

Atlanta National Golf Club

Atlanta, GA

Atlanta National Golf Club is an exclusive, private Golf Club located in North Atlanta. As one of the most respected golf courses in Georgia, Atlanta National is dedicated to ensuring a world class golf experience. That is why when drainage issues arose, the club wanted to use a highly effective, easily installed drainage product that would have minimal effect on the course.

The Problem:

Areas throughout the course, including the driving range, started experiencing poor drainage and standing water. These areas were constantly wet, causing balls to embed in the turf, damaging the terrain, and creating poor playing conditions. The driving range was often closed due to standing water. Considering that this was peak season, Atlanta National needed a solution that could be done quickly and effectively without closing down the areas for weeks at a time for renovation.



Standing Water at Atlanta National

The Solution:

JDR Enterprises solution to install 2000 LF of **J-Drain SWD-6**, a composite turf drainage system, was used to incorporate both a main drain line that emptied into a creek as well as storm water basins running to the back of the range. A typical herringbone pattern was used to design the drainage layout. Trenches were excavated only 2-3 inches wide and 12 inches deep in order to install the product. Trenches were dug perpendicular to the slope, so that they would intercept surface run-off as well as drain water from the turf and root zone. **J-Drain SWD** was placed vertically into the trenches with temporary stakes. Fittings were then connected and taped with duct tape. Once **J-Drain** was in place, the trenches were back filled with sand (no gravel needed) and the temporary stakes were removed. **J-Drain** was installed in a fraction of the time of pipe and gravel, without the need for heavy construction machinery. Now, even after a heavy rainfall, there is no longer standing water in these areas.



Trenching 12" deep on golf course

J-Drain SWD provides a simple solution to the many complex drainage problems that occur on golf courses. The narrow cross-section allows for **J-Drain SWD** to be installed without significantly disrupting the natural turf. In many cases the playing area can be returned to play the same day. This provides an excellent method for installing drainage in greens, fairways, tees and bunkers.



Unrolling J-Drain along trench

J-Drain SWD & Fittings placed in trench



J-Drain SWD benefits for golf course drainage:

- The volume of water and the length of the time standing water is on the field is reduced.
- The turf has more favorable growing conditions because the roots do not remain saturated for an extended period of time.
- The turf becomes healthier and more resistant to damage from athletic activities, disease and weather.
- Athletic activities may be resumed after a shorter period of time without fear of damaging the turf.