



Horizontal Flocculators and Rectangular Collectors Prove to Offer Long Life and Reduced Maintenance

State of the Art Water Treatment

E & I Corporation is committed to harnessing the latest technology in a continued effort to provide the highest quality water treatment equipment available. For the last quarter century, we've been backing up that claim with perfect performance records at installations like Newark, Ohio.

Reduced Maintenance

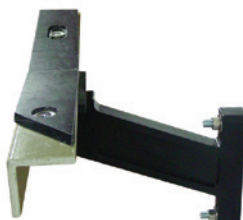
Newark has a population of approximately 47,000 people. The water service is comprised of 188 miles of water lines and provides fresh water for the city of Newark and the surrounding area. The water source comes from the surface water in the Licking River.

To aid in the process of treating the water, the plant utilizes nine Horizontal Flocculators and nine Rectangular Collectors. For long life and reduced maintenance, both pieces of equipment contain state of the art light weight corrosion resistant non metallic materials.

Components



Shear pin sprockets



Non-metallic rail system



Sprocket with internal bearings
for new or rebuilt systems



Project Overview

Client: Newark, Ohio
Consultant: Malcolm Pirnie
Products: 9 Horizontal Flocculators
 9 Rectangular Collectors

Benefits

- Reduced maintenance
- Corrosion resistant non metallic materials
- Long life



E & I Corp's Horizontal Paddle Flocculators: Designed to Fit Your Needs

Through the use of state of the art computer programs, E & I Corporation is able to arrange the most effective configuration of Flocculator(s) to suit your needs. From paddle reel to turbine type, single stage to multi stage, the E & I Corporation Flocculator provides for the most efficient floc formation. Based on years of experience, the selection of materials, including fiberglass reinforced plastics and stainless steel, along with light weight tube shafts, quick removal flange connections to variable speed drives, E & I Corporation has a design to meet your requirements.

E & I Corp's Rectangular Collectors: Increasing Life Through Innovation

For years, E & I Corp has offered many material alternatives to increase the life of Rectangular Collectors. Through the supply of complete new systems to the retro-fit of existing systems, E & I Corp has a solution to your problems. The usage of high strength plastics, reinforced fiberglass plastics to stainless steel components, E & I Corp can custom design a new system or retro-fit your existing system. For primary or secondary waste collectors or water plant service, E & I Corp has an offering to suit your needs, including: precision molded plastic chain, stainless steel chain, fiberglass reinforced plastic flights and return rail tracks, nylon wall brackets, nylon or UHMW polyethylene sprockets, light weight high strength tubular fiberglass shafting, stainless steel tube shafting, nylon, stainless or steel stub shafts, static sleeves for new and rebuilt, nylon or UHMW polyethylene wear shoes, and self compensating chain take ups. Below are the components.



Common Applications

- Industrial / chemical plants
- Water treatment plants
- Paper mills

Benefits & Features Overview

- Non metallic components
- Non lube bearings
- NSF Certified



Shear pin sprockets



Non-metallic rail system



Sprocket with internal bearings
for new or rebuilt systems

Industry Leader for 25 Years

E & I Corporation, a Division of McNish Corporation, remains the industry leader in specialized screening equipment for the municipal and industrial, water and wastewater markets. For more information about our company and product line, please call (614) 899-2282 or visit us on the web, at www.eandicorp.com.