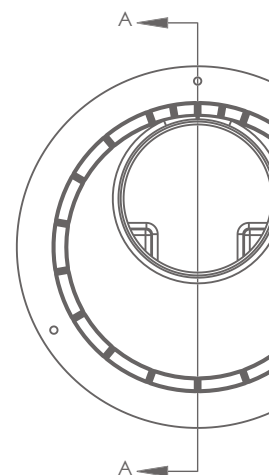
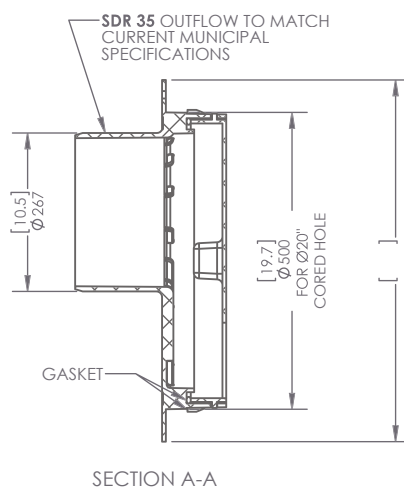


POINT OF ENTRY TRAP

THE **ONLY** CATCHMENT PRODUCT YOU WILL EVER NEED

The POET™ is designed to supplement existing catchment systems that offer inadequate pollutant control and replace oil/grit separators, which substantially increase drainage system costs and maintenance.

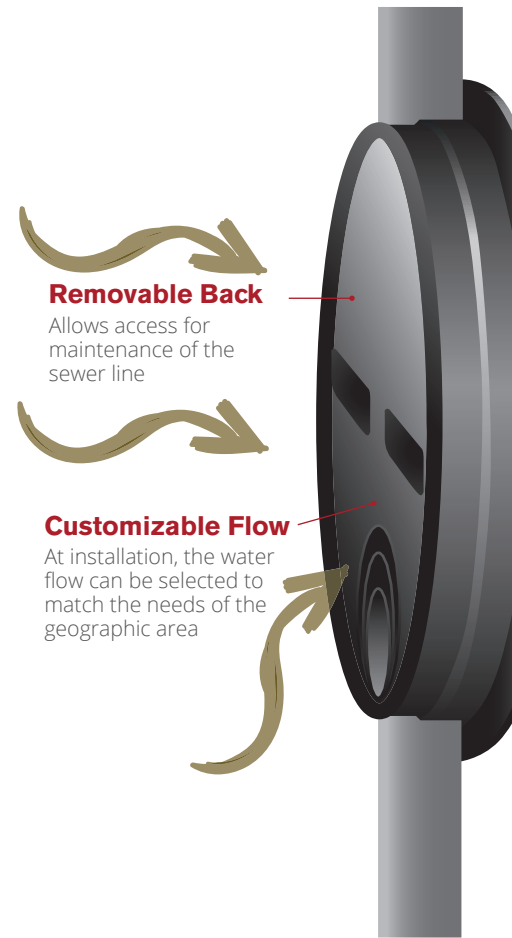


POINT OF ENTRY TRAP

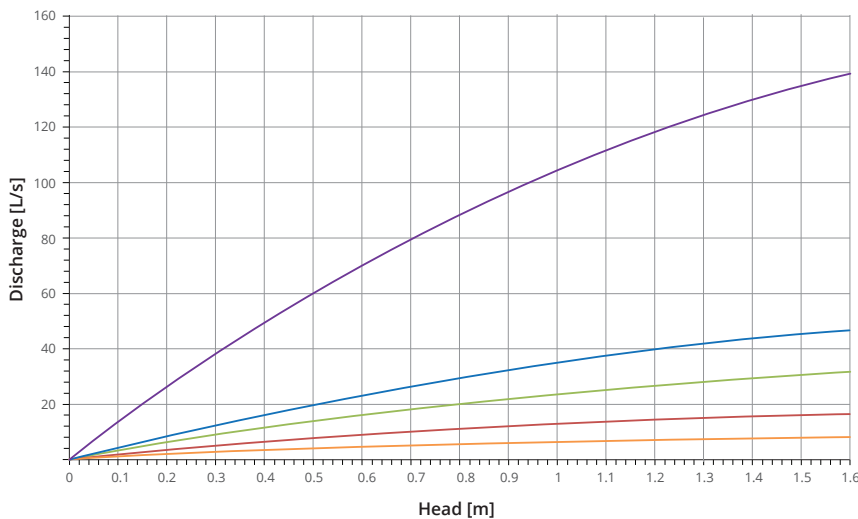
THE POET™ **ELIMINATES** OIL AND SEDIMENT FROM STORM WATER, REMOVING POLLUTANTS BEFORE THEY ENTER A MAIN DRAINAGE SYSTEM

Composed of high-density polyethylene structural foam, the POET™ is lightweight and sturdy. It is engineered for performance and designed for simplicity. Installation is effortless - place it in the catch basin outlet and complete construction.

Excessive sediment in a drainage system obstructs water flow, wreaks havoc with water quality and quantity ponds, impairs the infrastructure, and risks the health and safety of wildlife.



POET CALIBRATION CURVES



*Head is measured from the invert of the outlet to the surface water in the catch basin

—	Ø50mm Orifice
—	Ø75mm Orifice
—	Ø100mm Orifice
—	Ø125mm Orifice
—	280mm x 136mm Equivalent Orifice

POET SEDIMENT CAPTURE RATE

Particle Size	Capture Rate
Larger than 4.750 mm	100 %
2.360 mm to 4.750 mm	98.7 %
1.180 mm to 2.360 mm	92.2 %
0.600 mm to 1.180 mm	85.2 %
0.300 mm to 0.600 mm	69.6 %
0.150 mm to 0.300 mm	63.8 %
0.075 mm to 0.150 mm	34.4 %
Smaller than 0.075 mm	Marginal



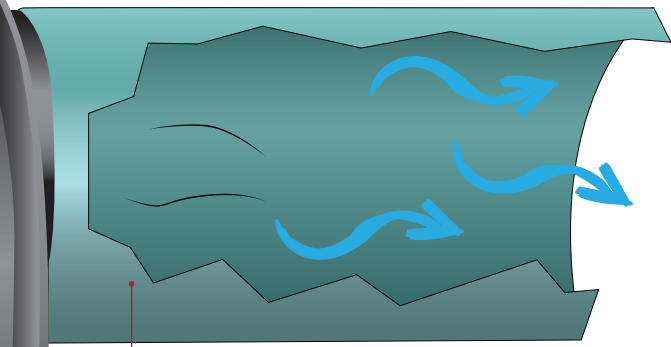
Economical Solution

Trap waste without excessive cost. Lower the cost of pollution control by enhancing the performance of catch basins



Low Maintenance

Easily remove trapped oil and sediment during routine catch basin maintenance

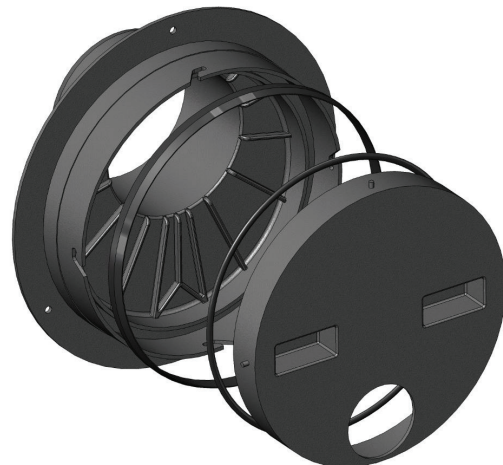
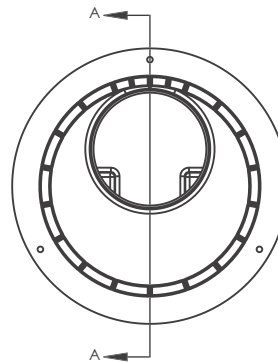
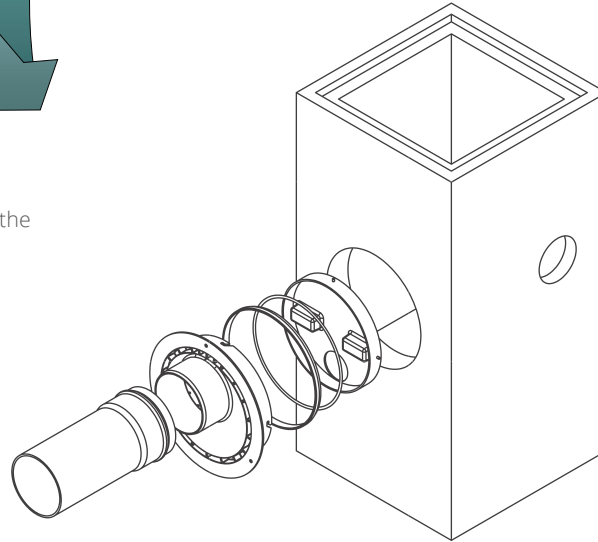
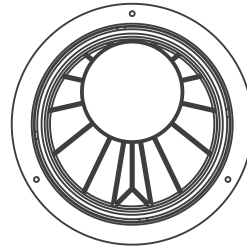


Flexible Connector

The POET™ connects the catch basin to the outlet pipe, reducing labour costs

Installation

POET™ fits into standard municipal and OPSD catch basins that have a flat wall



Source Control

Remove oil, sediment and floatables before they leave the catch basin and protect the drainage system



Environmental Protection

Use the POET™ to reduce the destructive effects of heavy rainfalls. Prevent downstream flooding, erosion and combined sewer overflows by restricting discharges to the storm sewers



High Assurance

Catch Sediment.
Trap Odors.
Capture Floatables.
Restrict Flow.

- Capture rates are based on a flow rate of 9 L/s through the POET™
- Sand used to determine capture rates conforms to OPSS 1004 "Sand for Winter Sanding". 82.5% of total sample was captured
- Particle size, shape and density affect capture rates. Sand used to determine capture rates is from a source near Edgar, Ontario

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