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EDGBASTON STADIUM BIRMINGHAM, UK PROJECT ANALYSIS

SITUATION

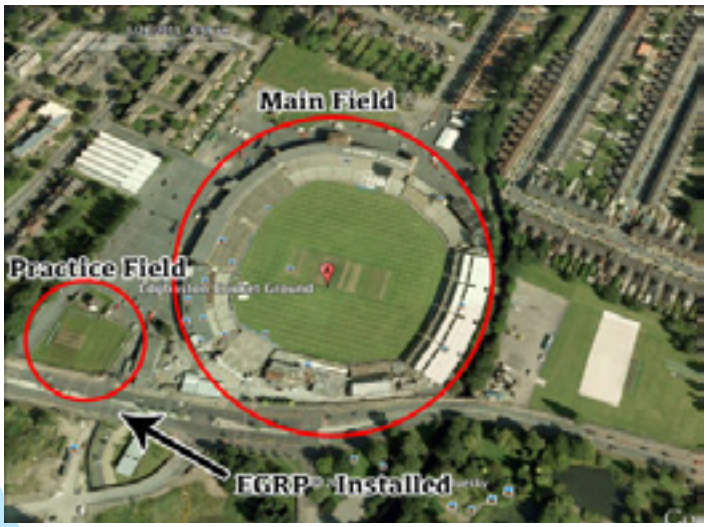
Edgbaston Cricket Stadium is located in a valley, adjacent to a river and is built upon clay. These factors contribute to exceptionally poor drainage both on the main cricket field and practice fields. In 2010 the Cricket Club spent over $1 million on a conventional land drainage system. During the summer cricket season of 2012, Edgbaston canceled 6 internationally televised matches because of a waterlogged field, subsequently losing significant revenue due to the poor field conditions.

MAIN FIELD, MAY 30TH, NO EGRP®

SOLUTION

The EGRP® system was installed in May 2013 on the main practice area, only one month prior to the ICC Trophy the biggest Cricket tournament in the world. The practice area had NO drainage system and is surrounded by two parking lots. On May 30th There was a 1/2 inch of heavy rain, which, previously would haveflooded the field and left it unplayable for days. However, with the EGRP® system in place, in less than two hours the ground was completely dry and solid under foot and practice resumed whilst a nearby practice field (with NO EGRP® installation) remained out of action.

PRACTICE FIELD, MAY 30TH, WITH EGRP®



RESULT

Dry field, more play, **MORE REVENUE**

TESTIMONIAL

"Extremely pleased with how the drainage system is working"

-Head Groundsman at Edgbaston
International Cricket Ground

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NEWSLETTER

Edgbaston

Joe O'Meara:
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10th July 2013

Dear Matt

Ref: EGRP Installation May 2013 - Edgbaston Practice Ground

Further to discussions with Matt Dale regarding the above technology in drainage systems and given the positive results achieved by the EGRP System in Europe and the US I decided to install the system on the main practice ground.

This area is surrounded by hard-standing car parks, has no existing drainage and has a clay sub-soil which historically drains very badly resulting in standing water/flooding on the surface leading to an unplayable conditions following heavy and or prolonged rainfall.

The EGRP System was installed during May 2013, within the timescales agreed, in preparation for the ICC Champions Trophy. The playing surface itself was not damaged in anyway and this was a pre requisite of the install. This was a huge positive for sports surface drainage as other drainage systems would have meant huge disruption.

In terms of the performance of the EGRP System, any doubts I had about the system working, have been completely dispelled. We had two heavy rain spells in May where 12mm of rain fell in the day and in June where there was 15mm of rain in half hour; both of these occasions flooded the area and normally would have rendered the ground unplayable the following day. On both instances the standing water and flooding was gone within hours and the ground was completely dry. This was an excellent result and enabled the teams scheduled to practice to use the facility the next day.

The EGRP System is a much welcome technology in drainage which enables us to deal nuisance groundwater at source and deal with it in an energy passive manner and without having to discharge large volumes of storm water it into the City's own drainage/storm water system.

I backed the EGRP System and am very happy with both the installation and the performance

Kind Regards

Head Groundsman Edgbaston CC