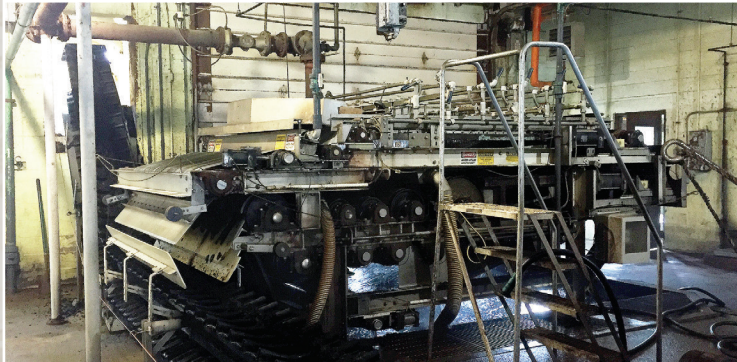




Water & Wastewater Services

# PROJECT PROFILE

## Centrifuge Installation



Before



After



P.O. Box 55, Skippack, PA 19474

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 Web: bgcwws.com  
 Consulting: lucky@bgcwws.com  
 Service: mmilewski@bgcwws.com  
 Estimating: cpurdy@bgcwws.com  
 Engineering: jmoses@bgcwws.com  
 Metals  
 Fabrication: metals@bgcontractors.com



### Project:

The Easton Area Joint Sewer Authority  
 Water Pollution Control Facility  
 Centrifuge Installation Project

### Location:

Easton, PA

### Client:

Easton Area Joint Sewer Authority  
 50-A South Delaware Drive  
 Easton, PA 18042

### Design Engineer:

Cardno BCM  
 920 Germantown Pike, Suite 200  
 Plymouth Meeting, PA 19462

### Project Information:

This project included installation of the following equipment:

- Centrifuges – Two (2) Alfa Laval Aldec G-75's
- Screw Conveyors – Two (2) Spiral Shaftless Screw Conveyors
- Sludge Grinders – Two (2) Vogelsang Rotary Lobe Grinders
- Sludge Pumps – Two (2) Vogelsang Rotary Lobe Pumps
- Utility Booster Pump System (Skid-mounted, packaged pumping system by SK Systems)
- Liquid Polymer System (Acrison – Kershner Environmental Model 580-2)
- Electric Chain Hoist & Festoon System (Cordell & Associates)

This project also included facility modifications including:

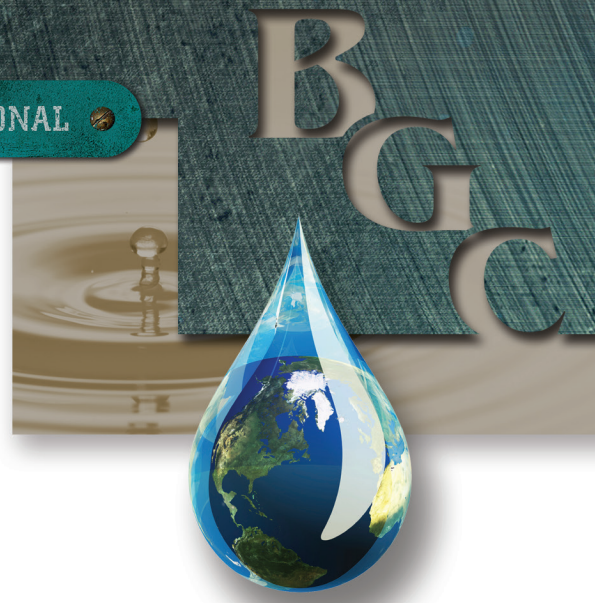
- New Overhead Doors
- New Man Doors
- Miscellaneous Masonry Modifications
- Concrete Floor Repairs
- Painting, New Roof and Handrails

### Realized Performance Advantages:

Centrifuge Capacity: 9,000 GPH avg., 12,000 GPH max.  
 Polymer Feed: 5 GPH avg., 8 GPH max.

### Sludge Feed:

- Primary Sludge: 1.44 % Solids avg.
  - Secondary Sludge: 4.41 % Solids avg.
- Processed Sludge: 23.3 % Solids avg., 27.0% Solids max.







# Water & Wastewater Services

The BGC, Inc., Water & Wastewater Services Division Team is dedicated to providing superior quality, efficiency and timely performance to all of our clientele; serving the water and wastewater needs of the municipal, industrial, agricultural and institutional sectors.

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- Vertical Pump Alignment
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- In-house Mechanical Engineering Services
- In-house Media Blasting & Industrial Coatings
  
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- Valve Vaults
- Meter Pits
- Package Plants
  
- Clarifiers & Drives
- Aeration Equipment
- Oxidation Equipment
- Grit Equipment
- Sludge Dewatering
- Digesters
  
- Site Development & Utilities
- Paving & Concrete
- Manhole Supply
  
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