



# Veterans Field Park, Edgewater, New Jersey

## Multiuse Park Maintains High-Quality Turf with Rain Bird® Central Control Technology

Across the Hudson River from New York City sits Veterans Field Park in Edgewater, New Jersey. This beautiful multiuse municipal park features extensive lawns, five natural turf sports fields, and ample walking trails. Area residents enjoy the space daily from early morning until long after dark.

### THE CHALLENGE

The Edgewater Department of Public Works' reputation depends on maintaining beautiful, high-quality turf. While there is an existing Rain Bird system at Veterans Field, managing irrigation across more than 50 zones can be difficult and time consuming. Leak detection as well as controlling messy, native geese on the grounds has been a challenge. Additionally, the park's high usage by the public means all watering must be completed during limited hours at night, so as not to disturb park visitors.

### THE SOLUTION:

Add Rain Bird's IQ4 central control platform to enable time-saving remote management of the existing system. Install Flow Sensors to identify leaks or breaks and automatically shut down watering. Use FloManager® to complete condensed irrigation cycles before early morning park goers arrive. Turn zones on as needed via cell phone to scare off nuisance geese.



IQ Central Control

#### Core Products Used:

- IQ Central Control
- Flow Sensors
- 1800° Series PRS Sprays
- Falcon® 6504 Series Rotors
- ESP-LXD Series Two-Wire Decoder Controllers

#### KEY OBJECTIVES

- ✓ **Enable 24/7 remote access**
- ✓ **Maintain high-quality turf**
- ✓ **Control nuisance birds**



## Site Report: Veterans Field Park, Edgewater, New Jersey

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### APPROACH:

## Save Time & Money with Remote Access

The Borough of Edgewater enlisted contractor National Lawn Sprinkler to install Rain Bird's IQ4 platform, which offers state-of-the-art monitoring, programming, and control. IQ4 will enable the public works staff to easily manage the park's 53 watering zones 24/7 from anywhere. Integration with weather data will ensure nothing is overwatered. The platform's reporting feature will deliver insights on flow and total water usage. Upgrading the existing cellular connection to hardwired ethernet will let IQ4 communicate with the ESP-LXD Series Two-Wire Decoder Controller with no data charges, saving \$155 per controller per year.

## Simplify Maintenance & Condense Watering

Flow Sensors installed at Veterans Field will monitor the system for low flow and excess flow conditions caused by broken lines or heads. In the event of a problem, they will automatically shut down the problem area and continue to irrigate nonaffected areas. FloManager will allow the public works staff to schedule multiple zones at once to condense watering from approximately six hours to just two hours.

## Deter Unwelcome Wildlife

An added benefit of the new remote management is controlling geese on the property. When Quinton or other employees see geese on the park's security cameras, they can turn on a specific watering zone to scare the birds away. This can be done remotely, at any hour of the day, from a user-friendly cell phone app.



“ The greatest thing is having access anywhere at any time to control the system. The email alerts and the daily reporting are helpful, as well as the projections on how much water we will use. If anyone has questions, I can say how many gallons we're going to use over the next 30 days.

TOM QUINTON  
SUPERINTENDENT, BOROUGH OF EDGEWATER

### RESULTS:

## Beautiful Turf with Minimal Labor

The turf at Veterans Field Park looks like a green carpet thanks to Rain Bird. Visitors never get wet from the irrigation system, and Superintendent Quinton and his staff save time with easy-to-use remote management, detailed automated scheduling, and condensed watering windows. As a bonus, the park's population of pesky geese has been reduced from hundreds of birds to less than 10!