



# EGRP<sup>®</sup> SYSTEM

Energy-passive Groundwater Recharge Product

Drainage issues originate from two sources. The first source is urbanization, leaving less permeable space for water to infiltrate. The second is compaction which happens overtime as a result of a load being placed on the surface of the soil. This load is often foot or vehicle traffic over long periods of time. As the soil compacts less void space is available within the soil matrix for water to infiltrate.

The EGRP<sup>®</sup> promotes surface infiltration and can increase the volume of stormwater that can be infiltrated and stored in the soil. This allows for balancing of soil moisture content across the vertical and horizontal soil layers.



*The EGRP<sup>®</sup> system installation is a low impact design versus the traditional excavation methods that tear up land. The system is installed by our professional Certified Parjana<sup>®</sup> Installers. Most installations take less than one week to complete depending on site conditions and solution requirements.*

## Sustainable water management solution for turf

- ⊕ Improve water infiltration
- ⊕ Reduce stormwater runoff
- ⊕ Stabilize groundwater levels
- ⊕ Maintenance free
- ⊕ Low impact design

**Become a Certified Parjana<sup>®</sup> Installer or find one near you!**

855-Parjana (855.727.5262) [sales@parjana.com](mailto:sales@parjana.com) [www.parjana.com](http://www.parjana.com)



## Belle Isle

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Location: Detroit, Michigan, USA

Environmental Consulting and Technology, Inc. (ECT) conducted a research study that found that the EGRP® system reduced runoff by 63% when comparing flow data prior to its installation to 12 weeks after installation on this 24 acre site.

## Edgbaston Cricket Practice Field

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Location: Birmingham, UK



The EGRP® system was installed in solid clay sub-soil, with no existing drainage and was surrounded by hard standing car-parks, three months before the biggest cricket tournament of 2013 – The ICC Champions Trophy. This tournament features the best 8 cricket teams in the world. India trained on the pitch the Monday after a weekend of 5 inches of rainfall. The Manager, Duncan Fletcher said in the Birmingham Post that it was one of the best practice net facilities they had trained on. Prior to the EGRP® installation the ground would have remained unplayable for weeks.

## Cincinnati Reds, Brandon Phillips Field

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Location: Cincinnati, Ohio, USA



The Cincinnati Reds Brandon Phillips Field experienced chronic water drainage issues. Its right and center fields drained slowly causing field delays and game cancellations. After the EGRP® installation, the problem areas were draining properly which also significantly reduced erosion of the nearby warning track.

## Plumbrook Golf Course

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Location: Sterling Heights, Michigan, USA



Many rounds of golf were lost because of poor drainage on Hole #3 and certain other parts of the golf course. About 1.5 acres of the golf course was saturated even after a modest rainfall causing delays. The EGRP® system installation was fast and non-intrusive allowing play to resume immediately afterwards. The ground has become much less saturated and turf maintenance is much more consistent even after heavy rainfall.

**Check out the full testimonials and much more at [www.parjana.com](http://www.parjana.com)**