

HYNDS STORMWATER



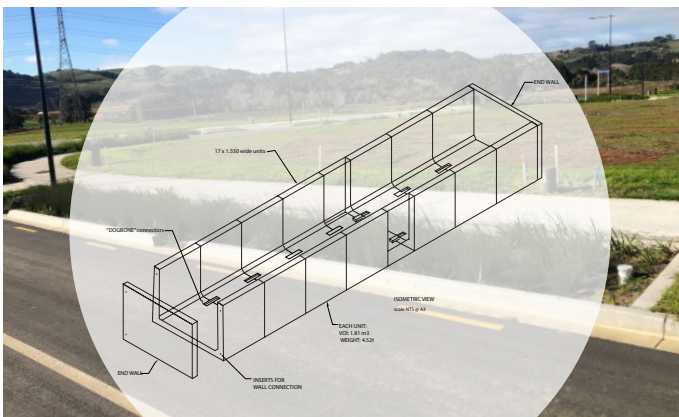
hyndsstormwater.co.nz | 0800 93 7473

PRODUCT RANGE

Bio-Treatment

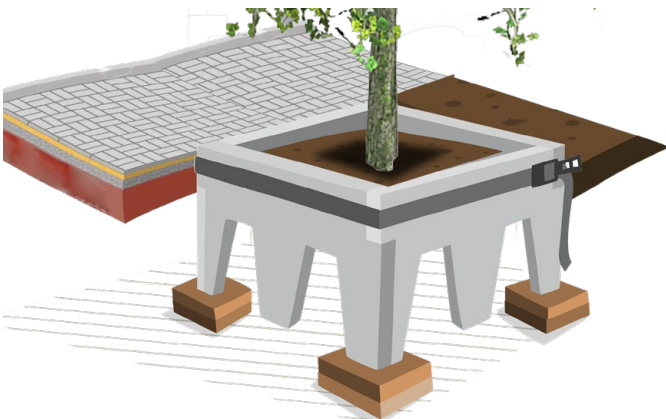
Bio-Swales | Raingardens | Tree-Pits

Bio-Retention Treatment involves a combination of infiltration and filtration devices. Stormwater is directed into the Rain Garden Surround where it soaks into an organic, engineered filter medium such as topsoil or compost. Hynds Bio-Retention Treatment offer a selection of sound precast structures that will allow storm water to be effectively collected and treated in sites of any size or shape



Hynds Bio-Swale - Channel Raingardens

Precast Channel gardens are designed to enable economical use of bermside stormwater treatment. The contiguous form allows for conveyance design as a bioswale.



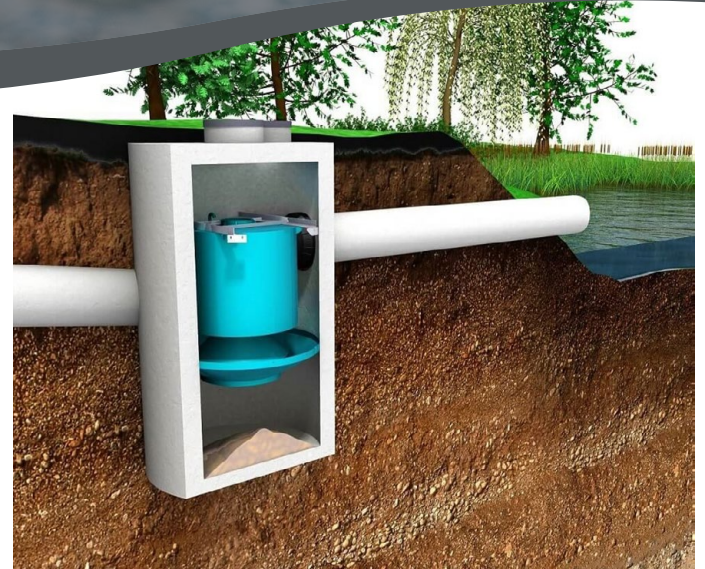
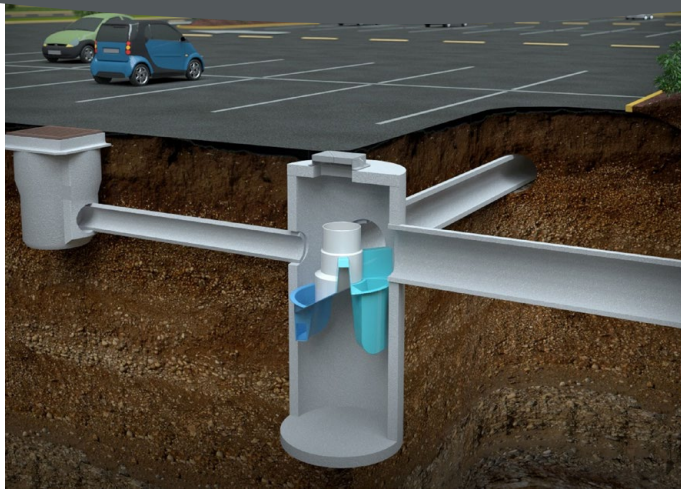
Hynds Bio-Surround - Tree-Pit

Tree-Pit (coming late 2023) offers a practical and effective solution for planting trees in hard



Hynds Bio-Surround - Box-Raingarden

Designed as the go-to off the shelf standard infrastructure solution for on-site bio-filtration.



The First Defense® High Capacity

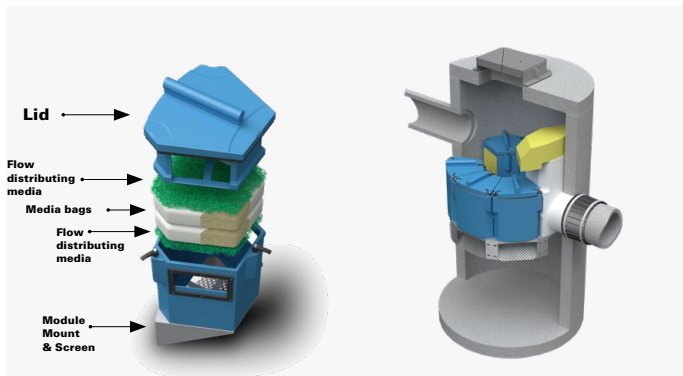
The First Defense® High Capacity is an enhanced vortex separator that combines an effective stormwater treatment chamber with an integral peak flow bypass. It efficiently removes sediment total suspended solids (TSS), trash and hydrocarbons from stormwater runoff.

- Removal efficiencies exceeding 80% on particulate contaminants down to 75 micron
- A simple solution for your trickiest sites

Downstream Defender®

Downstream Defender® uses a vortex which is induced from the incoming tangential flow. Pollutants are directed towards the sump of the chamber while treated flow travels around the inner annulus to the outlet

- Remove up to 60-90% Total Suspended Solids (TSS) with a mean particle size of 150 microns
- Water quality all rounder, removing sediments, floatables, oils and grease



Up-Flo® Filter

Up-Flo® Filter combining a patented upwards flow path with a unique drain-down system to achieve proven removal efficiency of fine sediment, nutrients, metals, oils, organics, and organic trapped bacteria.

Designed to remove 90% TSS down to 20 microns
Auckland Council PDEP Approved for GD01 treatment outcomes

Sand Filters

Sand Filters capture settleable solids, floatables, and oils and grease from stormwater runoff. Auckland Council TP10 compliant, which makes them simple to specify and easy to approve.

Enviropod

Designed as an easy low cost solution to sites and environments that require the removal of sediments, gross pollutants and a reduction of particulate bound heavy metals, oils and grease from entering into the downstream stormwater or waterways.



Stormshield

The Stormshield is a stormwater filter that is manufactured from resilient materials and is easily maintained from surface or street level. The media pack is simply removed and rinsed. Effective source treatment. Removes gross pollutants. High treatable flow rate

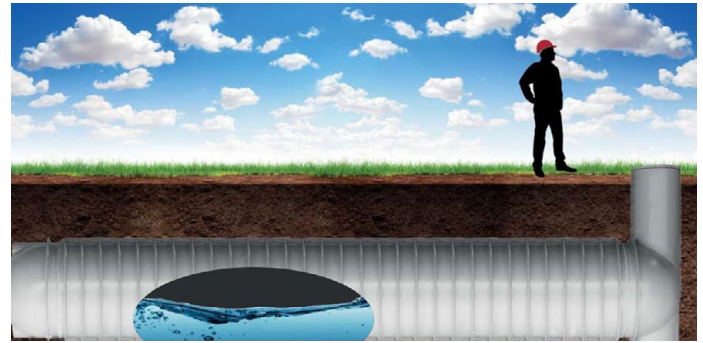
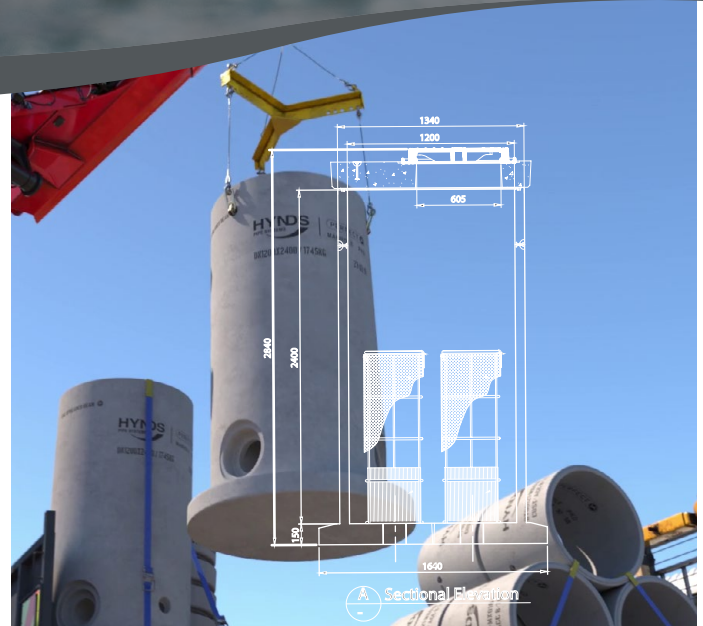


Hynds Soakage Manhole

The Hynds Soakage Manhole is a packaged offering of the GD07 Rockbore soakage to ground design.

The Hynds Soakage Manhole provides a plug and play option for installers, minimizing manhole entry and onsite work.

- Small footprint
- Utilizes existing environment
- Low Cost solution
- Suitable for soakage rates greater than 0.5 L/min/m²
- Delivered to site pre-assembled and ready for installation



EcoBloc

High performance system for managing rain water infiltration, stormwater attenuation and rain water harvesting. The EcoBloc system provides high storage volumes, long service life and easy installation.

Stormvault

Stormvault is a light weight retention and detention system which is manufactured from the highest quality of polyethylene.



Hynds Retention Tank with Mul-T-Level™ Outlet

Comprising reinforced concrete pipes with rubber ring joints. The RJ retention tank usually comprises a spigot – plugged pipe, standard intermediate pipes and a collar-plugged pipe.

Pinnacle® Sealed Box Culvert Chamber

The new Pinnacle® Sealed Box Culvert System is the first box culvert in New Zealand with a watertight rubber ring joint. Sealed end units to form chamber storage

- Available in a wide range of sizes and strength options
- Sealed joint tested and rated to 50kPa (5m head)

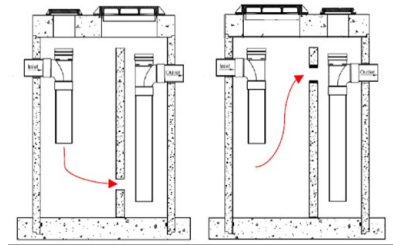
Runoff Management

Oil Separation/Interception

Hynds Oil and Grit Interceptors

Hynds Oil and Grit Interceptors offer a simple and effective solution to separate and retain oil and grits from lightly contaminated wastewater or stormwater prior to discharging to downstream pipe networks.

- Multiple configurations for different applications;
 - Garages, Driveways, Paved parking areas, Heavy duty application



API Oil and Water Separator

The API oil and water separator is a secure and reliable spill management system designed to separate hydrocarbons from stormwater.

In the event of an accidental spillage the integrated butterfly shut-off valve will be manually closed to eliminate the risk of spilt hydrocarbons entering the stormwater network. The system has an emergency storage capacity of 2500 litres and separate free oil from water to <15ppm (mg/L).



Smart Chamber

Smart Chamber Configuration; dual chamber includes Smart Sponge®

- Can remove up to 95% of hydrocarbons present in stormwater runoff, typically in the range of 5 to 30mg/L (ppm).
- Garages / truck wash down areas, service stations



AquaFix

The AquaFix is a very proven spill management system designed to separate hydrocarbons in stormwater. The device offers emergency storage with an automatic shut off valve for accidental spills plus a coalescing media for day to day use <5ppm(mg/l).



Flow Control

Backflow | Velocity | Diversion

Enviro-valve

EnviroValve is a trusted diversion valve system designed for sites that require the separation, discharge or containment of stormwater and trade waste.



WaStop®

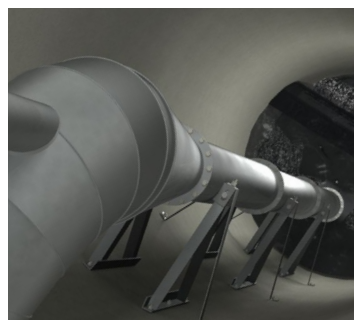
The Wastop® unique patented construction stops backflow in drains, providing flood and odour protection.

- Very low head loss
- Quick installation into new and existing drains or chambers
- Low maintenance and low operation costs



Hydro-Brake® Drop

Hydro-Brake® Drop is a self-activating conveyance and flow control system that dissipates the energy of dropping water, enabling customers to convey water from great heights while preventing the damage and nuisance effects associated with falling water.



Hydro-Brake® Optimum

The Hydro-Brake® Optimum vortex flow control provides customised water quantity management for surface, foul or combined water across a wide range of flows and for a variety of applications.

