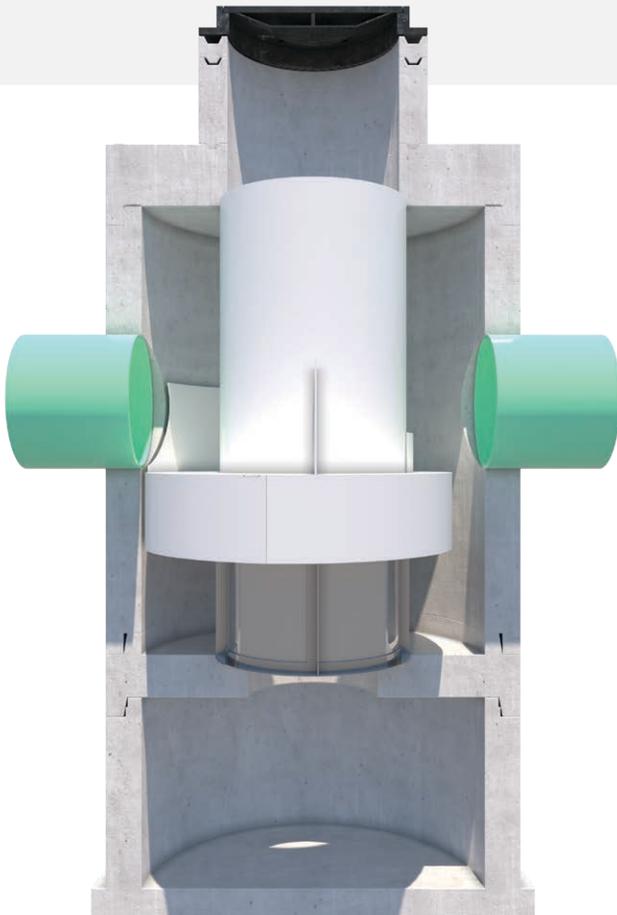


Hydrodynamic Separators

Full Capture, Screening, Swirl-Concentrating Stormwater Treatment Systems

Infrastructure
JENSEN



Jensen Deflective Separator

With no moving parts, the Jensen Deflective Separator (JDS) is uniquely able to screen trash and debris including floatables, and both neutrally and negatively buoyant materials, from stormwater, all without blocking the screen. The JDS also captures total suspended solids (TSS), oil, grease, and other total petroleum hydrocarbon (TPH) pollutants from stormwater runoff. Captured pollutants are retained without scouring, even under high-flow bypass conditions.



Design

- Leverage proven continuous deflective treatment process for full capture of 100% of trash and debris $\geq 5\text{mm}$.
- Treat large flow ranges from .7 to 83 cubic feet per second (CFS) with inline and offline units.
- Save with the most cost effective treatment method per CFS of stormwater as compared to other structural best management practices (BMPs).

Manufacture

- Meet full capture requirements with state certified treatment systems.
- Bid an equivalent system directly from the manufacturer to save time and money.
- Receive a complete package quote that includes all your precast sewer and storm drainage products.

Set in Place

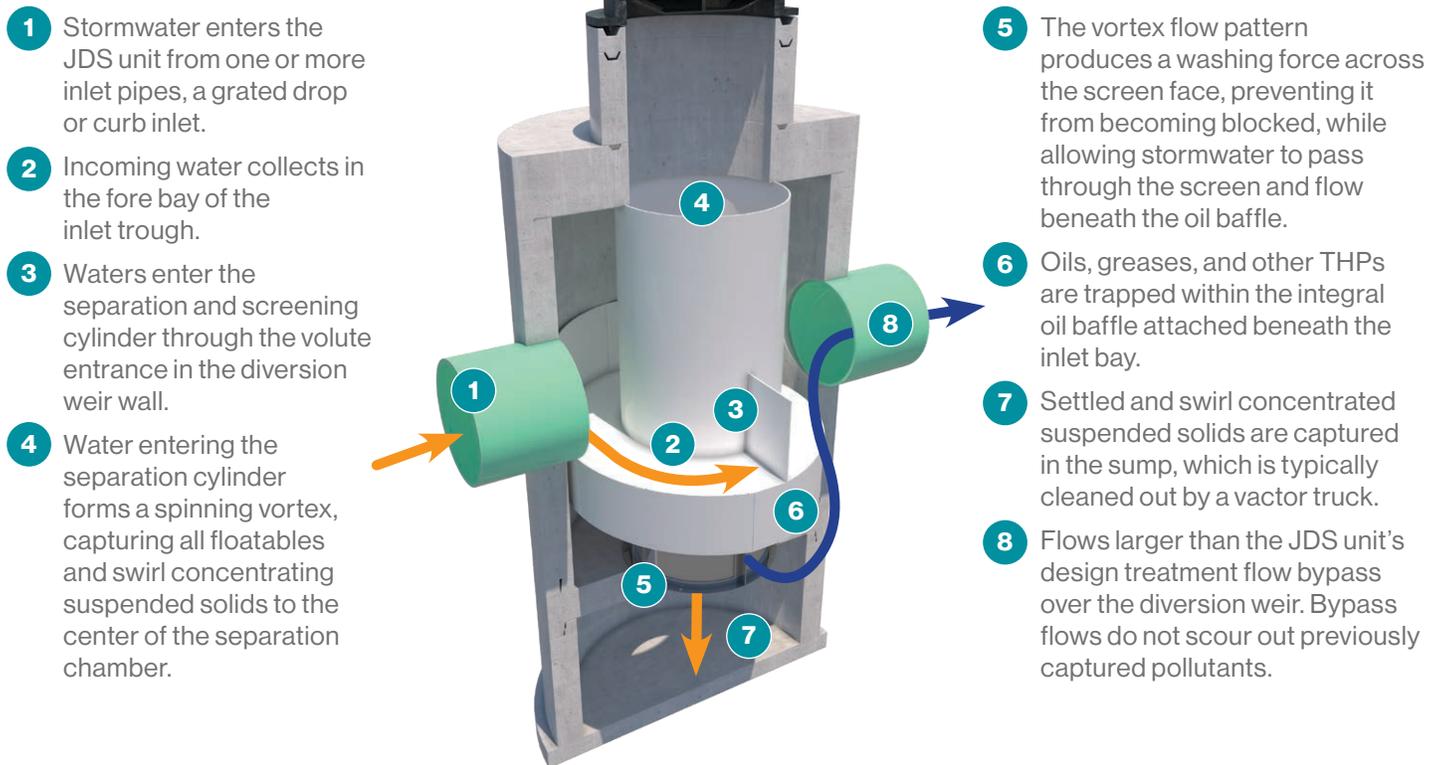
- Install using standard methods with a JDS unit configured inside a precast manhole set below grade.
- Maintain your system easily and safely by opening the unit through multiple large accessways and removing trash and debris with a standard vacuum truck.



JDS Removes 100% of Trash and Debris

Standard JDS Inline Unit

The JDS offers a unique non-blocking and non-mechanical screening process with no moving parts and no power requirements.



The California State Water Resources Control Board has certified the JDS system as a Full Capture System Device for Trash Treatment Control.



New Jersey Department of Environmental Protection Certified



New Jersey Corporation for Advanced Technology verified the JDS for 50% or greater TSS Removal.

