

RESULTS OF FISH SURVEY

SUNDAY, SEPTEMBER 17, 2023

CONASKONK POINT

BOROUGH OF UNION BEACH, NJ

Time: 12:00PM - 1:00PM (approx)

Moon Stage: Waxing Crescent (3%)

Air Temperature = 74 degrees F

Water Temperature = 72.1 degrees F

Winds = Light from the South East 5-10 mph

Weather: Partly Sunny

Salinity = 20.7

Turbidity = Cloudy, at 3.7 feet.

Tidal Stage = Outgoing Tide. Next tidal Stage: Low Tide at 4:20pm

Seaweed = Evidence of Sea lettuce (*Ulva*) and wrack weed (*Fucus*) Scattered amounts of Rhodophyta gracilaria (red algae or red-branching filaments), Agardh's Red Weed (*Agardhiella* sp.) along the edge of the beach.

Interesting Sea life or items found on or near the beach:

- Many horseshoe crab molts scattered on the beach.
 - Numerous amounts of trash scattered along the edge of the beach.
 - Clusters of Sea Squirts (subphylum Urochordata, also called Tunicata)
- 1 Brown Pelican (*Pelecanus occidentalis*)

Life found in Seine Net

500+ Atlantic Silverside or spearing (*Menidia menidia*).

20+/- Bay Anchovies (*Anchoa mitchilli*)

20+/- Striped Killifish (*Fundulus majalis*)

10 hermit crabs (*Pagurus* spp.)

3 Snapper Bluefish (*Pomatomus saltatrix*)

2 Juvenile Blue-claw crabs (*Callinectes sapidus*)

2 juvenile Silver Perch (*Bairdiella chrysoura*)

1 juvenile Atlantic Rock Crab (*Cancer irroratus*)

1 Adult Common Grass Shrimp (*Palaemonetes pugio*)