

Saw Mill River and Hudson River Stakeholder Report

THIS CURIOUS WORLD WE INHABIT IS MORE WONDERFUL THAN CONVINIENT.
HENRY DAVID THOREAU



2022 VS 2023

Each sampling season has some characteristics that define it. In the 2022 sampling season, volunteer samplers all reported record low volumes of water in the Saw Mill river and its tributaries. For many weeks, I documented these findings in these emailed reports and noted that many sampling locations reflected low fecal indicator bacteria in correlation with the low rain counts. Only 2 of the sampling dates within the time range of May-(end of) August in 2022 were associated with rain events in 2022 compared to 6 rain events so far in 2023. The consistent rainfall this season has had a dramatic effect on sites that were generally showing signs of improvement just a year ago. Noticeably, the Hawthorne - Saw Mill River Road site (whos geometric mean was 369.5 MPN in 2022) has had some of the worst fecal indicator bacterial counts in 2023 with a geometric mean of 849.8 MPN so far, more than double from last year.

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

ONE DAM AT A TIME

Join our partners, Riverkeeper, at the premiere virtual screening of Jon Bowermaster's short film "One Dam at a Time," a new documentary about Riverkeeper's efforts to restore free-flowing creeks in the Hudson Valley.

September 26, 2023
6:00 pm-7:00 pm
Online via Zoom

Register for this FREE virtual 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	9/7/23	9:06 A	10
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	9/7/23	10:23 A	<10
Saw Mill	0.19	SMR-0.19	(Yonkers) SMR, Daylighted Section	9/7/23	11:38 A	295
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	9/7/23	12:15 P	52
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	9/7/23	11:45 A	121
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	9/7/23	10:35 A	108
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary			
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields			
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	9/7/23	9:00 A	156
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	9/7/23	9:10 A	148
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	9/7/23	10:35 A	183
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	9/7/23	9:04 A	199
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	9/7/23	8:35 A	231
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	9/7/23	8:54 A	393
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	9/7/23	8:44 A	146



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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