




UNDERGROUND DETENTION & STORAGE SYSTEMS

A photograph of a construction site. In the foreground, a large, dark, grid-like mat is being laid out on the ground. Several workers wearing high-visibility vests and hard hats are visible, some standing on the mat and others near piles of sand or dirt. In the background, there are construction vehicles, including an orange excavator, and a large industrial building under a cloudy sky.

Tired of Losing Valuable Land to Stormwater Ponds?

OUR APPROACH:

Construction EcoServices has a reputation of leadership in bringing the most innovative technologies available to the stormwater marketplace. We believe that with every solution delivered, we must raise environmental compliance while lowering overall cost. We understand that no solution is a one size fits all when trying to eliminate your real estate devouring detention pond. This is why we have not one, but two very different storage solutions. Our objective is to give you more revenue generating land. Let our team of experts assist in the design of your next underground detention or rainwater harvesting system.

WHERE THEY ARE USED:

- Below
 - Parking lots
 - Streets, access roads and driveways
 - Landscaping
 - Athletic fields and playgrounds
 - Swales and channels
- Infilling existing detention ponds to create new parking or parks
- Rainwater harvesting storage

ADVANTAGES OF USE:

- Flexible and cost-effective
- Reduction of stormwater runoff into the storm sewer systems.
- Extended storage and controlled release of collected stormwater.
- Ideal for areas with limited available space or unusual shapes or where land is expensive.
- System installation can be accomplished quickly using prefabricated systems.
- Durability and long life.
- Can vastly improve a property's aesthetics, as systems are underground and out-of-sight
- Reduced tax burden on non-revenue generating land

STORMWATER MANAGEMENT DONE RIGHT

The Right Solutions | The Right Way | The Right Reasons
www.ecosvs.com

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High-Volume, Low-Cost System

When low-cost is the key consideration, an Arched Chamber System is ideal. StormChamber® stormwater chambers are less expensive, quicker and easier to install than other types of underground stormwater chamber systems. The side-portal feed provides greater flexibility in engineering and hydraulic design, eliminating circuitous routing of feed pipes from inlet structures to entry point of a header pipe.

StormChamber® significantly exceeds the storage capacity of existing plastic chambers by over 40%, resulting in a need for fewer chambers, less stone, less filter fabric, less excavation, and approximately 50% less time to install. The side portal feeds eliminate the need for expensive header pipe systems currently used to manifold storm water effluent into rows of chamber systems.

Need More Information?

www.ecosvs.com/docs/1001



Highly Flexible, Space-Saving System

When design flexibility is critical, we have the answer in our modular system R-Tank®. R-Tank® stormwater modules provide underground storage for runoff and can be used in detention, infiltration, and rainwater harvesting applications. After a rain event fills the R-Tank®, stormwater will either be routed to the drainage system, be recycled for irrigation or infiltrate into the ground.

When space is at a premium and the smallest possible footprint is needed to free up space for utilities and other site elements, R-Tank® is 95% efficient, making it the perfect option. And with module heights ranging from 2" to nearly 7', there is sure to be a tank that will fit your needs.

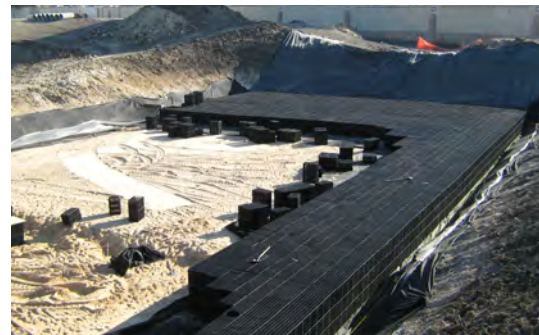
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Why StormChamber?

- Exceeds AASHTO H-20 wheel load rating by 3x
- Efficient and cost-effective
- Easy, quick and inexpensive to install
- Replicates pre-construction hydrology
- Helps obtain up to 18 LEED points



Why R-Tank?

- High capacity with 95% void space
- Modular design allows for simple field adjustments
- Exceeds AASHTO H-20 wheel load
- Small footprint
- Shallow outfalls
- Lightweight and quick to install
- Helps to Obtain up to 18 LEED Credits

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