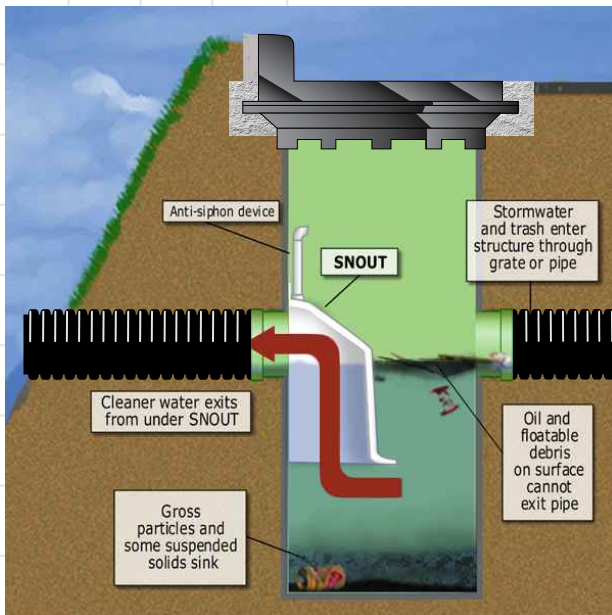




## Snout Structure

The Snout Structure is a Nyloplast catch basin with a plastic composite hood device attached to the inside wall of the catch basin structure designed to cover the outlet pipe in such a manner to prevent the exit of floating debris and oil.



### How the Snout Structure Works:

- Contaminated storm water is captured in the Nyloplast catch basin structure.
- Majority of floatable trash and debris, and some free oils and grease, separate from water and float to top.
- Portion of the suspended solids settle to the bottom.
- Cleaner water from beneath surface flows through outlet pipe.

### Snout Structure Benefits:

- Effective low cost simple solution for storm water treatment.
- Captures up to 95% of floatables, while providing significant capture of free oils and suspended solids.
- Easy to clean.
- Very low head loss.
- Highly corrosion resistant for long service life.
- Prevents siphoning of trapped contaminants.

### Snout Structure Specifications:

Catch Basin Diameter	Maximum Outlet Pipe	Minimum Sump
18"	12"	24"
24"	15"	30"
30"	18"	36"



### Flow Restrictor (optional):

- Controls discharge rate out of structure
- Provides clog-free quantity control



**Design Tip:** To increase water quality benefit, use a larger structure size for a smaller pipe, or increase the sump depth. A bigger deeper structure means more volume for settling and less frequent maintenance.

#### Maintenance:

Normal maintenance consists of routine inspection and rinsing with a hose or pressure washer during the cleaning sequence of the catch basin and flushing the anti-siphon vent with water or air to verify that it is clear. Trapped debris and sediments are typically removed with a vac truck.



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