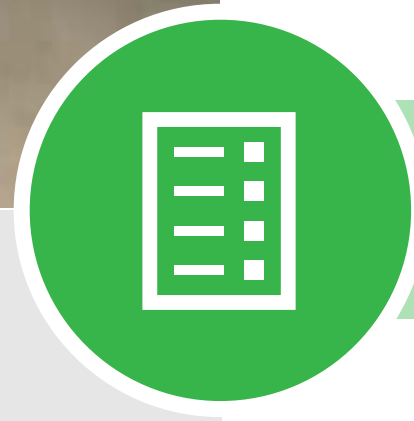




## BRIEF OVERVIEW AND RELEVANCE

The Navy is performing a proactive assessment of installed aqueous film-forming foam (AFFF) containment systems and their ability to contain, or otherwise prevent, the release of AFFF and per- and polyfluoroalkyl substances (PFAS) into the environment. AFFF containing PFAS is commonly found across Navy and Marine Corps installations in aircraft hangar fire suppression systems and petroleum storage and fueling facilities. Jacobs is planning and managing the successful execution of a 2-year AFFF containment study of 52 Navy and Marine Corps installations worldwide.



## AFFF Product Supply and Containment Systems Evaluation, NAVFAC Atlantic

Navy and Marine Corps Installations, Nationwide

### PROJECT SCOPE

- Pilot Site Visit Approach and Site Schedule
- Data Collection
- System Evaluation Requirements
- Cost Estimating Approach
- Geographic Information System (GIS) Data Collection
- Site Visit Logistics, Including Access, Electronic Equipment Usage, and Photography
- Stakeholder Meetings and Workshops
- Containment Study

### CHALLENGES

- Since the containment study was a new approach for the Navy, the team was challenged with designing a new process and developing an electronic system to capture the data. We engaged stakeholders in workshops to coordinate scope, project objectives, and the proposed evaluation process.
- Managing the effort at 52 different installations worldwide challenged the team to understand and follow varying security access, electronic equipment requirements, and photography policies at each site, as well as evolving COVID-19 requirements in each country.

### KEY ACCOMPLISHMENT

Implemented an electronic data tool to capture observations in the field in real time, providing the field staff with iPad tablets to input their findings into a centralized data system. Our approach improves standardization of data and eliminates the need for duplicating data entry.