

Installation & Setup Overview

FOR GOLF COURSE APPLICATIONS



1. Initial Consultation & Site Assessment

Purpose: Understand the course layout, irrigation system design, and current water quality challenges.

What Happens:

- Site visit or virtual review of irrigation maps and pump station setup.
- Collection of water samples (if needed) for baseline analysis.

Discussion of key goals: drainage improvement, de-compaction, turf health, or water-use efficiency.

Outcome: A tailored system configuration and quote suited to your course size and pump capacity.

2. System Design & Proposal

Purpose: Ensure every system is optimized for your specific environment.

What Happens:

- Engineering review and sizing of the Rainmaker.Earth system (based on flow rate and water source).
- Custom design of manifold or integration plan for existing pump station.
- Detailed proposal outlining performance expectations, cost, and installation timeline.

Outcome: Approved design and project schedule ready for installation.

3. Pre-Installation Preparation

Purpose: Confirm logistics and minimize disruption.

What Happens:

- Coordination with superintendent or irrigation technician to confirm electrical and plumbing tie-ins.
- Verification of available space (typically 2x3 ft footprint for the main unit).
- Scheduling of installation date to align with irrigation downtime or shoulder season.

Typical Requirements:

- Access to 480V, 3 phase power supply (depending on configuration).
- Connection point to main irrigation line at or near the pump house.
- Minimal clearance for technician access and ventilation.



4. Installation & Setup

Purpose: On-site integration of the Rainmaker.Earth system.

What Happens:

- Delivery and positioning of the Rainmaker system in the pump house or adjacent area.
- Plumbing and electrical connection to the main irrigation line.
- Calibration and water-flow testing by certified Rainmaker technicians.

Timeline: Most installations completed within one working day.

5. System Activation & Verification

Purpose: Ensure immediate performance and proper operation.

What Happens:

- Initial startup and quality testing (ORP, pH, and flow readings).
- Review of operational data to confirm water treatment efficiency.
- Training provided to superintendent or irrigation staff for basic system checks.

Outcome: Rainmaker.Earth system begins full operation — improving water quality and soil health from day one.

6. Ongoing Support & Monitoring

Purpose: Maintain optimal system performance throughout the season.

What Happens:

- Remote or in-person check-ins during the first 30 days.
- Seasonal review and performance optimization.
- Continued access to Rainmaker.Earth technical support.

TYPICAL TIMELINE

Phase	Focus Area	Key Actions
Site Assessment & Design	1 week	Review data, develop proposal
Approval & Scheduling	1 week	Confirm date, finalize logistics
Installation	1-2 days	Delivery, connection, setup
Activation & Training	Same day	System start, staff briefing
Monitoring & Support	Ongoing	Seasonal optimization

Space & Power Requirements

Each Rainmaker.Earth system installation is customized to fit the site's existing infrastructure. While system dimensions and specifications can vary, most installations require:

Compact footprint: designed to fit conveniently within or near existing pump house space.

Standard power supply: compatible with common electrical connections; voltage requirements confirmed during site assessment.

Water connection: integrated directly into the main irrigation line at the pump station or water source.

Location flexibility: installed indoors or outdoors depending on system configuration and site layout.

Our team assesses every site individually to ensure seamless integration with your existing irrigation system and minimal disruption during installation.