STORMWATER MANAGEMENT SOLUTIONS

StormTrap offers the industry’s best solutions for managing runoff, protecting waterways and improving the use of your property. Whether you are concerned about detention, retention, water quality or water harvesting, StormTrap has a design that will reduce your footprint, accommodate any site constraints, lower overall costs and meet your specific project needs.

**SingleTrap**
A durable stormwater management system customized to your site’s exact requirements, ideal for working in an extremely limited space while preserving land above for parks, buildings or parking lots.

**DoubleTrap**
The stormwater management solution you need to control runoff volume and discharge timing. Its modular design maximizes storage volume while minimizing footprint and installation cost.
STORMWATER APPLICATIONS

Detention
StormTrap underground stormwater detention systems temporarily store runoff in large underground chambers before releasing it at a controlled rate. This mitigates erosion, flooding and many of the other harmful effects of high volumes of stormwater runoff.

Infiltration
The StormTrap infiltration system provides a large infiltrative surface area that allows water to recharge into the native soil. The system can also help meet low impact development (LID) goals by reducing the volume of stormwater runoff discharged from a site.

Treatment
StormTrap is committed to improving stormwater quality by deploying our range of treatment products that target your pollutant issues with integrated or stand-alone solutions.

- **Filtration**: Sandfilters use various media to remove pollutants such as nutrients and heavy metals
- **Sedimentation**: Remove suspended solids with systems customized for your particle size and flow rate
- **Oil/Water Separation**: Baffle chambers eliminate hydrocarbons from runoff
- **Litter, Trash and Debris Removal**: Disposable mesh nets efficiently capture and remove trash and floatables from Stormwater and CSO discharges

Reuse and Harvesting
StormTrap offers rainwater harvesting applications that collect stormwater on site for use in irrigation or as greywater inside buildings.

These sustainable stormwater management practices adhere to low impact development (LID) principles for runoff reduction and also contribute to LEED (Leadership in Energy and Environmental Design) design credits for Sustainable Sites and Water Efficiency.
## SIGNIFICANT ADVANTAGES

<table>
<thead>
<tr>
<th>Increase Options</th>
<th>Lower Costs</th>
<th>Minimize Maintenance</th>
<th>Streamline Design and Installation</th>
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<tbody>
<tr>
<td>Sizes ranging from 11&quot; to 15'0&quot;</td>
<td>Installed savings compared to traditional systems</td>
<td>Total accessible void storage for easy maintenance</td>
<td>Structural stamp on each project</td>
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<tr>
<td>Designed to exceed HS-20 loading with minimum of 6&quot; cover</td>
<td>Innovative design allows quick and efficient installation</td>
<td>Reclaim 100% of original storage volume</td>
<td>Budget estimate for system and installation</td>
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<td>Locally manufactured in a NPCA (National Precast Concrete Association) certified facility</td>
<td>Reduced labor and excavation costs</td>
<td>High-strength precast concrete provides up to 100 years of service life</td>
<td>Complete set of drawings</td>
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<td>Modular design maximizes storage volume while minimizing footprint and cost</td>
<td>Meets water quantity requirements without compromising land use</td>
<td></td>
<td>Pre-construction meeting</td>
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<td>Representative on site during installation</td>
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FLEXIBLE AND ADAPTABLE DESIGNS

Unique Configurations
Flexible, modular design easily accommodates existing utilities, light pole foundations, trees and other job site constraints.

Varying Heights
Made of reinforced, high strength concrete available in sizes ranging from 1’1” to 15’0”.

Integrated Applications
Integrated solutions, such as the SiteSaver water quality device or outlet control structures.

Schedule a lunch and learn, download product specifications, or request a free Design & Budget estimate to get your project started!