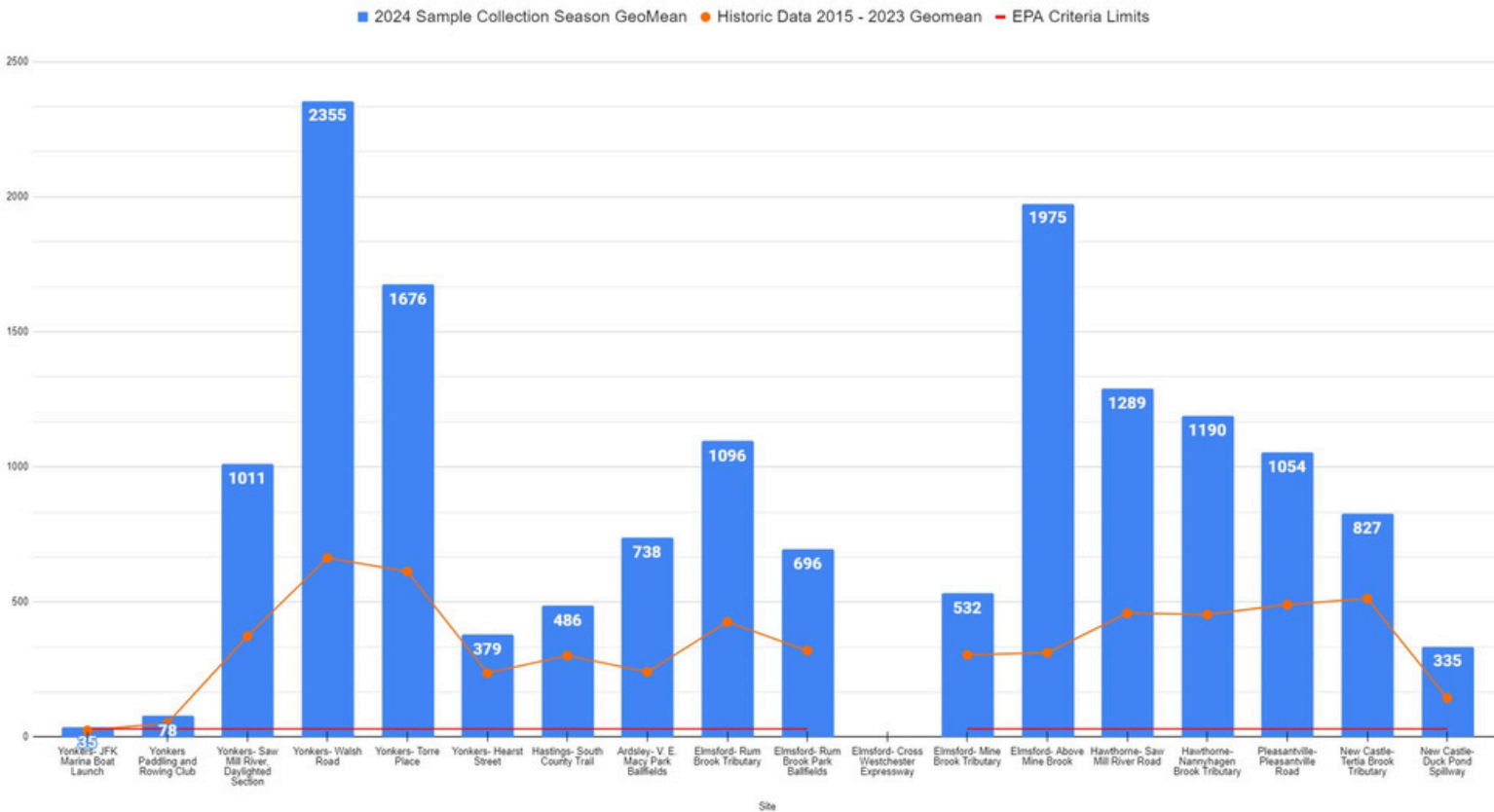


Saw Mill River and Hudson River Stakeholder Report

TO HAVE RISKED SO MUCH IN OUR EFFORTS TO MOLD NATURE TO OUR SATISFACTION AND YET TO HAVE FAILED IN ACHIEVING OUR GOAL WOULD INDEED BE THE FINAL IRONY. - RACHEL CARLSON

Fecal Indicator Bacteria (FIB) GeoMean 2024 and Historic Data Collection against EPA Criteria Limits (30 MPN/100 mL)



THE SEASON SO FAR...

I usually wait until the end of the sampling season before inputting the annual data from the Saw Mill and Hudson River fecal indicator bacteria (f.i.b.) study into a visual format; but, I became curious after someone inquired about some of the historic data in relation to Yonkers data comparatively over the years. I wouldn't consider this to be an incredibly wet season, which (usually) would result in high f.i.b. across the watershed. Yet, our geometric mean for the 2024 season is exceptionally elevated against the historic geometric mean spanning the past 8 years of historic data (there was no sampling in 2020). It is quite clear looking at the visual representation of the data above that Yonkers at Walsh Road and Elmsford above Mine Brook are both locations on the river seeing some of the highest levels of the f.i.b. this sampling season. I acknowledge that this average may change after the last 5 samplings dates for the year are input to the dataset; but, this is quite telling of how the water quality is doing this year up to this point.

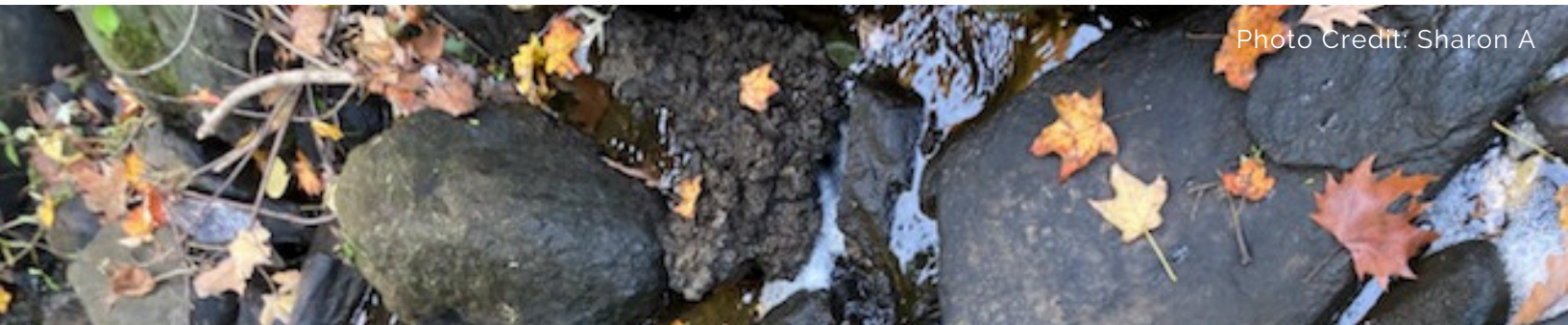


Photo Credit: Sharon A

(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	9/5/24	9:55 A	10
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	9/5/24	10:19 A	10
Saw Mill	0.19	SMR-0.19	(Yonkers) SMR, Daylighted Section	9/5/24	11:53 A	148
Saw Mill	1.11	SMR-1.11	(YONKERS) Walsh Road			NS
Saw Mill	2.44	SMR-2.44	(YONKERS) Torre Place			NS
Saw Mill	4.22	SMR-4.22	(YONKERS) Hearst Street	9/5/24	10:25 A	85
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	9/5/24	10:15 A	75
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	9/5/24	9:36 A	96
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary	9/5/24	9:13 A	183
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields	9/5/24	9:25 A	158
Saw Mill	11.19	SMR-11.19	(ELMSFORD) Cross Westchester Expressway	9/5/24	10:15 A	279
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	9/5/24	8:45 A	98
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	9/5/24	8:55 A	408
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	9/5/24	9:58 A	216
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	9/5/24	9:01 A	408
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	9/5/24	8:54 A	134
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	9/5/24	8:35 A	428
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	9/5/24	8:40 A	20



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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