

Design Your Own Hydrodynamic Separator (DYOHDS™)



Hydrodynamic Separation Product Calculator

Jane Smith (external)

Project Name : Birmingham Gas Station

Site Designation : WQ

1 Project 2 Design 3 Treatment 4 Performance

System Sizing

Treatment System Options

CDS or Cascade Separator

User Selected Treatment System *

Cascade Separator

Learn More About Cascade Separator

Particle Size Distribution or D50 *

110

System Model

CS-4

Predicted Net Annual Removal Efficiency (%):

80.85

The peak flow rate exceeds the maximum capacity of the unit. The unit must be placed offline.
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Cascade Separator Features

Labels in diagram: Grate Inlet, Inlet Chamber, Multiple Inlets, Center Chamber, Flumes, Outlet Channel, Center Cylinder, Slanted Skirt, Sump, Drain Down Pipe, Outlet Window, Outlet Deck, Outlet Pipe.

Learn More:
www.ContechES.com/dyohds

Quickly prepare designs for estimates and project meetings ...

Engineers are always looking for new ways to quickly prepare designs for estimates and project meetings. Contech has developed an online tool to help with the hydrodynamic separation product selection process... the Design Your Own Hydrodynamic Separator (DYOHDS™) tool.

This free, online tool fully automates the process for identifying the proper hydrodynamic separator for your site.

Key Benefits:

- Multiple sizing methods available.
- Site-specific questions ensure the selected unit will comply with site constraints.
- Multiple treatment options may be available based on regulations and site parameters.
- Follow up reports contain a site-specific design, sizing summary, standard detail, and specification.

A free, online tool to aid in the selection of a hydrodynamic separation solution.