



SolidsTrooper®
STC

SolidsTrooper®

Cost-effective Collection and Containment of Solids in Commercial Wastewater Systems

ParkUSA's solids interceptors effectively collect and contain solid substances in commercial wastewater systems, while protecting sewer infrastructure, reducing municipal treatment costs, complying with regulations, and minimizing environmental impact. They are designed for multiple applications:

The SolidsTrooper™ captures solid substances such as waste grindings, food particles and processing waste, dental waste, glass, plastics, and trash. It is commonly used in food processing, healthcare, glass bottlers, dumpster/compactor areas, and manufacturing facilities.

The LintTrooper® intercepts fabric fibers, rags, buttons, and other similar items and is used in laundromats, dry cleaners, and commercial laundries.

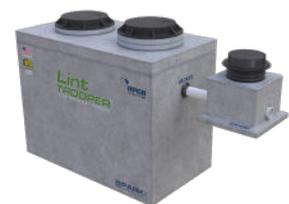
The ZooTrooper® is a wastewater interceptor system specifically designed to intercept solids and debris from animal care facilities, including dog parks, veterinary clinics, kennels, zoo habitats, aquariums, and agricultural barns.

Advantages

- All internal components included
- Ready for install
- Custom built for 500 – 15,000 gallons
- Custom screen sizes down to 100 microns
- Remote maintenance alarm
- Sediments remain in interceptor until vac-truck services the unit
- Above or below grade installation
- Pedestrian or traffic rated
- Interior liners available
- Meets all building codes



LintTrooper® LST



LintTrooper® LTSC



ZooTrooper®

Solids Trooper™

Solids Removal System



How It Works

Solids interceptors, which are typically located outside and below grade, effectively remove solids from wastewater before it enters into a sanitary sewer system. The interceptors are designed with multiple compartments that cause the water velocity to decrease significantly as the water enters the unit. As the water flows from one compartment to the other, solids in the wastewater will flocculate and either float to the surface or sink to the bottom.

Wastewater moves into a second compartment through a piping manifold, which furthers the separation of solids. Neutral buoyant particles are then separated by an internal effluent screen and the filtered effluent discharges through an outlet.

An integrated alarm notifies operators when the interceptor reaches its maximum capacity. ParkUSA recommends installing a sample well downstream of the interceptor to test sedimentation content and interceptor performance.

Applications

Manufacturing • Food processing • Recycling centers • Healthcare • Car washes • Textile mills • Hotels • Agricultural



Full product catalog available at request.parkusa.com

System Components

Construction: Precast concrete, polyethylene, fiberglass, or steel construction available.

Interior Liner: Provide corrosion resistance, improved efficiency, and easier cleaning to extend interceptor life and performance.

Alarm Sensor: Detects full strainer basket.

Maintenance Panel: Emits audible and visual alarms to signify needed service.

Baffles: Slow water flow and cause debris to rise to the surface or fall to the bottom.

Access Covers and Sampling Ports: Provide easy entry for maintenance and cleaning.

Solids Collection Area: Holds debris until the interceptor is cleaned.



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