

| Site ID   |  | 14BRN-02 (Estuarine Grab)                    |             |
|---|--|--|-------------|
| Date  | May 14, 2014                           |  |             |
| USGS Field Activity Number (FAN)                    | 2014-310-FA (14BRN)                    |  |             |
| Field Crew  | Chris Smith, Marci Marot, Alisha Ellis |  |             |
| Platform  | RUMFS RV Caleta                        |  |             |
| Arrival Time (EDT)                                  | 2:17 PM                                | Departure Time (EDT)                         | 2:27 PM     |
| Latitude (DD)                                       | 39.74254                               | Longitude (DD)                               | -74.14305   |
| Water Depth (m)                                     | Not recorded                           |  |             |
| Handheld GPS used                                   | Garmin GPSMap 62stc                    | GPS Waypoint                                 | 65          |
| YSI   | Pro-Plus                               | Camera                                       | Nikon AW100 |
| <b>Sample Type/Sample Info</b>                      |  |  |             |
| <b>Box Core:</b> USGS SPCMSC 30cm x 45cm Box Corer  |  | <b>Surface/Grab:</b> USGS SPCMSC Petit PONAR |             |
| Number of Attempts for Full Recovery                |  | Forams (preserved, x2)                       | x           |
| Photo #s of Sediment Surface                        |  | Grain Size                                   | x           |
| 6" OD Barrel Length (cm)                            |  | Stable Isotopes/Metals                       | x           |
| In-the-Ground Inside Depth to Surface (ITGIDS, cm)  |  |  |             |
| In-the-Ground Outside Depth to Surface (ITGODS, cm) |  |  |             |
| 6" OD Core Compaction (cm)                          |  |  |             |
| Recovered 6" OD Core Length (cm)                    |  |  |             |
| 3" OD Core Compaction (cm)                          |  |  |             |
| Recovered 3" OD Core Length (cm)                    |  |  |             |
| Surface Forams (preserved, x2)                      |  |  |             |
| Surface Grain Size                                  |  |  |             |
| Surface Stable Isotopes/Metals                      |  |  |             |
|   |  |  |             |
| <b>Water Quality Parameters: YSI</b>                |  |  |             |
| Water Type  | Estuarine                              |  |             |
| Temperature (°C)                                    | 17.3                                   |  |             |
| Barometric Pressure (mmHg)                          | 769.6                                  |  |             |
| Dissolved Oxygen (DO) (%)                           | 89.0                                   |  |             |
| DO (mg/L)   | 5.50                                   |  |             |
| Specific Conductance (mS/cm)                        | 41.42                                  |  |             |
| Salinity  | 26.6                                   |  |             |
| pH  | 7.87                                   |  |             |
| pH (mV)   | -84.3                                  |  |             |
| ORP (mV)  | 162.8                                  |  |             |
|   |  |  |             |
|   |  |  |             |
|   |  |  |             |
| <b>Notes</b>  |  |  |             |
| **NEW SITE** IN CHANNEL, SCIENCE CENTER POINT.      |  |  |             |
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| <b>Photos</b>                                       |  |  |             |
| PONAR grab: 1299-1301                               |  |  |             |
|   |  |  |             |