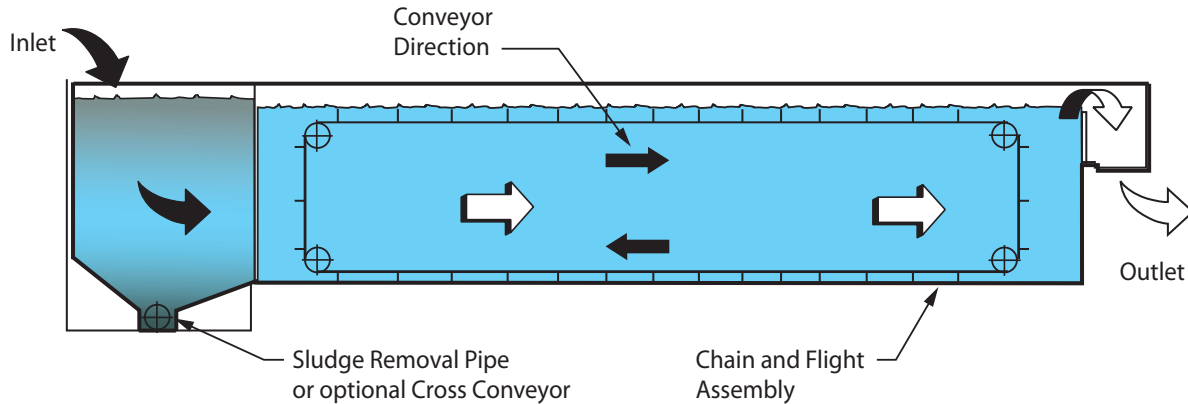




CHAIN & FLIGHT COLLECTORS



Monroe Environmental® is uniquely qualified to supply Chain and Flight Collectors for nearly any application. Monroe's engineering team has over 40 years' experience designing, fabricating, and operating chain and flight conveyor systems for the most demanding applications including water and wastewater treatment plants, refineries, power plants, steel mills, chemical plants, ash handling, cullet dewatering, and other heavy duty applications.

To arrive at the optimum design for each individual application, Monroe will analyze:

- Flow rate
- Sludge loading
- Drive configuration
- Runtime
- Conveyor speed
- Torque requirements
- Flight strength
- Sprocket design
- Wear shoes
- Component supports
- Materials of construction
- Maintenance requirements
- Control requirements
- And many other parameters

Monroe Environmental chain and flight collectors are built to the highest possible standards for quality and successful long term operation. Many installations involve toxic liquid/solids separation under the most strenuous process conditions.

Monroe offers chain and flight collectors in a variety materials including:

- Mild steel
- Stainless steel
- Specialty alloys
- Non-metallic (FRP, polymer, etc.)

Alternative Sludge Collector Designs

Monroe Environmental also offers other sludge collector designs for specific applications including:

- Hoseless Sludge Collector
- Screw augers & mechanical agitators
- Sludge rakes
- Mud valves
- And many others



Chain and flight collector with non-metallic chain, flights, wear shoes, and flight supports.



Drive and drive chain during shop testing