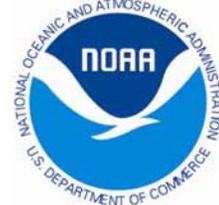


FINAL REPORT Virginia Marine Resources Commission Seaside Heritage Program: Oyster Reef Restoration

Principal Investigator, Dr. James Wesson

NOAA Grant # NA07NOS4190178, Task 10.08

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Virginia Marine Resources Commission Seaside Heritage Program: Oyster Reef Restoration FY 2007 Task 10.08

Sanctuary oyster reefs were constructed in Accomack and Northampton Counties. The sanctuary reef in Accomack County was constructed on public ground #35 in Accomack County, behind Parramore Island. The reef was constructed with 26,721 bushels of shells and included approximately 1.32 acres. Reef Coordinates were 1) 37° 32' 37.32", 75° 39' 06", 37° 32', 2) 37.32", 75° 39' 05.04", 3) 37° 32' 34.44", 75° 39' 04.68", 4) 37° 32' 29.04", 75° 39' 04.20", 5) 37° 32' 28.98", 75° 39' 05.28", and 6) 37° 32' 29.04", 75° 39' 04.20".

Figure 1: Site Map, Parramore Island



Generally spatset in 2008 was lower than normal in Accomack County. This reef had an average spatset of 280 spat per meter.

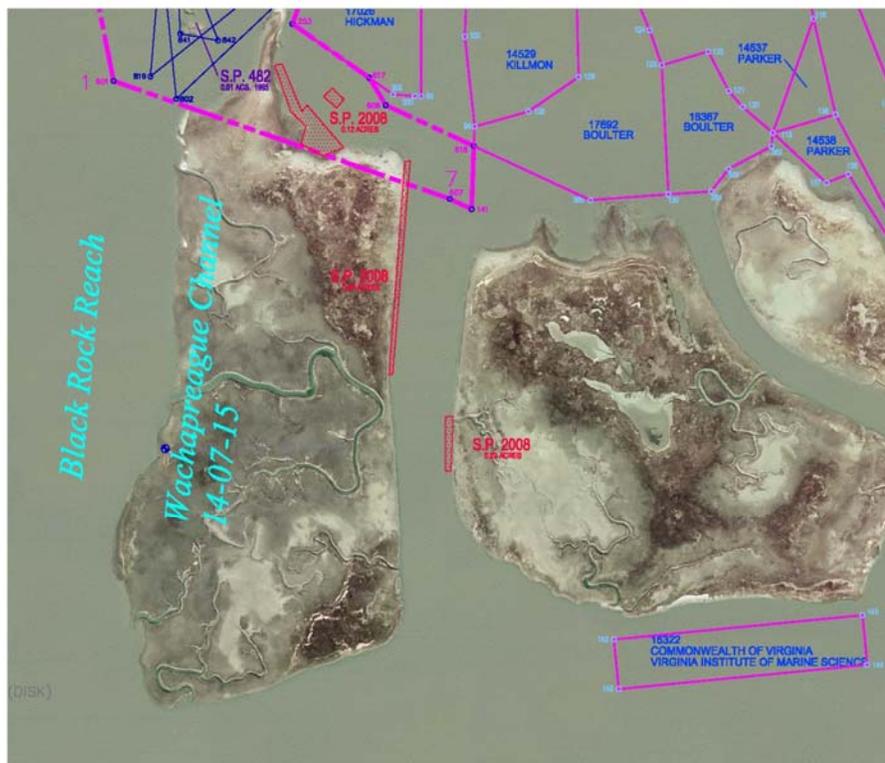
Figures 2 & 3: Parramore Shellplant





Matching funds for this project were used to construct four other small reefs in Accomack County in the Wachapreague area. Two of these reefs were on public ground 48 and were 1.0 acres (single point, 37° 36' 04.38", 75° 38' 17.94") and 0.12 acres (37° 36' 07.02", 75° 38' 19.14").

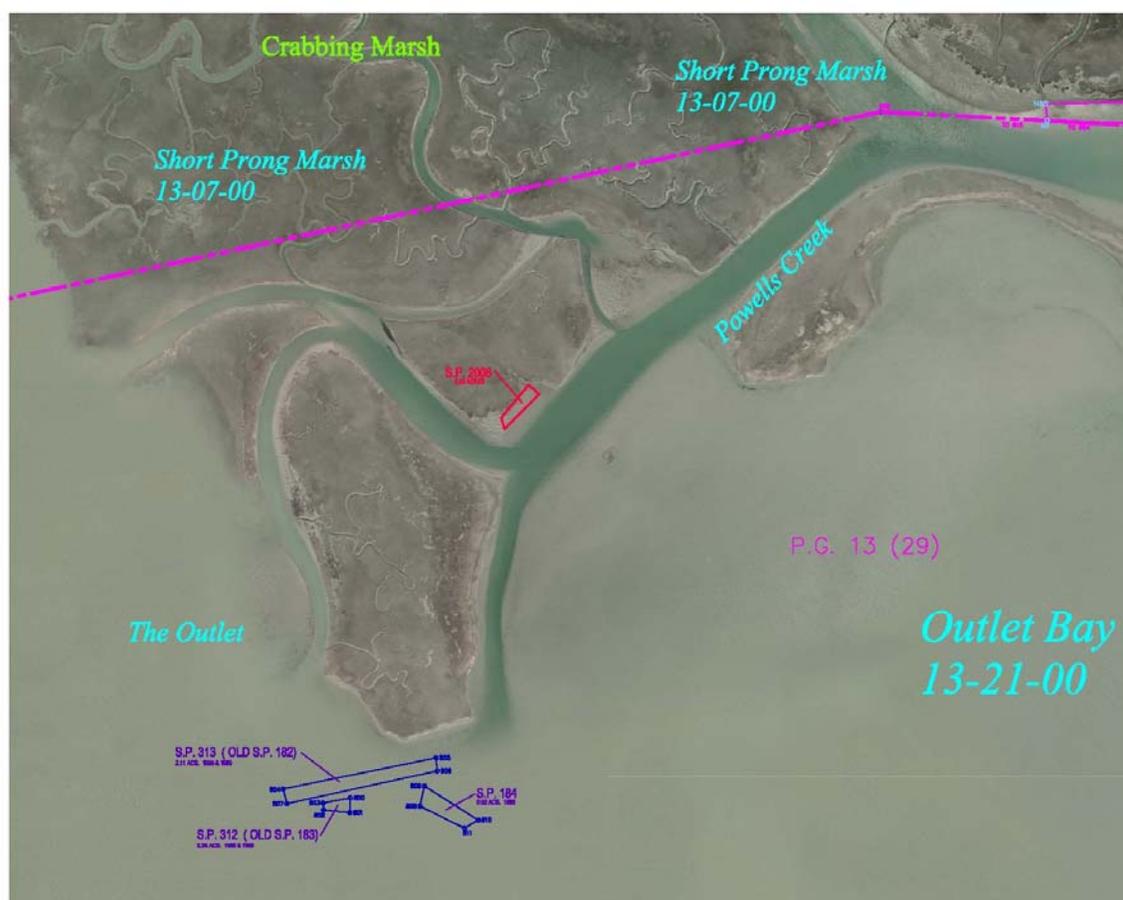
Figure 4: Site Map, Wachapreague Match Reefs



These reefs had relatively low spatsets averaging 298 spat per meter. Two other small reefs were constructed on unassigned ground, 0.60 acres (37° 36' 03.54", 75° 38' 13.98") and 0.22 acres (37° 35' 50.34", 75° 38' 11.82) and they also had relatively low spatsets averaging 116 spat per meter.

One sanctuary reef was constructed in Northampton County near Short Prong Marsh on public ground #13. This reef was on Powell's Creek, and was 0.53 acres with coordinates, 1) 37° 23' 30.96", 75° 49' 37.20", 2) 37° 23' 31.68", 75° 49' 37.44", 3) 37° 23' 33.72", 75° 49' 35.16", and 4) 37° 23' 33.12", 75° 49' 34.32". This reef was constructed with 28,571 bushels of shells. Spatset in Northampton County was generally better than in 2008 than in Accomack County. Spatset on this reef averaged 1,932 spat per meter.

Figure 5: Site Map, Short Prong Marsh-Boxtree



Figures 6 & 7: Short Prong Marsh-Boxtree Shellplant



