



IRRIGATION PERFORMANCE AUDIT

Why an Irrigation Performance Audit is important:

A properly hydrated athletic field maximizes the safety and performance of your athletes and allows for consistent scheduling of events and maintenance activities.

Since water resources are so precious, understanding your irrigation system will help ensure that you are managing your green spaces responsibly. Operational knowledge of your system is fundamental to maintaining the correct balance of soil, air, and water on your fields.

How Tom Irwin Advisors will help:

Our experts work with your team to help you understand the design, operation, and proper management of your system. We use the latest in scientific tools and technology to determine the adequacy and effectiveness of your system.

What we do for you during an Irrigation Performance Audit:

Irrigation Inspection – We identify, inspect, and GPS map all of the components in your irrigation system such as:

- Water sources
- Pumps and relays

- Controllers
- Supply lines
- Valve boxes and control wires
- Swing joints
- Irrigation heads

Irrigation Audit – We focus on the performance of your irrigation system. We evaluate the system in its current state by performing the following:

- Laboratory Test for Water Suitability
- On-Site Infiltration and Percolation Rate Evaluation
- System Uniformity Examination
- Irrigation Head Pressure and Flow Test
- Precipitation Rate Measurement

At the conclusion of the process you will receive your **Irrigation Performance Audit Report**:

This report details our findings and proposes action items to optimize the performance of your system and irrigation practices.

