



# Prestigious Professional Racing Circuit, Jeddah, Saudi Arabia

## Rain Bird® Races to Deliver World-Class Irrigation System in Time for International Grand Prix

Fans around the world await the high-speed auto racing that will take place at this new, temporary circuit on the Red Sea. One of the largest projects in Saudi Arabia, the site features expansive greenspaces and thousands of trees. In a few years, it will be converted into a public park.

### THE CHALLENGE

The circuit requires a top-quality irrigation system to be installed in record time for its first race: a high-profile international event. Race promoters want the site to look lush and green, especially in aerial broadcast footage. Installing the system without interfering with other contractors or the nearby public beach will be an additional challenge. If possible, the system should also make efficient use of water, given Jeddah's arid climate. Saudi Landscape, the project's landscape designer, will need to find a reliable partner that can deliver on all fronts.

### THE SOLUTION:

Only Rain Bird® has the expertise, the technology, and the availability of components to make this a reality in such a short amount of time. Without disturbing the beach, they can work in concert with other contractors and pivot if needed to meet the tight deadline. Rain Bird's inherently efficient products will support safety and water conservation goals while keeping the landscaping green and beautiful.



ESP-LXD 2-Wire Decoder Controllers

#### Core Products Used:

- ESP-LXD 2-Wire Decoder Controllers
- FD-TURF Series 2-Wire Decoders
- PESB-R Series Valves
- VB Series Valve Boxes
- 1400 Series Bubbler
- 1800® Series PRS Sprays
- HE-VAN High Efficiency Variable Arc Nozzles

#### KEY OBJECTIVES

- ✓ **Quick installation**
- ✓ **Expert design**
- ✓ **Minimal impact to area**
- ✓ **Lush landscaping**



## Site Report: **Prestigious Professional Racing Circuit, Jeddah, Saudi Arabia**

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### APPROACH:

#### Race Against the Clock

The Rain Bird team will act fast to design an irrigation system, get approval on submissions, and install the project in time for the major international race. Choosing parts they can source quickly and modifying the design to reduce complexity will help meet the deadline.

#### Aesthetic Appeal

A high-quality Rain Bird system will keep the site looking green from any vantage point. **1800® Series PRS Sprays** in various pop-up heights and nozzle combinations will precisely water the circuit's many flowers and shrubs. These will pair well with **HE-VAN High Efficiency Variable Arc Nozzles**, which will prevent evaporation even in Jeddah's dry, windy climate. Adding **1400 Series Bubblers** will provide a controlled, deep watering for new and established trees.

#### Conserve Water

Rain Bird technology is designed for efficiency so circuit officials won't have to choose between sustainability and speed of installation. For example, the pressure-regulating stems in the **1800® Series PRS Sprays** will **save up to a gallon of water per minute** compared to alternatives and **ESP-LXD 2-Wire Decoder Controllers** will allow maintenance staff to monitor flow and reduce water usage while simplifying management.



“ I nominated Rain Bird to be the irrigation brand based on my previous experience with the local distributor. Rain Bird's commitment in terms of availability of the material stock plus their positive cooperation on past projects made them a clear choice.

AHMED EMARA  
PROJECTS DIRECTOR  
SAUDI LANDSCAPE

### RESULTS:

#### Crossing the Finish Line

The grounds were green and pristine as the circuit made its debut on the world stage. Fans in Saudi Arabia and around the world watched the track's first grand prix without ever knowing the rush that led up to this event. Not only did the Rain Bird team rally to meet the race deadline; they also installed a reliable, efficient system that will keep the area looking lush for years to come when it takes on a new life as a public park.