

Saw Mill River and Hudson River Stakeholder Report

WATER IS THE MIRROR OF NATURE. - FRANCIS OF ASSISI



Photo Credit: Richie Novak (Walsh Rd.)

THE HAPPENINGS OF SUMMER

We welcome another season and week of sampling on the Saw Mill and Hudson Rivers. The day is met with beautiful sunny weather and samplers are arriving to the center eager to learn more about the additional sampling they will participate in during the next sampling event. We will continue to build upon our inquiry of the river and will include some aspects of bacterial source tracking. As mentioned in other editions of this report, understanding different aspects of the river help fill in the picture of the rivers overall health.



Photo Credit: Diane McKay (JFK Marina)

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

Almost yearly, an interesting phenomena occurs in brackish waters all along the tri-state area. Bunker (formally, Atlantic Menhadan) turn up along many shores floating dead - leaving behind awful environmental conditions. It was unclear as to why this was happening. Recently, an article shared by our own Education Director, Eli Caref, detailed an extensive study indicating a bacteria called **Vibrio** as the culprit behind the mass die offs.

[Learn more about the study here.](#)

DATA

*Most Probable Number of Colony Forming Enterobacteria per 100ml sample. EPA recommends public notification and possible temporary beach closure for single Enterobacteria 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	MPN*
Hudson		SMR-HR-20	Yonkers - JFK Marina boat launch	6/24/2021 10:55 AM	52
Hudson		SMR-HR-18.5	Yonkers Paddling and Rowing Club	6/24/2021 10:56 AM	52
Saw Mill	0.19	SMR-0.19	Yonkers - Saw Mill River, daylighted section	6/24/2021 10:45 AM	31
Saw Mill	1.11	SMR-1.11	Yonkers - Walsh Road	6/24/2021 10:06 AM	3448
Saw Mill	2.44	SMR-2.44	Yonkers - Torre Place	6/24/2021 9:48 AM	364
Saw Mill	4.22	SMR-4.22	Yonkers - Hearst Street	6/24/2021 10:45 AM	228
Saw Mill	4.87	SMR-4.87	Hastings - South County Trail boat access at Farragut Avenue	6/24/2021 10:30 AM	241
Saw Mill	7.9	SMR-7.90	Ardsley- V. E. Macy Park ballfields	6/24/2021 9:44 AM	121
Saw Mill	10.31	SMR-RB-0.13	Greenburgh - Rum Brook tributary	6/24/2021 9:06 AM	455
Saw Mill	10.41	SMR-10.41	Greenburgh - Rum Brook Park ballfields	6/24/2021 9:13 AM	262
Saw Mill	11.72	SMR-MB-0.15	Elmsford- Mine Brook tributary	6/24/2021 9:05 AM	189
Saw Mill	11.82	SMR-11.82	Elmsford- Above Mine Brook	6/24/2021 9:10 AM	538
Saw Mill	14.88	SMR-14.88	Mount Pleasant - Saw Mill River Road	6/24/2021 9:21 AM	464
Saw Mill	17.57	SMR-NB-0.07	Mount Pleasant - Nannyhagen Brook tributary	6/24/2021 9:10 AM	1067
Saw Mill	18.84	SMR-18.84	Pleasantville - Pleasant Ave	6/24/2021 8:36 AM	706
Saw Mill	20.66	SMR-TB-0.34	New Castle - Tertia Brook tributary	6/24/2021 8:57 AM	171
Saw Mill	21.18	SMR-21.18	New Castle - Duck Pond spillway	6/24/2021 8:49 AM	107

SPECIAL ACKNOWLEDGMENTS

The program is funded in part by Westchester Community Foundation 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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