

Case Study

Sports Field Remediation

Market Sector

RECREATION



Application

SETTLEMENT MITIGATION



Site Conditions

UN-ENGINEERED &
UN-CONTROLLED TIP SITES



LANDPAC

INTELLIGENT GROUND ENGINEERING SOLUTIONS

Project

Landpac have worked on many sports fields across Brisbane and Sydney which have been constructed on un-engineered, un-controlled tip sites. The sports field surfaces are normally extremely undulating caused from long term settlements making the fields un-usable in some instances. The sports fields final use range in quality from general sports use to high end professional sports use. The need to mitigate potential long term differential settlements across the fields is critical for maximizing its use, future maintenance, drainage characteristics and aesthetics.

Soil Conditions

The sub-surface soil profile generally consists of general household waste with a clayey capping layer and top soil.

Client: Brisbane City Council

Impact Compaction Contractor: Landpac Technologies

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Pre Impact Compaction



Post Impact Compaction



Sub Surface Material



Large Average Settlements Post IC



Summary

- ✓ Tip sites cause field settlement
- ✓ Undulating fields become unusable
- ✓ Range from amateur to pro fields
- ✓ Impact Compaction repairs settlement issues for long use

Get in touch

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