

Case Study: Slash Creek, Hatteras, NC



Slash Creek Condominiums needed a special wastewater treatment system...

ENVIRO-TECH had the solution.

Location: Slash Creek Condominiums, Hatteras, NC

Challenge:

Permit, design, and build a wastewater treatment plant to meet very stringent effluent criteria due to narrow setbacks and close proximity to surface water on three sides of the property. If that wasn't enough, it also had to be invisible, odorless and quiet since it would be the first thing people would pass upon entering this upscale property.

The Enviro-Tech Solution:

Reuse disposal through irrigation and infiltration were the methods of effluent disposal. We worked closely with the design team at Quible and Associates, Inc., to create a facility built specifically for the Hatteras site that would utilize historically proven methods and design, yet on a much larger scale.

Critique & Results:

The plant has been in service for three years now and while it is a struggle to operate at extremely low flows, (5% of design flow), it is operating as expected and serves the community well. There have been no comments or complaints about aesthetics, noise or odor. When industry knowledgeable people visit the site, they are usually surprised as they ask, "OK where is it at," and I reach past them to open the door to the plant that is within 20 feet of where they are standing.

See the Process:



"The Foundation"



The Plant – delivered to the site



Plant Placement



The Finished Product!



Our Challenge Is Met!
*(The system is the small house and pond
just above the condos' swimming pool!)*

Final Notes:

You want the efficiency and reliability of wastewater treatment, but you don't want the eyesore that often comes with it. Don't worry. We understand your exacting needs and can even make a large tank virtually disappear. Your homeowners get outstanding wastewater treatment yet still keep their curb appeal.

Eddie Meekins,
Vice President