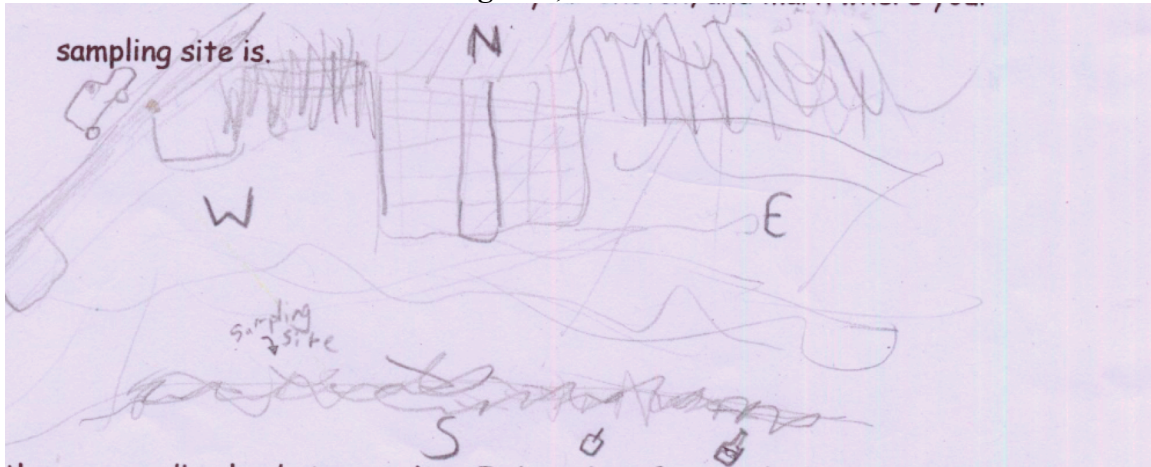
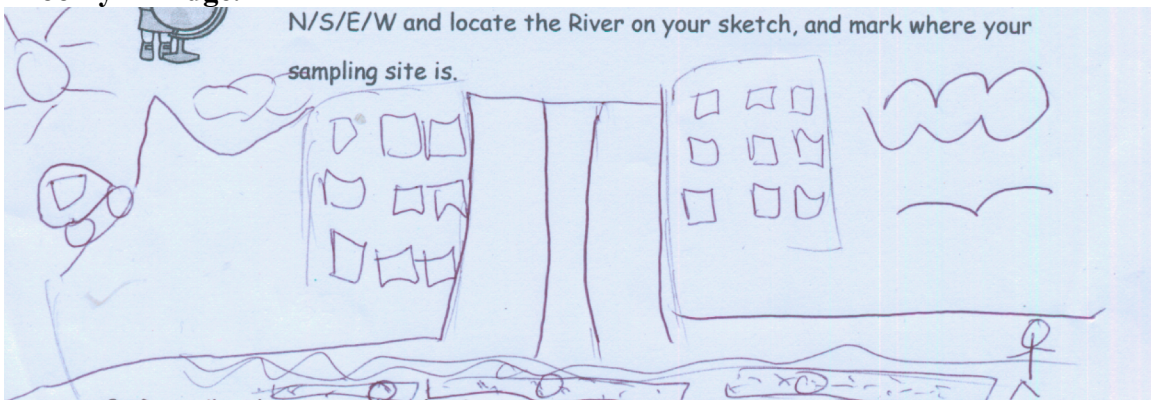


**Snapshot Day 10/7/08 Data**  
**(Salt Front RM 63.4)**  
**RIVER MILE East River 1 West**  
**Tara LaPorte, Lower East Side Ecology Center**  
**Bryce Cahn, PS MAT 126**  
**7<sup>th</sup> grade, 30 students**



**Drawing by Sterling, Carlton, Alec, Dishan. View is looking at the station of the Brooklyn Bridge.**



**Drawing by Gigi, Isa, Mikaila**

**Location:** Beach under the Brooklyn Bridge, 125 ft. North of Dover St., Manhattan side

**Area:** It used to be a pier, now it is a beach. The surrounding land is sandy with water. Water best used for fishing & boating. Lots of rocks and sand. Beach is opened to the public but no swimming. Lots of boats to the left of where I am sitting. Also near a parking lot.

**Surrounding Land Use:** Urban/residential 40%; Industrial/Commercial 20%; Beach 20%; Other 20%

**Sampling Site:** Beach, covered in vegetation, banks altered, bulkhead with timbers, RipRap. Piping entering river

**Plants in area:**

**Water depth:** 3.5 ft.

**River Bottom** –weedy

| <i>ITEM</i>  | <i>Time</i>   | <i>Reading 1</i>      | <i>Reading 2</i> | <i>Comments</i> |
|--|---|-----------------------|------------------|-----------------|
| <b><i>Physical</i></b>   |   |                       |                  |                 |
| Air Temperature  | 10:45 AM  | 70°F<br>20°C          |                  |                 |
| Wind Speed   | Beaufort #1   | 1-3 mph<br>(convert)  | 1-3 knots        | South           |
| Cloud Cover  | Clear skies   |                       |                  |                 |
| Weather last 3 days  | 10/6 little bit of rain; 10/5 sunny; 10/4 partly cloudy |                       |                  |                 |
| <b><i>Water calm</i></b>   | yes   |                       |                  |                 |
| <b><i>Water Temperature</i></b>  | 10:14 AM  | 55°F<br>15°C          |                  |                 |
|  | 10:27 AM  | 60°F<br>16°C          |                  |                 |
|  | 10:48 AM  | 70°F<br>21°C          |                  |                 |
| <b><i>Turbidity</i></b>  |   |                       |                  |                 |
| <i>Long site tube</i>  |   |                       |                  |                 |
|  |   |                       |                  |                 |
| <b><i>Chlorophyll</i></b>  |   |                       |                  |                 |
| <b><i>Chemical</i></b>   |   |                       |                  |                 |
| DO - drop count kit  |   |                       |                  |                 |
| pH (drop test – noted had some errors after first test so included only one) | 10:12 AM  | 7.4                   |                  |                 |
| Salinity (Hydrometer)  | 10:50 AM  | Instrument broke      |                  |                 |
| <b><i>Fish Catch</i></b>   | <b><i>Number Caught</i></b>                             | <b><i>Species</i></b> |                  |                 |
| <b><i>Other organisms</i></b>  |   |                       |                  |                 |
| <b><i>Tides</i></b>  |   |                       |                  |                 |
| used tide meter stick  | 10:18 AM  | 15.4 inches           |                  |                 |
|  | 10:37 AM  | 17.4 inches           | rising           |                 |
|  | 11:19 AM  | 20.4 inches           | rising           |                 |
| <b><i>Currents</i></b>   | 10:30 AM  | flood                 |                  |                 |
| <b><i>Other Items</i></b>  |   |                       |                  |                 |
| <b><i>Evidence of pollution</i></b>  | Paper & boxes   | Bottles & cans        | cars             | clothes         |