

BARNES®

HILL COUNTY HARBOR Graford, TX

Application Overview

While attending the 2009 International Builders' Trade Show (IBS) in Las Vegas, NV Dan Offield from Hill Country Harbor Municipality visited the Crane Pumps & Systems booth. The municipality needed a pressure sewer solution that could handle a rocky and hilly terrain, seasonal home use and would be aesthetically pleasing for the luxurious lake community of Hill Country Harbor.

Crane Pumps & Systems offered to provide a system design that would illustrate the recommendation for the site. CP&S designed a complete piping analysis with sophisticated piping software, KY Pipe, and then compared it to the competition's system analysis. The CP&S design recommended 100 EcoTRANs and five duplex basin packages all outfitted with two stage centrifugal Omni Grind Plus™ grinder pumps.

The municipality was impressed with the design, not only was it aesthetically pleasing, but it was 30% less cost than the competitor's design!

Key Takeaways

Pain Points

The rocky terrain and seasonal homes made it difficult and almost impossible to install a traditional gravity sewer system. Hill Country Harbor Community needed an alternative, and one that would be aesthetically pleasing to the residents of the upscale, luxury neighborhood.

Solution

CP&S recommended a Pressure Sewer Solution for the municipality consisting of Barnes EcoTRANs and Barnes duplex basin packages, both outfitted with the Barnes Omni Grind Plus™ two stage centrifugal grinder pumps.

Features:

- Two stage pump design provides high head capability.
- Installed with the Barnes ESPS™ (Environmentally Sealed Pressure Switch) to eliminate grease build up issues.
- Start and run capacitors are located in the motor housing so no expensive control panel required.
- UL and CSA listed to assure quality and electrical safety.



PUMP

Barnes EcoTRAN with OGP Pump



OPERATIONAL IMPROVEMENT

System that could handle hilly and rocky environment



INSTALL DATE

June 2009

