**Table 1: Site information and salt marsh unit measurements.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Site Name; Core #** | **Species** | **Development Mode** | **Sampling Year (CE)** | **Easting** | **Northing** | **Elev. (m; NAVD88)** | **Thickness (m)** | **Date (CE) a** | **C Stock (g m-2) b** |
| NPR-D; 8 | *Spartina* | Regressive | 2018 | 341061 | 3847425 | 0.17 | 0.53 | 2003 | 5013 ±150 |
| NPR-D; 14 | *Spartina* | Regressive | 2018 | 341098 | 3847406 | 0.32 | 0.36 | 1971 | 3482 ±104 |
| NPR-D; 16 | *Spartina* | Regressive | 2018 | 341106 | 3847402 | 0.39 | 0.42 | 1967 | 4346 ±130 |
| NPR-U; 5 | *Juncus* | Regressive | 2019 | 337270 | 3847270 | 0.45 | 0.75 | 1415 | 14520 ±436 |
| NPR-U; 1 | *Juncus* | Regressive | 2019 | 337263 | 3847247 | 0.53 | 1.02 | 1588 | 1212 ±364 |
| SRE-U; 6 | *Spartina* | Regressive | 2019 | 743692 | 3760253 | 0.18 | 0.6 | 1443 | 8024 ±241 |
| SRE-U; 1 | *Spartina* | Regressive | 2019 | 743648 | 3760206 | 0.50 | 0.8 | 1783 | 10762 ±323 |
| SRE-D; 1 | *Spartina* | Regressive | 2018 | 743213 | 3758113 | -0.23 | 0.31 | 1966 | 2849 ±85 |
| NB; 1 | *Juncus* | Transgressive | 2018 | 371264 | 3859486 | 0.21 | 0.51 | 1957 | 11275 ±338 |
| NB; 3 | *Juncus* | Transgressive | 2018 | 371199 | 3859505 | 0.19 | 0.21 | 1962 | 6327 ±190 |
| NB; 9 | *Juncus* | Transgressive | 2018 | 371232 | 3859496 | 0.11 | 0.31 | 1962 | 6691 ±201 |
| JB; 1 | *Juncus* | Transgressive | 2018 | 360457 | 3899959 | 0.21 | 0.9 | 1557 | 19765 ±593 |
| JB; 5 | *Juncus* | Transgressive | 2018 | 360460 | 3900004 | 0.09 | 1.01 | 1662 | 22916 ±687 |
| JB; 7 | *Juncus* | Transgressive | 2018 | 360449 | 3900099 | 0.07 | 0.58 | 1783 | 13027 ±391 |
| JB; 6 | *Juncus* | Transgressive | 2018 | 360459 | 3900063 | 0.09 | 0.82 | 1551 | 17633 ±529 |
| JB; 8 | *Juncus* | Transgressive | 2018 | 360442 | 3900130 | 0.03 | 0.27 | 1973 | 7350 ±221 |
| LB; 3 | *Juncus* | Transgressive | 2019 | 369226 | 3867912 | 0.22 | 1.24 | 1247 | 21647 ±649 |
| LB; 5 | *Juncus* | Transgressive | 2019 | 369285 | 3867775 | 0.17 | 0.83 | 1335 | 19197 ±576 |
| LB; 6 | *Juncus* | Transgressive | 2019 | 369316 | 3867697 | 0.19 | 0.8 | 1589 | 15833 ±475 |
| LB; 7 | *Juncus* | Transgressive | 2019 | 369327 | 3867653 | 0.23 | 0.51 | 1850 | 12040 ±361 |
| LB; 8 | *Juncus* | Transgressive | 2019 | 369336 | 3867617 | 0.24 | 0.25 | 1893 | 7418 ±223 |
| LB; 9 | *Juncus* | Transgressive | 2019 | 369347 | 3867579 | 0.24 | 0.31 | 1957 | 8424 ±253 |

a Basal salt marsh median date. See Supplementary Data for details.

b See supplementary data for measurements used to calculate inventories.