

Nyloplast® EcoWell™

Deep Infiltration System

Lightweight Strength. Faster Installs. Zero Corrosion.

EcoWell combines innovative engineering with the proven performance of ADS products to deliver an integrated stormwater solution that simplifies installation, enhances water quality, and supports sustainable site development. From pretreatment to infiltration, EcoWell is engineered to perform today while protecting infrastructure for tomorrow.

Why Choose EcoWell

Engineered to deliver more than infiltration, Nyloplast EcoWell combines advanced pretreatment, lightweight polypropylene construction, and flexible system configurations into one integrated stormwater solution. Designed for engineers, contractors, and owners alike, EcoWell helps simplify installation, improve long-term performance, and support sustainable stormwater management.

Smarter Stormwater Starts Here

EcoWell is designed to do more than collect runoff—it helps manage it efficiently. By combining effective pretreatment with deep infiltration, the system addresses both stormwater quality and quantity in one integrated solution, helping maximize long-term hydraulic performance.

Engineered to Perform, Built to Infiltrate

Not all drywell systems are created equal. EcoWell was designed specifically to manage stormwater efficiently by combining effective pretreatment with deep infiltration. By addressing both water quality and water quantity in one integrated system, EcoWell helps maximize infiltration performance while supporting long-term reliability.

Built for Faster Installation

Designed with contractors in mind, EcoWell's lightweight Polypropylene & PVC components are easier to transport, handle, and install than traditional precast systems. The modular design provides greater flexibility in the field while reducing equipment needs and installation time.

- Lightweight Polypropylene construction
- Faster installation
- Reduced equipment requirements
- Easier field adaptability



Protect Performance from the Start

The key to long-lasting infiltration is keeping sediment out of the system. EcoWell offers multiple pretreatment options that capture sediment, debris, and floatables before they reach the infiltration chamber, helping preserve system capacity while reducing maintenance.

Flexible By Design

Every project is different, and EcoWell is built to adapt. Multiple chamber configurations, pretreatment options, pipe connections, and installation depths allow engineers to design solutions that fit the unique needs of each site.

Long Service Life

Durable engineered thermoplastic designed for underground infrastructure applications. Covered by ADS warranty you trust.

Manufactured from corrosion-resistant Polypropylene materials, EcoWell is designed to perform for decades in demanding underground environments. Combined with effective pretreatment, the system helps minimize lifecycle maintenance while delivering dependable long-term performance.

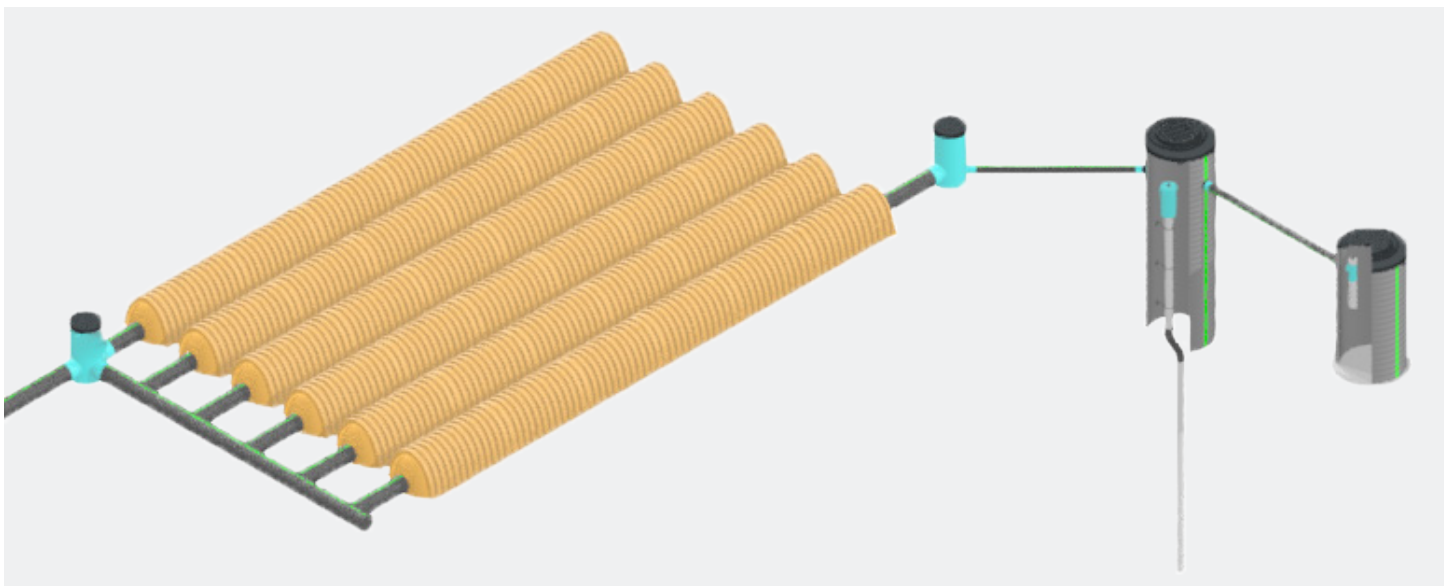
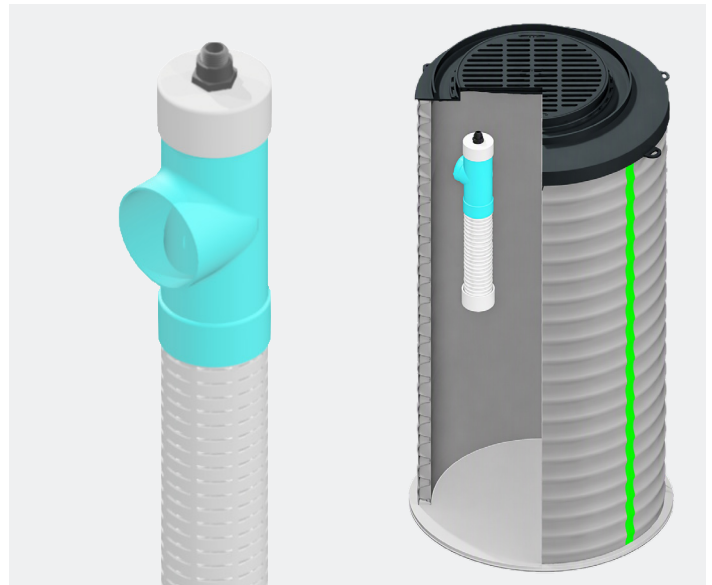
One System. One Solution

EcoWell is part of a fully integrated ADS stormwater portfolio. It works seamlessly with Nyloplast drainage structures, StormTech®, EcoPure®, EcoStream®, and ADS pipe systems to provide a coordinated solution from surface collection through infiltration.

UDF-800



SDF-600



Complete Your EcoWell Project Details

Provide your project information using the form below, and our team will review your requirements to determine if the EcoWell solution is the right fit for your application

Sediment Basin Information

Sediment Basin Depth = Ft

ADS requires a maximum 48" (1,200 mm) structure depth no greater than 15' (4.5 m). Additional structure may be required depending on site and maintenance requirements.

Inlet Pipe Diameter for Sediment STR = Ø

Inlet pipe connection diameter may vary depending on site conveyance requirements. Pipe type may vary but N-12® is recommended. See 48" (1,200 mm) HP structure shop drawing for structure requirements.

EcoWell Structure Information

Injection Type Diameter = Ø

Diameter of injection pipe is determined by expected storm flows, infiltration rate into surrounding backfill, etc.

Injection Pipe Depth = Ft

Depth of injection pipe can vary. The depth is to be determined by site design engineer, expected storm flows, and depth at which stormwater is needing to be stored.

Drywell Basin Depth = Ft

Depth of 48" (1,200 mm) diameter drywell structure may not exceed 20' (6 m). Height to be determined by site engineer and needed storage volume to allow water to infiltrate stone backfill over a given period time.

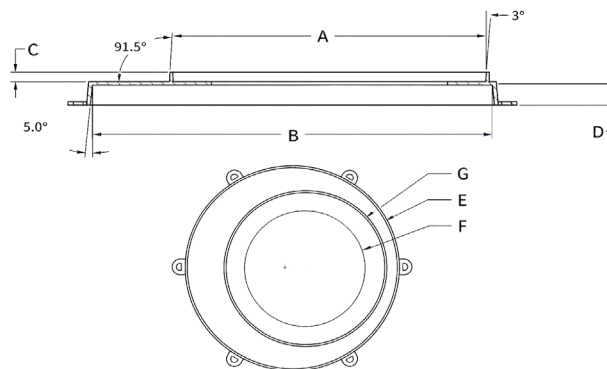
30" (750 mm) Frame and Cover with Ductile Iron Reducing Top



48" x 30" (1,200 mm x 750 mm) Ductile Iron Reducing Top General Dimensions



Dimensions in (mm)	
A	42.25 (1,073.15)
B	54.40 (1,381.76)
C	1.50 (38.1)
D	3.00 (75)
E	R27.80 (706.12)
F	Ø32.00 (800)
G	Ø42.25 (1,073.15)



Installation and Design Requirements

Nyloplast EcoWell Dry Wells and other components provided must be designed taking into consideration local soil conditions, traffic loading, & other applicable design factors such as percolation rates through soil and stormwater runoff. For further questions or concerns, please contact Nyloplast.

Nyloplast EcoWell Components

1. Nyloplast 30" (750 mm) Ductile frame and grate (style of casting may vary upon request)
2. Nyloplast 48" x 30" (1,200 mm x 750 mm) ductile iron reducing top
FlexStorm Filter Inlet Protection (optional)
4. ADS 48" (1,200 mm) HP polypropylene structure (Nyloplast drain basin with Envirohood can be substituted for 48" (1,200 mm) HP structure as sediment basin)
5. Debris trash screen with anti-siphon (provided)
6. Cleartec oil absorbent pillow provided by FlexStorm
7. Minimum 6' (1.8 m) diameter drilled shaft (provided by others)
8. Overflow drain standpipe (6" (150 mm) PVC min)
9. ADS Geotextile infiltration barrier
10. ASTM D2321 Class I material $\frac{3}{8}$ " - $1\frac{1}{2}$ " (9.5 mm - 38.1 mm) washed clean gravel pack is highly recommended/provided by others
11. Minimum 4' (1.2 m) diameter drilled shaft (provided by others)
12. 10' (3 m) deep injection screen (Min Ø 6" [150 mm] slotted PVC pipe to be provided by ADS)
13. Nyloplast fabricated tee with slotted PVC pipe and anti-siphon orifice cap (Nyloplast Envirohood approved equal)
14. Inserta Tee connections (Extended spigot available if internal components are required)
15. Optional water based slurry mix (6' [1.8 m] max from grade)
16. ADS dual wall propylene structures available for dry well structures 10' (3 m) or less
17. ADS lateral pipe connection (size may vary)
18. ADS HD single wall pipe with Fernco couplers to adjust location for injection pipe inside drywell
19. For traffic applications, concrete collar is required to support traffic loading. See typical 48" HP structure detail for manufacturers recommendation for minimum dimensions.

