

# The calm *during* the storm

When it rains, oils, sediment and other contaminants are washed from paved surfaces directly into our storm drains and waterways. Non-point source pollution such as stormwater now accounts for 80% of water pollution in North America and governments are responding with demanding regulations to protect our water resources.

## Removing more pollutants

Stormceptor removes more pollutants from stormwater than any other separator.

- Maintains continuous positive treatment of total suspended solids (TSS) year-round, regardless of flow rate
- Designed to remove a wide range of particle sizes (from 20 to 2,000 microns), as well as free oils, heavy metals and nutrients that attach to fine sediment
- Can be designed to remove a specific particle size distribution (PSD)

## A calm treatment environment

- Stormceptor slows incoming stormwater to create a non-turbulent treatment environment, allowing free oils and debris to rise, and sediment to settle
- Patented scour prevention technology ensures pollutants are captured and contained during all rainfall events, even extreme storms

## PCSWMM for Stormceptor – leading the industry

The most accurate, easy to use design tool available.

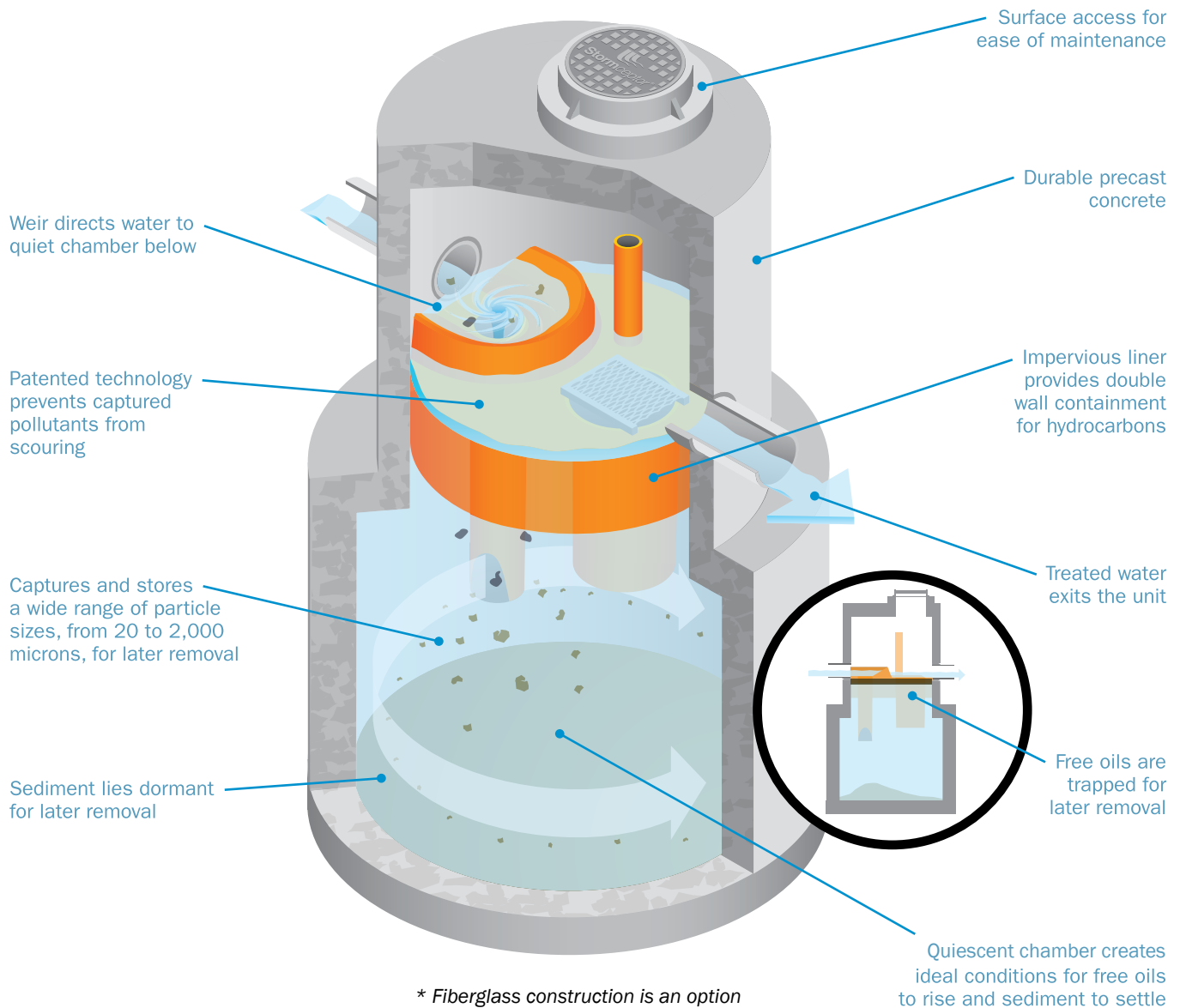
- This continuous simulation modeling software combines up-to-date local rainfall data from hundreds of stations across North America with a selection of particle sizes to design the best system for your site
- Developed with Computational Hydraulics International (CHI), internationally acclaimed expert, Dr. Bill James and Imbrium Systems

## Proven performance

- Recent tests conducted for the New Jersey Department of Environmental Protection (NJDEP) found Stormceptor has the highest TSS removal rate of seven stormwater treatment technologies tested
- Stormceptor STC has been verified not to resuspend previously captured pollutants by NJCAT and an independent testing body
- Stormceptor STC is entering into Tier II of the TARP Program (administered by NJDEP)
- Stormceptor's performance is backed by Canada's stringent Environmental Technology Verification (ETV) Program

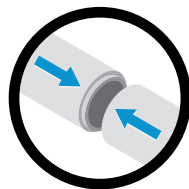
With over 25,000 units operating worldwide, Stormceptor performs and protects every day, in every storm.

# The calm during the storm



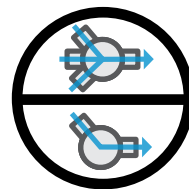
## Easy to install

Small footprint saves time and money with limited disruption to your site.



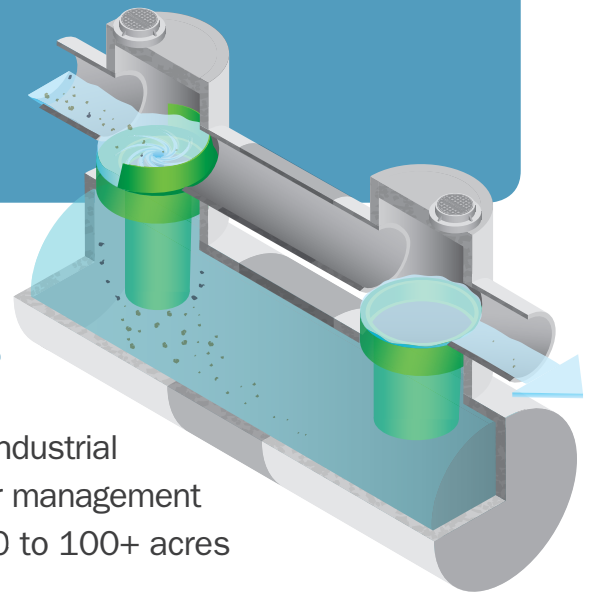
## Seamless

Minimal drop between inlet and outlet pipes makes Stormceptor ideal for retrofits and new development projects.



## Flexible

Multiple inlets can connect to a single unit. Can be used as a bend structure.



## One system for your large stormwater capacity needs

The StormceptorMAX responds to the needs of large-scale industrial and residential areas which may require a single stormwater management device. It provides stormwater quality treatment for areas 20 to 100+ acres and industrial spill volume capture of 15,000+ gallons.

One StormceptorMAX can provide protection for an entire neighbourhood, a full-scale industrial plant or other large developments.

### Unique, comprehensive site coverage

- Increased sedimentation chamber extends horizontally rather than vertically
- Non-turbulent treatment environment allows oil to rise and sediment to settle
- Industrial spill protection in dry and wet conditions
- Patented scour prevention technology contains captured oil and sediment for secure storage and easy removal
- Ideal for industrial or residential sites with established infrastructure

### Design flexibility

- Modular and expandable, depending on the site's size and water quality objective
- Lower chamber can be constructed of different materials, depending on site conditions
- May be used as part of a stormwater treatment train, complimenting BMPs such as ponds or swales

### Unit sizing based on PCSWMM for Stormceptor

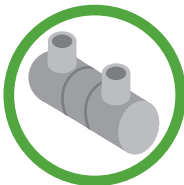
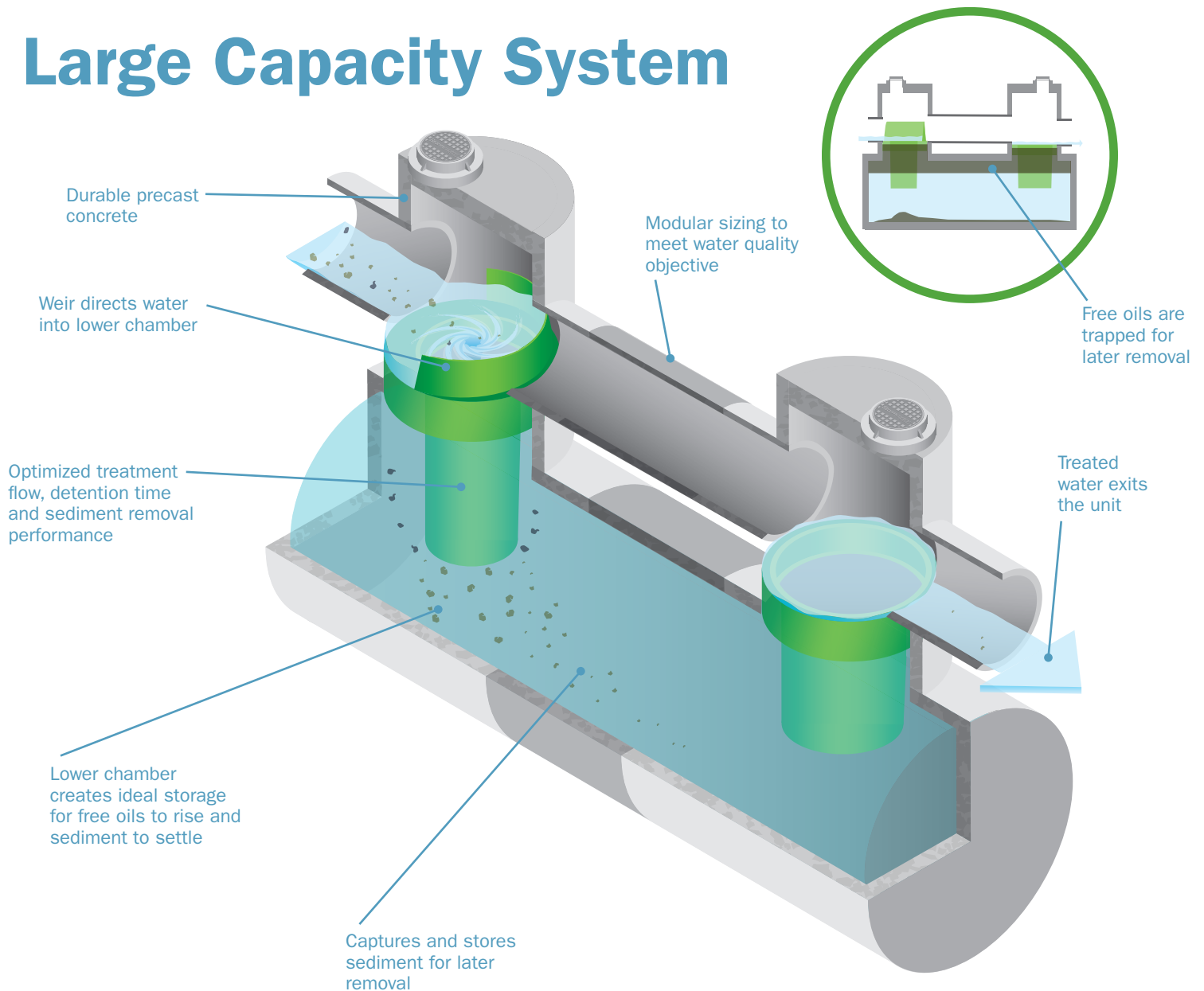
- Industry-leading continuous simulation modeling software uses site conditions to project the frequency and intensity of runoff to determine the best system for your site

### It's still a Stormceptor

- Continuous positive treatment of total suspended solids (TSS) in stormwater runoff year-round, regardless of flow rate
- Industry-leading reputation for efficiency and reliability

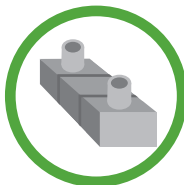
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## Large Capacity System



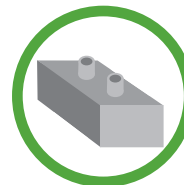
### Pre-Cast Pipe Construction

Reliable and easy to install



### Pre-Cast Box Construction

Larger volume-to-length ratio allows for treatment in a smaller footprint



### Cast-in-Place Construction

Flexible and built to suit various projects