

Saw Mill River and Hudson River Stakeholder Report

THE ONLY WAY FORWARD, IF WE ARE GOING TO IMPROVE THE QUALITY OF THE ENVIRONMENT, IS TO GET EVERYBODY INVOLVED -
RICHARD ROGERS

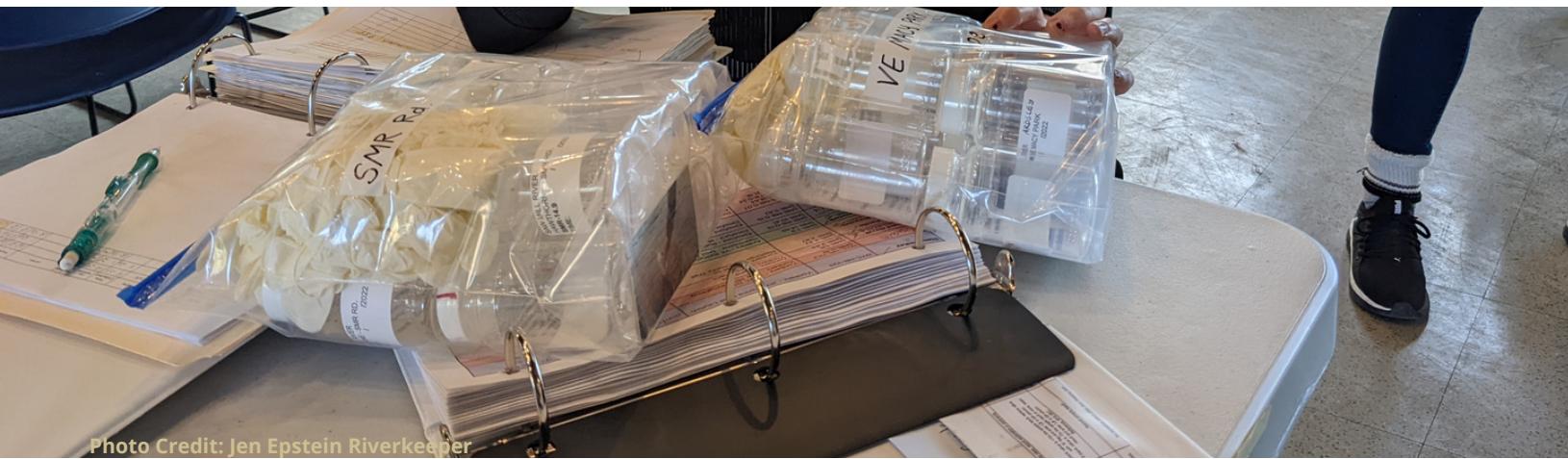


Photo Credit: Jen Epstein Riverkeeper

YEAR 7 SAMPLING ON OUR RIVERS

Although the weather did not seem to indicate any signs of a warm spring, 13 interested and dedicated volunteer samplers braved the wind speeds to spend a Thursday morning with the LHP (Lower Hudson Partnership: CURB, Riverkeeper and Bronx River Alliance). Samplers did not only collect their materials needed for this years sampling season, they also received a short training refresher engaged by Jen Epstein, lead scientist for Riverkeeper. This meeting, although annual, felt full of the anticipation of what is to come in the form of data for this year. Another snapshot for the album that is the Saw Mill story.

We welcome new and committed stakeholders alike to our 7th year of sampling the Saw Mill and Hudson Rivers.



SAW MILL RIVER Water Quality Summary Report

2020/2021

Data provided in this report has been collected as part of the NYS DEC PEERS (Professional External Evaluation of Rivers and Streams) program and reviewed by the Sarah Lawrence College Center for the Urban River at Beczak.

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

In 2020 and 2021, CURB staff sampled the Saw Mill River as part of the DEC PEERS program. This study allowed us to take a deeper look at parameters that are not collected within the regular sampling of the fecal indicator bacteria study. After 2 years of data collection, staff were able to compile this data in a summary report with additional research contributions made by Groundwork Hudson Valley and Sarah Lawrence College.

Our summary report, completed with the help of partners Riverkeeper, can be viewed by everyone by visiting [this link](#).

(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 | 5/12/22 | 11:51 A | 10 |
| Hudson | - | SMR-HR-18.5 | (YONKERS) Yonkers Paddling and Rowing Club | 5/12/22 | 11:51 A | 20 |
| Saw Mill | 0.19 | SMR-0.19 | (Yonkers) SRM, Daylighted Section | 5/12/22 | 12:04 P | 41 |
| Saw Mill | 1.11 | SMR-1.11 | (YONKERS) Walsh Road | 5/12/22 | 9:40 A | 135 |
| Saw Mill | 2.44 | SMR-2.44 | (YONKERS) Torre Place | 5/12/22 | 9:50 A | 97 |
| Saw Mill | 4.22 | SMR-4.22 | (YONKERS) Hearst Street | 5/12/22 | 9:36 A | 31 |
| Saw Mill | 4.87 | SMR-4.87 | (HASTINGS) S. County Trail Boat Access at Farragut Avenue | 5/12/22 | 9:28 A | 63 |
| Saw Mill | 7.9 | SMR-7.9 | (ARDSLEY) V.E. Macy Park Ballfields | 5/12/22 | 10:02 A | 31 |
| Saw Mill | 10.31 | SMR-RB-0.13 | (GREENBURG) Rum Brook Tributary | 5/12/22 | 9:30 A | 75 |
| Saw Mill | 10.41 | SMR-10.41 | (GREENBURG) Rum Brook Park Ballfields | 5/12/22 | 9:45 A | 30 |
| Saw Mill | 11.72 | SMR-MB-0.15 | (ELMSFORD) Mine Brook Tributary | 5/12/22 | 9:00 A | 10 |
| Saw Mill | 11.82 | SMR-11.82 | (ELMSFORD) Above Mine Brook | 5/12/22 | 9:10 A | 52 |
| Saw Mill | 14.88 | SMR-14.88 | (MOUNT PLEASANT) Saw Mill River Road | 5/12/22 | 9:24 A | 171 |
| Saw Mill | 17.57 | SMR-NB-0.07 | (MOUNT PLEASANT) Nannyhagen Brook Tributary | 5/12/22 | 9:17 A | 10 |
| Saw Mill | 18.84 | SMR-18.84 | (PLEASANTVILLE) Pleasant Avenue | 5/12/22 | 9:07 A | 86 |
| Saw Mill | 20.66 | SMR-TB-0.34 | (NEW CASTLE) Tertia Brook Tributary | 5/12/22 | 8:45 A | 75 |
| Saw Mill | 21.18 | SMR-21.18 | (NEW CASTLE) Duck Pond Spillway | 5/12/22 | 8:55 A | <10 |

SPECIAL ACKNOWLEDGMENTS

The program 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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