

**SALEM SOUND COASTWATCH**

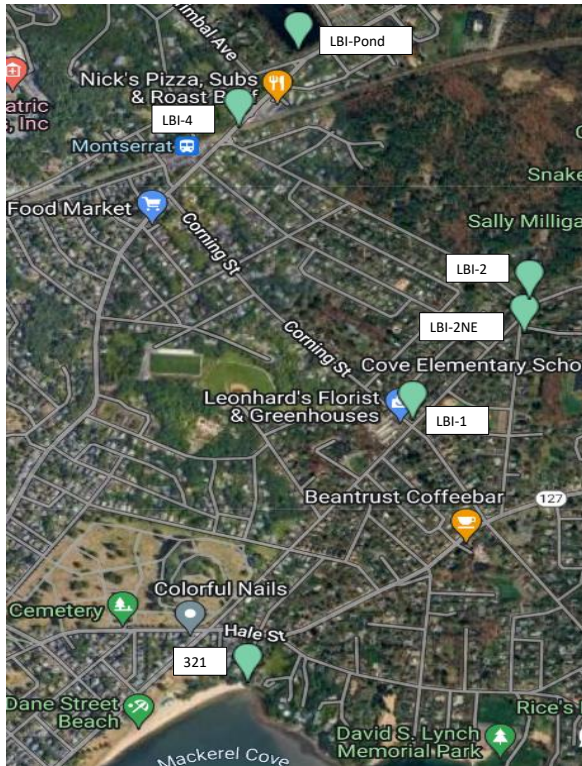
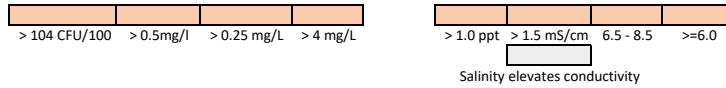
2024 Tributaries and Water Quality Monitoring

Location: Beverly, MA

Water Body: Lawrence Brook

Precipitation: 0.48 > 0.2 = WET

Date	Site ID	Time	48 hour rainfall in inches	Enteroc./100mL	Ammonia mg/L	Surfactants mg/L	Chlorine mg/L	Temperature °C	Salinity ppt	Conductivity mS/cm	pH	Dissolved Oxygen mg/L	Field Notes
9/27/2024	321	8:54	0.48	12997	0.15	0.25	0.31	18.7	0.2	0.3162	7.93	11	
9/27/2024	LBI-1	9:30	0.48	5794	0.3	0.25	0	18.4	0.1	0.2866	8.11	6	
9/27/2024	LBI-2	10:10	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO WATER
9/27/2024	LBI-2NE	10:15	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO WATER - National Grid digging up road in area betw LBI-2&2NE
9/27/2024	LBI-4	10:00	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	STAGNANT WATER PRESENT
9/27/2024	LBI-Pond	10:35	0.48	20	0.1	0.25	0.04	18.7	0.6	1.18	8.09	6	Gate to Lawrence Brook was closed. (Origin of Lawrence Brook)



**Summary of Findings**

The gate to the Lawrence Brook was closed at Kellehers Pond and no water flow was detected downstream at the railroad crossing on Essex Street (LBI-4) down to Lakeshore and Cross Lane (LBI-2NE and LBI-2). Because the water was flowing at Lothrop and Corning Streets (LBI-1) and Dane Street Beach (321) and Enterococci levels are high, sewer leaks into the brook are suspected. The City of Beverly is investigating.