

TESTING PROCESS & SUMMARY

The following is the evaluation of Hydraway's geotextile fabric used on the HY206-A150 and HY211-A150 strip drain. The performed research was to evaluate the clog resistance of soils used in USGA conditions and high-performance athletic fields. The testing consisted of 400-inches of rain (10-year rain equivalent) in the following soil profiles:

- Sand/Sphagnum Peat Mix
- Sand/Reed Sedge Peat Mix
- Sod over Sand/Sphagnum Peat Mix
- Sod over Sand/Reed Sedge Peat Mix
- 80/10/10 Sand/Soil/Peat Mix
- BMP Mix

Infiltration rates were monitored throughout the testing process of the 400-inches of rain and Hydraway's fabric was reviewed against a control using ASTM F1815 methodology.

RESULTS

The test results indicated that Hydraway's geotextile fabric does not impede drainage after 400-inches of rain in the soils tested. Testing observation showed no significant signs of reduction in open area of the fabric.

The following ASTM methods were reviewed in this test:

ASTM F1815	Infiltration rate testing/soil core compaction procedures
ASTM F1647	Organic Matter Content of Athletic Field/Putting Green Rootzone Mix
ASTM F1632	Particle Size Analysis
ASTM F2396	Sand Based Athletic Field Guidelines

**All testing was performed by Turf & Soil Diagnostics who is an accredited body of the American Association for Laboratory Accreditation (A2LA).*