



January 3, 2012

**Mr. Carl A. Hazenberg, PE**  
Everlast Synthetic Products, LLC  
1000 Wyngate Pkwy., Suite 100  
Woodstock, GA 30189

RE: Stauffer Chemical Superfund Site, EverComp 26.1 FRP Sheet Pile Cut-Off Wall & ESP 8.5 Vinyl Sheet Pile Bulkhead / Seawall Operable Unit 1

FILE:

Dear Mr. Hazenberg,

The Stauffer Chemical Company's Tarpon Springs site is situated on 130 acres along the Anclote River in Tarpon Springs, Pinellas County, Florida. The facility was used to produce elemental phosphorous using phosphate ore mined from deposits in Florida. The plant began production in 1947 and continued to manufacture elemental phosphorous until the plant closed in 1981. O'Brien & Gere Engineers, Inc. was retained to design and manage the remediation of the site.

#### **CUT-OFF WALL**

Due to the volatile and chemically aggressive nature of elemental phosphorus, a fiber reinforced plastic sheet pile with a polyurethane based resin system was selected to contain the area in question. In the summer of 2010, over 2,600 LF of EverComp 26.1 sheet pile was driven into sandy soils and the tip embedded into the varying limerock layer. The interlocks of the sheets were treated with an expansive sealant to further provide ground water cut-off. Maximum sheet lengths used were 30 feet and was capped with a PVC coated steel cap. Installation was completed by the pile driving contractor in less time than originally estimated.

#### **BULKHEAD/SEAWALL**

Approximately 1,380 LF of ESP 8.5 vinyl sheet pile bulkhead was installed along Myers Cove and was supported with Manta Ray Earth Anchors due to the limited space.

Both EverComp 26.1 FRP Sheet Pile and ESP 8.5 Vinyl Sheet Pile performed as specified and we continue to find uses for the products as projects develop. The technical support provided by ESP was invaluable during this project and we will continue to contact you as the need arises for clarification of technical questions.

Very truly yours,  
**O'Brien & Gere**

A handwritten signature in black ink, appearing to read 'D. Edwards'.

David A. Edwards, PE  
Project Manager

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