



5-Step System

1. Problem Identification
2. Site Investigation & Analysis
3. Engineering a Solution
4. Installation
5. Acclimation & Results



SCAN ME



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Exlterra

GEPS

Smart Water Management

An Exlterra invention to solve [standing water](#) and [groundwater](#) problems

Exlterra

GEPS

Smart Water Management

Groundwater Energy Passive System

Unique Function

The GEPS is designed to establish a balance in soil moisture, allowing water to travel vertically through the soil.

GEPS opens endless possibilities for storm water professionals, green keepers, civil engineers, and residential homeowners with areas of excessive or deficit of water.

Unique Benefits

Improved Infiltration

GEPS maximizes natural water infiltration instead of just moving water into stormwater/sewer systems.

Enhanced Subsoil

Soil moisture is better managed by allowing water free vertical movement, improving groundwater and preventing common groundwater issues.

Sustainable Technology

GEPS does not require an external power source and is made from environmentally safe, high quality polyethylene.

Continuous Operation

Without the need of an external power source or continuous maintenance, GEPS will operate indefinitely.



Applications

How can GEPS be used?

GEPS can be used to **improve drainage** to infiltrate standing water, **manage soil moisture** to protect underground infrastructure, or **recharge water depleted soils** to replenish wells and rejuvenate rivers.

Who can use GEPS?

Residential, commercial, and public works can all find uses for GEPS!

- | Residential | Commercial | Public Works |
|---|---|---|
| <ul style="list-style-type: none">• Lawns• Gardens• Backyards | <ul style="list-style-type: none">• Golf Courses• Sports Fields• Construction Sites | <ul style="list-style-type: none">• Parks• Airports• Roadways |

Reclaim your beautiful property with superior drainage performance and minimal soil disruption.

See improved groundwater quality with more water reaching further depths.



Clean Installation

The GEPS system is installed underground using HAZL, our ultra-light drilling rig dedicated to the GEPS technology. Each GEPS is inserted underground after a small bore hole is drilled, and then the hole is backfilled and the surface is cleaned. Surface and underground disturbance is minimal, and installation time is incredibly quick.

