	10/19/23	9:03 A	211
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	10/19/23	8:55 A	75

Sample unable to be processed due to QAQC protocol

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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