



PROJECT CASE STUDY

NATURAL GRASS BASEBALL

Project	Application	Product	Location	Year
New Orleans Zephyrs	Natural Grass Baseball Field	Hydraway 2000, 12"	New Orleans, LA	2008

Problem

Existing 4" drainage system completely failed. The contractor had to remove 17,000 feet of failed drainage system.

Solution

Several factors had to be considered when designing a system for this field. Since the field was below sea level, it had an existing 30 mil liner 12" below the turf to keep ground water from seeping into the field from the bottom. The stadium has a concrete seating area so the water was running off it to the field. The only place to take the water was out to (1) 12" CMP outlet that ran out though center field. The pipe went through a levee to a creek behind it.

It was decided that Hydroway 12" be install horizontally to maximize the best drainage we can get given that this area of the country recieves frequent micro burst rain events. The Hydroway Engineering Team completed the drainage design in-house. It was decided that we would put the drainage system on 13' spacing and 7' spacing in the tarp drop area. Timeline for the total construction was (1) month.

Result

The field has been working perfectly over the years and has not had a rain-out due to heavy rains before a game.

“ When it was decided to rebuild our field, the Hydroway® drainage system was a great alternative. It was convenient for retrofitting the field with its high inflow rate and compressive strength during construction. In August 2009, an afternoon thunderstorm arose over the ballpark at 3 pm on game day. By 3:30, the only things visible on the field were the infield and bullpen tarps. At 3:45, the stadium had received 3.17" of rain. The Zephyrs were on the field, playing by 7:30 with compliments from the Pacific Coast League and its umpires. ”

- Thomas Marks
Head Grounds Keeper, New Orleans Zephyrs

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