

Survey Report Notes

Survey Title: 2019 Town of Duck
Topographic and Hydrographic Survey Report

Prepared Date: September 2019

Prepared For: Duck, NC

Prepared By: Aptim Coastal Planning & Engineering of North Carolina, Inc.

Dates of Survey: May 16th, 2019 through May 29th, 2019

Survey Location: Town of Duck PI-17 through D-34

Notes:

1. The survey is neither valid nor complete without both the survey report and described survey maps. Digital data files encompassing the following have also been provided in the following formats listed.
 - *Monument Information Report (Appendix 1)*
 - *ASCII file (profile xyz data. Digital only) (Appendix 2)*
 - *Profile Plots (Appendix 3)*
 - *Ground Digital Photography (Appendix 4)*
 - *Project field books (Digital Only)(Appendix 5)*
2. The information on this map represents the results of the survey on the dates indicated and can only be considered as indicating the general conditions existing at the time.
3. The coordinates shown are in US survey feet based on the vertical and horizontal data that was collected and presented relative to the North American Vertical Datum of 1988 (NAVD88) and the North Carolina State Plane Coordinate System, North American Datum of 1983(2011) (NAD 83(2011)).
4. Vertical measurements are based on second order monuments KITTY, CAFFEY, AND 865 1370 C TIDAL, per published NGS coordinates.

5. Bearings are based on a bearing of South 24° 10' 46" East between NGS second order monuments KITTY and CAFFEY per published NGS coordinates.
6. Underground and subaqueous improvements and/or utilities were not located as part of this survey and should be field verified prior to any dredging or construction activities.
7. Refer to APTIM field book No. 490 and Swims for the onshore portion and book No. 50 for the offshore portion.
8. Aids to navigation were not located during this survey.
9. Soundings were collected using an Odom Hydrotrac II, Single Frequency, survey grade sounder. The sounder was calibrated prior to the start of the survey following manufacturers recommended procedures.
10. This survey was conducted for the town of Duck for use as a topographic and hydrographic survey.