

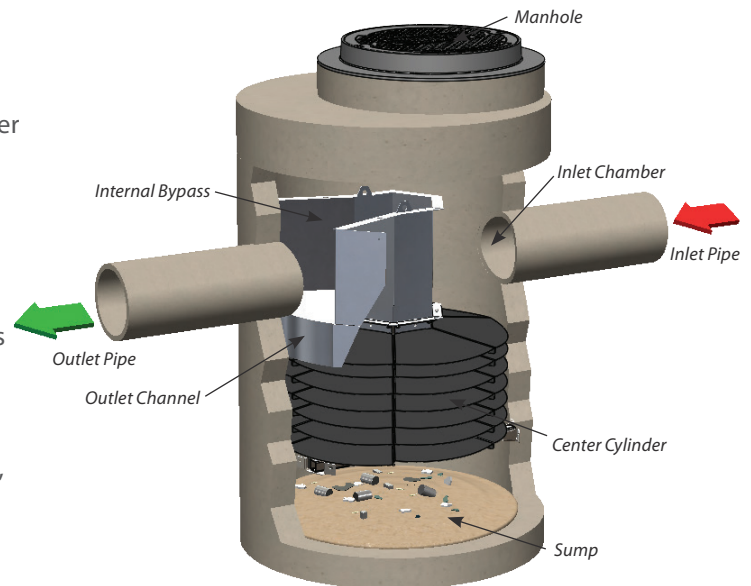
Advanced Sediment Capture Technology

NJDEP Certified for 50% TSS removal

The Saturn Separator™ is Contech's newest innovation in stormwater treatment, combining high-flow sediment capture with a compact footprint and easy, unobstructed access for maintenance.

What makes the Saturn Separator unique is its series of seven flow rings, which dissipate energy, prolong the flow path, and enhance sediment settling. The system is designed to handle high flow rates without scouring previously captured pollutants and includes an internal bypass for peak-flow storm events.

The result is a system that treats high flow rates in a small footprint, providing an efficient and economical solution for a wide range of sites.



FEATURE	BENEFIT	MANHOLE SIZE (FT)	TOTAL SUMP DEPTH	NJDEP 50% TSS MAX. TREATMENT FLOWRATE (CFS)
Unique flow rings	Superior TSS removal, reduced system size and costs	4	4.55	1.93
Internal bypass	Eliminates the need for a separate bypass structure	5	6.15	3.02
Clear access to sump and stored pollutants	Fast, easy maintenance	6	6.15	4.35
Inlet area accepts wide range of inlet pipe angles*	Design and installation flexibility	8	8.15	7.73
Accepts multiple inlet pipes*	Eliminates the need for separate junction structure	10	10.05	12.07
Grate inlet option*	Eliminates the need for a separate grate inlet structure			

*Alternate inlet configurations are subject to local regulatory requirements.

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