

Flocculation & Solids Separation

Wastewater treatment entails many different processes, none more important than the separation of solids from influent waste streams. Optimization of these processes is critical to achieving quality effluent criteria from which most standards are derived. Achieving such important criteria requires a full line of highly specialized products and the knowledge to apply them.



Coyne Environmental is uniquely positioned with the most comprehensive collection of treatment options available to assist the municipal and industrial water and wastewater treatment industries in meeting your specific treatment goals.



MUNICIPAL & INDUSTRIAL WASTEWATER TREATMENT

Flocculation & Solids Separation

The key to understanding the waste treatment process requires the ability to review the entire process as a whole and understand how one segment impacts another. In Flocculation and Solids Separation, this is a critical element in determining the proper products to analyze. This is why Coyne's Chemical Applications Specialists have experience in all aspects of wastewater treatment. Whether a treatment system requires a product for a clarification process, biosolids/sludge dewatering, or any other application, we are better versed to assist you in determining the best option for obtaining your treatment goal.

Product selection begins with a review of the entire treatment process. As with many other treatment applications, this is an individualized process based upon the specific needs, treatment objectives, and operating criteria presented. And, with the world's largest manufacturer of solids separation technology as our supplier, Coyne Environmental is well versed in finding a cost-effective solution with outstanding performance. We are well suited to perform on-site testing to ensure proper results.

Coyne Environmental Services is proud to be Ciba/BASF's exclusive Mid-Atlantic and New England distributor.

To contact Coyne Environmental Services for additional information specific to your application, or to reach your local Chemical Application Specialist for a site visit, please call **215-785-3000**.

Or visit us at:

www.coyneenvironmental.com

PRODUCTS

Dispersion Polymers (*Anionic / Nonionic / Cationic*)

Emulsion Polymers (*Anionic / Nonionic / Cationic*)

Granule Polymers (*Anionic / Nonionic / Cationic*)

Liquid Polymers (*Cationic*)

Microbead Polymers (*Anionic / Nonionic / Cationic*)

APPLICATIONS

Biosolids Separation / Sludge Dewatering
(*Centrifuge / Belt Filter Press / Screw Press / Bags / Plate & Frame*)

Coagulation Aid

Color Removal

DAF Flotation

Dissolved Solids Reduction

Fat, Oil, and Grease (FOG) Removal

Heavy Metals Precipitation

Phosphorus Removal Aid

Settling Aid

Silt Removal

Suspended Solids Removal

Thickening Aid
(*Rotary Drum / Gravity Belt / Bags / Gravity*)

TSS Reduction

Coyne Chemical Environmental Services provides practical, economical, and user-specific solutions to virtually any municipal or industrial water and wastewater treatment challenge.