

ABSTRACT

Aptim Coastal Planning and Engineering of North Carolina (APTIM) was contracted by Duck, North Carolina to provide a topographic and hydrographic survey. The 2019 topographic and hydrographic Survey consisted of thirty six (36) profile stations spanning across the Town of Duck, NC. Aptim surveyors conducted the beach and hydrographic surveys from May 16, 2019 through May 29, 2019.

The physical monitoring of Town of Duck included topographic and hydrographic surveys of the beach and offshore areas. The monitoring data is necessary to observe and assess beach conditions for future construction. The scientific monitoring processes provide information necessary to plan, design, and optimize subsequent follow up projects. The information gathered may potentially reduce the need for, and cost of, unnecessary work as well as potentially reducing any environmental impacts that may have, or is expected to occur.