

ABSTRACT

Aptim Environmental & Infrastructure, LLC (APTIM) was contracted by Coastal Protection Engineering of North Carolina, Inc. to provide a topographic and hydrographic survey within the Town Duck, North Carolina. The 2021 topographic and hydrographic survey consisted of thirty-five (35) profile stations spanning across the Town of Duck, NC. APTIM surveyors conducted the beach and hydrographic surveys from April 22, 2021 through April 30, 2021.

The physical monitoring of the 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 occurred or is expected to occur.