

**Fort Eustis Sewage Pump Station**

22. YEAR COMPLETED

PROFESSIONAL SERVICES 2000	CONSTRUCTION (if applicable) 2001
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23. PROJECT OWNERS INFORMATION

a. PROJECT OWNER HRSD	b. POINT OF CONTACT NAME Bill Salley	c. POINT OF CONTACT TELEPHONE NUMBER
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost):

This project is representative of over 100 projects involving water and sewer pumping stations. Liberty Engineering provided structural design for a below grade wet and dry wells, single story masonry and brick building as a consultant to a local engineering firm. Liberty Engineering provided preliminary engineering reports, construction documents, bidding assistance, shop drawing and submittal reviews and periodic site visits. The architectural aspects of the station incorporated appropriate elements of a nearby 17<sup>th</sup> century house. The project incorporated hurricane resistant features and a design wind speed of 100 MPH. Team member GER was the geotechnical engineer for this project. This project allowed t the post's antiquated sewage treatment to be abandoned in favor of treatment by HRSD.

Estimated cost	(in thousands)
Entire Project	950
Work for which the firm was responsible	600



Dare Heights Sewage Pump Station, Shutters are really louvers.

**Diamond Springs Road Pump Station, Virginia Beach:** Liberty Engineering provided structural design for a below grade wet and dry wells, single story masonry and brick building as a consultant to a local architecture and engineering firm. Liberty Engineering provided construction documents, bidding assistance, shop drawing and submittal reviews, periodic site visits.

**Sewage Pump Station, TCC Suffolk Campus:** Structural design of a submersible pump station wet well and pumphouse. Work included construction documents, bidding assistance and submittal reviews.

**Sewage Pump Station, Harbor Park, Norfolk:** Liberty Engineering's principal provided structural design for a pile supported sewage pump station to serve a new stadium. Work included preparation of construction documents, submittal reviews, site visits during construction.

**Dare Heights, Jonadab Road and Lodge Road Pump Stations, York County:** Preparation of construction documents for a three sewage pump stations including a 3MGD capacity station. These projects utilized the Hampton Roads Planning District Regional specifications.

**Lift Station 1-2, James City Service Authority:** Structural and architectural design for a 7 MGD pump station. This station designed to HRSD specifications.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME URS	(2) FIRM LOCATION Virginia Beach, VA	(3) ROLE Lead Design Firm, Civil Rick Underhill Project Manager
b.	(1) FIRM NAME Liberty Engineering, PC	(2) FIRM LOCATION Virginia Beach, VA	(3) ROLE Civil Engineer
c.	(1) FIRM NAME GeoEnvironmental Resources	(2) FIRM LOCATION Virginia Beach, VA	(3) ROLE Geotechnical Engineer