

## Smart Controller Installation Checklist

### WeatherTrak (New Project)

The following checklist details all items for WeatherTRAK ET Pro3 and LC system installation that are required by WeatherTRAK (WT) by installer prior to final inspection by WT technician. This checklist is for smart controller verification purposes only and does not cover all requirements given in Project Specifications.

#### 1. Pre-Installation:

- Complete WT Site Profile worksheet for each zone (plant, soil, slope etc).
- Label station wires

#### 2. Installation:

- Install WTcontroller and connect valve wires.
- Connect power.
- Ground controller in accordance with specification Section 32 8466 'Underground Sprinklers: Controllers'.
- Run wire to master valve.
- Run wire to flow and rain sensors.

#### Flow Sensors (if Used):

- Attach flow sensor wires.
- Flow menu - turn flow to ON.
- Flow menu - Set appropriate K and Offset for flow sensor size and model.
- Flow menu - Run 'Learn Flow' cycle to establish high flow settings.
- Set Up menu - Set master valve to 'Normally Open' or 'Normally Closed'.
- Set up flow parameters in weathertrak.net (Hi/Low Flow Shut down, leak settings, etc.)

#### Rain Sensor (if Used):

- Attach rain sensor wires to RS port on controller.
- Run standard sensor test per sensor manufacturer.

#### 3. Activate:

- Within IFS: Provide the following to Church IFS representative. Provide: Serial number, SIM number, Controller location, Address, and Church Property #. If multiple controllers identify which is on meetinghouse and which is on rec property.
- Outside of IFS: Call WeatherTRAK customer service (800) 362-8774 to activate controller.
- Provide serial number, address, and property number.
- When setting up controllers on-line, use proper naming conventions.
- Account Name:** Use "Church MFD" for the Church of Jesus Christ of Latter-Day Saints. Add an "IFS" for properties within the Internal Facilities Service area. Ex. **Church MFD – IFS**.
- Site Name (Up to 50 letters or numbers):** Provide state, city, and seven-digit property number. Ex. **UT-Ogden-5031249**.
- Controller Name (Up to 24 letters or numbers):** Provide seven-digit property number and street address. If multiple controllers are installed on site, the Controller Names would be followed by an a, b, c, etc. up to the number installed. Ex. **5031249-5191 S OLD PO B**

#### 4. Program (program at controller or via web at [www.weathertrak.net](http://www.weathertrak.net)):

- Set Up Menu - Set up current date time and general information.
- Days and Times - Set up day pattern and start times.
- Stations Menu - Program each station in Auto Mode using Station Worksheet data and Sprinkler Zone Naming Convention.
- Stations Menu - Program each station In User Mode (No ET) for Plant Establishment.
- Leave Program Mode in User Mode - Auto Mode settings are saved for future use.
- Accurately map specified elements using WT map tool.

## Sprinkler Zone Naming Convention

Plant Material-Sprinkler type-location description.

EX. **G-SP-N Parking Lot**  
**S-DR-NW BLDG**

Plant Material Options

G = Grass

S = Shrubs

A = Annuals

N = Native Grass

If zone has multiple types of Plant material, you can combine ex. G&S for Grass and Shrubs. Use the & symbol.

Sprinkler Type

SP = Spray Head

PR = Part Circle Rotors

FR = Full Circle Rotors

SR = Stream Rotor (MP Rotators)

DR = Drip

Location Description.

Use Cardinal directions and distinguishing permanent features to give a location for the area. There is a maximum of 24 characters for the station description. You may need to abbreviate the description to accommodate for the 24 character limit.

EX. N Parking lot, NW Bldg, SW Pavilion, W Flag Pole

**5. Final Check:**

- Preview Menu - Review each station's program in Preview screen.
- Services Menu - Run Valve Test to check for loose wiring - correct as needed.
- Manual Menu - Run one minute test cycle for all zones.
- Digitally scan Station Worksheet and this checklist. Include with Landscape Management Plan (LMP).
- Leave Station Worksheet inside of controller.

I hereby certify that Smart Controller Installation Checklist has been completed and all deficiencies have been corrected.

Signature: \_\_\_\_\_

Printed Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# Smart Controller Installation Checklist

## WeatherTrak (Replacement and Improvement/Retrofit)

The following checklist details all items for WeatherTrak ET Pro3 and LC system installation that are required by WeatherTRAK (WT) by Installer prior to final inspection by WT Technician. This checklist is for smart controller verification purposes only and does not cover all requirements given in Project Specifications.

### 1. Pre-Installation:

- Run Manual Cycle and Ohm test to verify system wiring before new controller install.
- Note broken wires or bad stations.
- Complete WT Site Profile worksheet for each zone (plant, soil, slope etc).
- Label station wires

### 2. Installation:

- Install WT controller and connect valve wires.
- Connect power.
- Ground controller in accordance with Specification Section 32 8466 'Underground Sprinklers: Controllers'.
- Run wire to master valve.
- Run wire to flow and rain sensors.

#### Flow Sensors (if Used):

- Attach flow sensor wires.
- Flow menu - Turn flow to ON.
- Flow menu - Set appropriate K and Offset for flow sensor size and model.
- Flow menu - Run 'Learn Flow' cycle to establish high flow settings.
- Set Up menu - Set master valve to 'Normally Open' or 'Normally Closed'.
- Set up flow parameters in weathertrak.net (Hi/Low Flow Shut down, leak settings, etc)

#### Rain Sensor (If Used):

- Attach rain sensor wires to RS port on controller.
- Run standard sensor test per sensor manufacturer.

### 3. Activate:

- Within IFS: Provide the following to your Church IFS representative. Provide: Serial number, SIM number, Controller location, Address, and Church Property #. If multiple controllers identify which is on meetinghouse and which is on rec property.
- Outside of IFS: Call WeatherTRAK customer service (800) 362-8774 to activate controller.
- Provide serial number, address, and property number.
- When setting up controllers on-line, use proper naming conventions.

**Account Name:** Use "Church MFD" for the Church of Jesus Christ of Latter-Day Saints. Add an "IFS" for properties within the Internal Facilities Service area. Ex. **Church MFD – IFS**.

**Site Name (Up to 50 letters or numbers):** Provide state, city, and seven-digit property number. Ex. **UT-Ogden-5031249**.

**Controller Name** (Up to 24 letters or numbers): Provide seven-digit property number and street address. If multiple controllers are installed on site, the Controller Names would be followed by an a, b, c, etc. up to the number installed. Ex. **5031249-5191 S OLD PO B**

### 4. Program (program at controller or via web at [www.weathertrak.net](http://www.weathertrak.net)):

- Set Up menu - Set up current date time and general information.
- Days and Times - Set up day pattern and start times.
- Stations menu - Program each station in Auto Mode using Station Worksheet data and Sprinkler Zone Naming Convention.
- Stations menu - Program each station In User Mode (No ET) for Establishment.
- Accurately map specified elements using WT map tool.

## Sprinkler Zone Naming Convention

Plant Material-Sprinkler type-location description.

EX. **G-SP-N Parking Lot**

**S-DR-NW BLDG**

Plant Material Options

G = Grass

S = Shrubs

A = Annuals

N = Native Grass

If zone has multiple types of Plant material, you can combine ex. G&S for Grass and Shrubs. Use the & symbol.

Sprinkler Type

SP = Spray Head

PR = Part Circle Rotors

FR = Full Circle Rotors

SR = Stream Rotor (MP Rotators)

DR = Drip

Location Description.

Use Cardinal directions and distinguishing permanent features to give a location for the area. There is a maximum of 24 characters for the station description. You may need to abbreviate the description to accommodate for the 24 character limit.

EX. N Parking lot, NW Bldg, SW Pavilion, W Flag Pole

**5. Final Check:**

- Preview menu - Review each station's program in Preview screen.
- Services menu - Run Valve Test to check for loose wiring - correct as needed.
- Manual menu - Run one minute test cycle for all zones.
- Digitally scan Station Worksheet and this checklist. Include with Landscape Management Plan (LMP).
- Leave Station Worksheet inside of controller.

I hereby certify that Smart Controller Installation Checklist has been completed and all deficiencies have been corrected.

Signature: \_\_\_\_\_ Printed Signature: \_\_\_\_\_

Date: \_\_\_\_\_