

CDS Technology Key Features

Applications

- Storm Water Treatment
- Combined Sewer Overflow Treatment
- Parking Lots
- Screen Dry – Weather Flow Diversions
- Vehicle Service Facilities and Corporation Yards
- Pretreatment for Wetlands, Ponds and Swales
- Pretreatment for media and Sand Filters & Infiltration Systems

Non-Blocking & Non-Mechanical

- Separation screen does not clog and requires no power or supporting infrastructure

Unobtrusive & Easy to Install

- Compact and below ground. Limited space requirement. Ideal for retrofit and redevelopment applications.

Low-cost, Safe & Easy Pollutant Removal

- Easy maintenance using vacuum equipment minimizing maintenance personnel exposure to hazardous materials.

Efficient

- Captures and retains all litter and debris greater than screen aperture
- Effective in capture and retention of fine sand and larger particles and the attached hydrocarbons

Large Flow Range

- 3 to 300 cubic feet per second (CFS)

Cost-effective

- Lowest overall cost per pound of gross pollutants removed

Improves Discharge Water Quality

- Separate solids and floatables from storm water runoff
- Removes free oil and grease. This feature can be further enhanced by the use of sorbents but sorbents are not required.
- Separate floatables and remove solids from combined sewer overflows (CSOs)