

Saw Mill River and Hudson River Stakeholder Report

AND ALL THE LIVES WE EVER LIVED AND ALL THE LIVES TO BE ARE FULL OF TREES AND CHANGING LEAVES - VIRGINIA WOOLF



AUTUMNAL EXPECTATIONS

We are just one day until the changing of seasons from Summer to Autumn. There are many things that are associated with this time of year and season - back to school, changes in our environment and weather, the upcoming holidays. For us here at CURB and our research projects, especially for our fecal indicator study, this is a time for reflection. Thinking forward and planning for the last 2 sampling dates in October and the future of this research. Reflection is an important part of project and the understanding of the changes within the Saw Mill River from Spring to Summer and again from Summer to Fall. These documented changes (seen physically by our samplers or bacterial in our testing) help us learn more about the resilience of the Saw Mill and Hudson Rivers.



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

Today, SLC CURB staff caught 2 Lyre Goby species with a hand net from shallow pools in the marsh area of Harbshaw Park.

This species was first seen on the river for the first time ever in 2021 by SLC CURB staff. This species, once never seen north of the Chesapeake Bay, is a fascinating species and we welcome you to learn more about them! **[Check out this link](#)** to read more about the mysterious Lyre Goby and their arrival to the Hudson River.

(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	9/21/23	9:06 A	10
Hudson	-	SMR-HR-18.5	(YONKERS) Yonkers Paddling and Rowing Club	9/21/23	9:20 A	20
Saw Mill	0.19	SMR-0.19	(Yonkers) SMR, Daylighted Section	9/21/23	11:50 A	465
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	9/21/23	11:00 A	183
Saw Mill	4.87	SMR-4.87	(HASTINGS) S. County Trail Boat Access at Farragut Avenue	9/21/23	10:45 A	373
Saw Mill	7.9	SMR-7.9	(ARDSLEY) V.E. Macy Park Ballfields	9/21/23	9:48 A	291
Saw Mill	10.31	SMR-RB-0.13	(GREENBURG) Rum Brook Tributary	9/21/23	9:53 A	231
Saw Mill	10.41	SMR-10.41	(GREENBURG) Rum Brook Park Ballfields	9/21/23	10:03 A	231
Saw Mill	11.72	SMR-MB-0.15	(ELMSFORD) Mine Brook Tributary	9/21/23	9:10 A	193
Saw Mill	11.82	SMR-11.82	(ELMSFORD) Above Mine Brook	9/21/23	9:15 A	368
Saw Mill	14.88	SMR-14.88	(MOUNT PLEASANT) Saw Mill River Road	9/21/23	10:14 A	388
Saw Mill	17.57	SMR-NB-0.07	(MOUNT PLEASANT) Nannyhagen Brook Tributary	9/21/23	9:16 A	336
Saw Mill	18.84	SMR-18.84	(PLEASANTVILLE) Pleasant Avenue	9/21/23	9:07 A	402
Saw Mill	20.66	SMR-TB-0.34	(NEW CASTLE) Tertia Brook Tributary	9/21/23	8:50 A	480
Saw Mill	21.18	SMR-21.18	(NEW CASTLE) Duck Pond Spillway	9/21/23	8:57 A	256



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

WWW.CENTERFORTHEURBANRIVER.ORG

TO ACCESS PAST NEWSLETTERS, VISIT
WWW.CENTERFORTHEURBANRIVER.ORG/RESEARCH/WATER-QUALITY.HTML