**A Day in the Life of the Hudson River 10/20/16 data**

**(Salt Front ~ RM 83)**

**East River; Pier 16 South Street Seaport - AM group**

**Jocelyn Benford & the Blue School**

**Laura Norwitz, South Street Seaport Museum 17 – 2nd grade, 4 adults**

**Location:** South Street Seaport, Pier 16**Area:** East River; Pier 16**Surrounding Land Use:** Museum, Pier for boat access, Urban/residential and industrial/commercial

**Shoreline:** Pier, large docking with concrete and wood surface,

**Bottom:** Rocky shoreline

**Water:** Choppy

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| --- | --- | --- | --- |
| ITEM | TIME | Reading | Comments |
| ***Physical*** |  |  |  |
| Cloud Cover |  | Cloud cover |  |
| Weather Today |  | Cool in the AM |  |
| Weather Recently | Warm and dry |  |  |
| Water Surface | Choppy |  |  |
| Turbidity – long tube | 10:30 AM | 26 ppm  30 ppm  31 ppm |  |
| ***Chemical*** |  |  |  |
| Salinity - Plastic Hydrometer | 10:00 -10:20 AM | 22-26 pptsalinity | Avg 24 ppt |
| Dissolved Oxygen, Wards’ Kit | 10:30 AM | 6. 0 ppm |  |
| ***Current*** | NR |  |  |