

BECKART

Resourceful Wastewater Solutions Since 1978
Treatment Systems, Processes & Service Programs

Company Profile

With over 2,500 wastewater treatment systems in successful operation around the world, Beckart Environmental offers customers a single source to meet all compliance needs. Whether it's offering a system designed for pre-treatment prior to discharge to your local POTW, designing a zero-discharge solution to allow you to upgrade your plant for closed-loop operation, or redesigning an existing system, chances are good that we've applied solutions in your industry. We write the software for the programmable logic controllers (PLCs) that make all necessary chemical and engineering decisions to suit your specific challenge. When you partner with Beckart, you are working with a company that makes a priority of improving process efficiency, reducing labor and chemical costs, and anticipating future changes in plant processes and discharge standards.



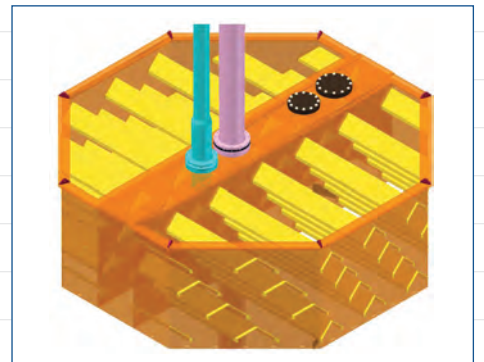
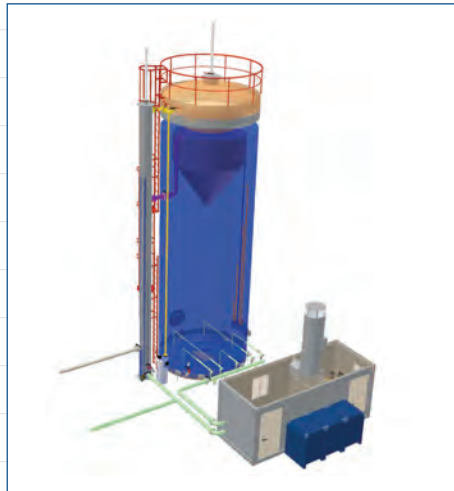
Continuous flotation wastewater treatment system (5 – 1,000 gal. per minute).



Batch filter press system (400-10,000+ gal. per batch).



Continuous sedimentation wastewater treatment systems, offered in slant-plate (left) or tank-style designs (5-500 gal. per minute).



Beckart offers a full complement of aerobic and anaerobic biological wastewater treatment systems, designed to provide leading edge wastewater-to-energy technology.



Sludge bags, sludge carts and other materials handling accessories are built in-house to Beckart's exacting standards and warehoused regionally for quick turnaround.



Hy-Pack® Filter Presses

It may seem that this industry stalwart has been around forever, but continuous improvement keeps great ideas alive for a long time.



The Hy-Pack® line of recessed-plate Filter Presses owes its success to the flexibility to serve dozens of industries, to the broad range of sizes and expansion capabilities, and the ability to deliver cost savings consistently. Designed, manufactured and serviced by Beckart, Hy-Pack® Filter Presses dewater thoroughly, compact effectively, and ultimately reduce haul-out charges and compliance headaches.



Hy-Pack® presses are often the centerpiece of customers' zero-discharge plants. The line has kept pace with emerging technologies and chemical formulations such as optimized sludge conditioners for those moving toward closed-loop operation. Talk to a Beckart representative and acquaint yourself with our expertise in this area.

Depending on the application, these presses offer multiple options for water recycling and reuse.

- Landfill-ready at 35-50% solids retention
- Sizes: 470mm-1200mm
- Manual to fully automatic
- Replacement polypropylene cloths
- Replacement polypropylene plates
- *Recent upgrade -- Fully automatic pump system!*



Chlorine Dioxide Products

Target odors *at the source* rather than just masking them.



- Odor Reduction
- pH and Viscosity Stabilization
- BOD/COD Reduction

Our chlorine dioxide selection keeps evolving to safely and effectively produce this well-known chemical approach to odor reduction. Our ClO₂ Kits are in successful use throughout the manufacturing industries and municipalities, as well as the hospitality industries. Tablets and extended release products expand the applications to automotive, mobile home and other industries.

Specializing In:

- Dissolved Air Flotation (DAF)
- Hy-Pack® Recessed Plate Filter Presses
- Chlorine Dioxide Products
- Biological Treatment
- Optimized Chemistry

Markets Served:

- Stone Fabrication
- Corrugated Containers
- Flexo Printing & Packaging
- Plastics Recycling
- Metal Finishing & Plating
- Die Casting
- Paints & Adhesives
- Textiles & Tanneries
- Industrial Laundries
- Vehicle & Equipment Wash
- Food Processing
- And Others

Problems Solved:

- Treating for Recycling & Reuse
- Heavy Metal Reduction
- Oil & Grease Reduction
- BOD/COD Reduction
- TSS Reduction
- pH Neutralization
- Chrome Conversion
- Surcharge Reduction
- And Others

Services Offered:

- Treatability Studies
- Permitting Assistance
- Project Management
- Turnkey Installations
- Start-up & Training
- Equipment Commissioning
- Field Service

Chemicals and Support

As a relationship manufacturer, Beckart is proud to support our systems to the best of our ability. A network of regional chemical warehouses and factory-trained service technicians make the two a natural fit for on-going optimization of your system, and we've developed an innovative program that brings together competitively-priced chemistry with the people who know your equipment best.

As a Beckart chemical customer, you will have access to scheduled:

- Environmental/system audits
- Monitoring of effluent quality
- Preventive maintenance
- Establishment and monitoring of treatment logs
- Expert support for programmable logic controllers and other hardware
- Troubleshooting



Beckart is committed to in-house technological innovation, from the use of specialized software to enhance design and manufacturing, to programming our own PLCs and touch-pad displays.

Optimized chemicals available in drum, tote and bulk:

Coagulants

- Beckart Blends
- Bentonite Clay
- Polyaluminum Chloride (PAC)
- Polyaluminum Hydroxychloride
- Aluminum Chloride
- Aluminum Chlorohydrate
- Aluminum Sulfate (Alum)
- Ferric Chloride
- Ferrous Sulfate Monohydrate
- PolyClay 104

Polymers

- Cationic and Anionic/Polymer B-40

Filter Aids

- Bentonite Clay
- Diatomaceous Earth
- Perlite

Acids/Alkali

- Hydrochloric Acid
- Hydrated Lime
- Sodium Hydroxide
- Sulfuric Acid

Odor Control

- Chlorine Dioxide Kits & Tabs
- Stenchbuster

Others

- Activated Carbon
- Diatomaceous Earth - Soil Amendment (DESA)
- Filter-Clean
- Micro-Beck Microbes & Enzymes
- Potassium Permanganate
- Poly V100
- Sodium Hypochlorite



Please call for more information on the complete chemical line, our innovative chemical service program and the sizes available for delivery.



Beckart Environmental, Inc.
6900 46th Street
Kenosha, WI 53144



Tel: (262) 656-7680
Fax: (262) 656-7699
On-line: www.beckart.com
E-mail: information@beckart.com