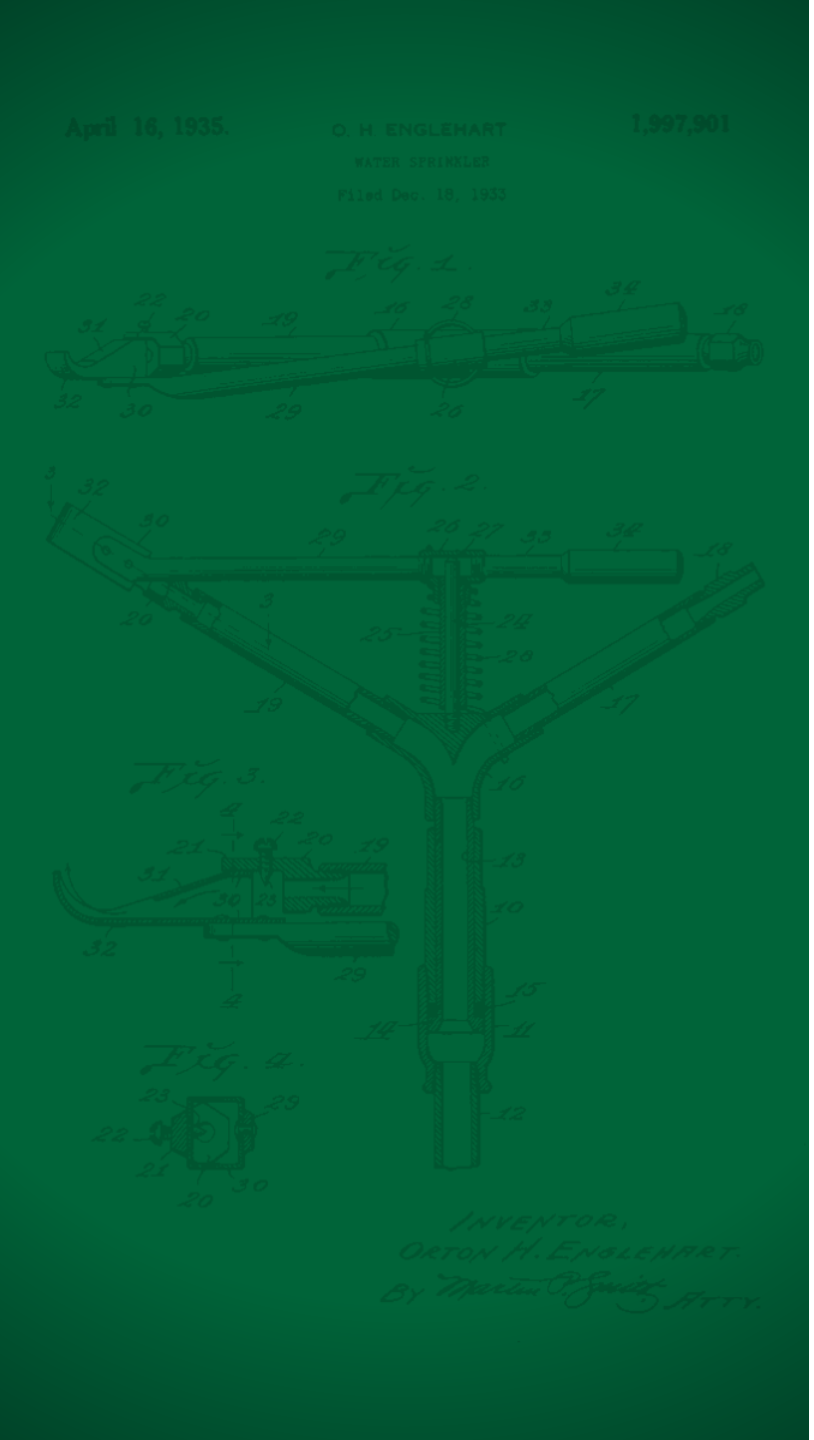

IQ4 – Manual Ops (New Tab)

IQ4 – Manual Ops Tab

The Manual Ops tab is a feature that allows users to monitor and control all manual irrigation from one location

- Irrigation queue of operating, soaking or Pending stations
- Flow Alarms monitoring and healing
- Start Programs and/or Stations
- Cancel All irrigation
- Advance selected station
- Review Events for the controller
- Review and initiate Diagnostics for the controller
- Monitor status of Weather Sensors and Master Valves

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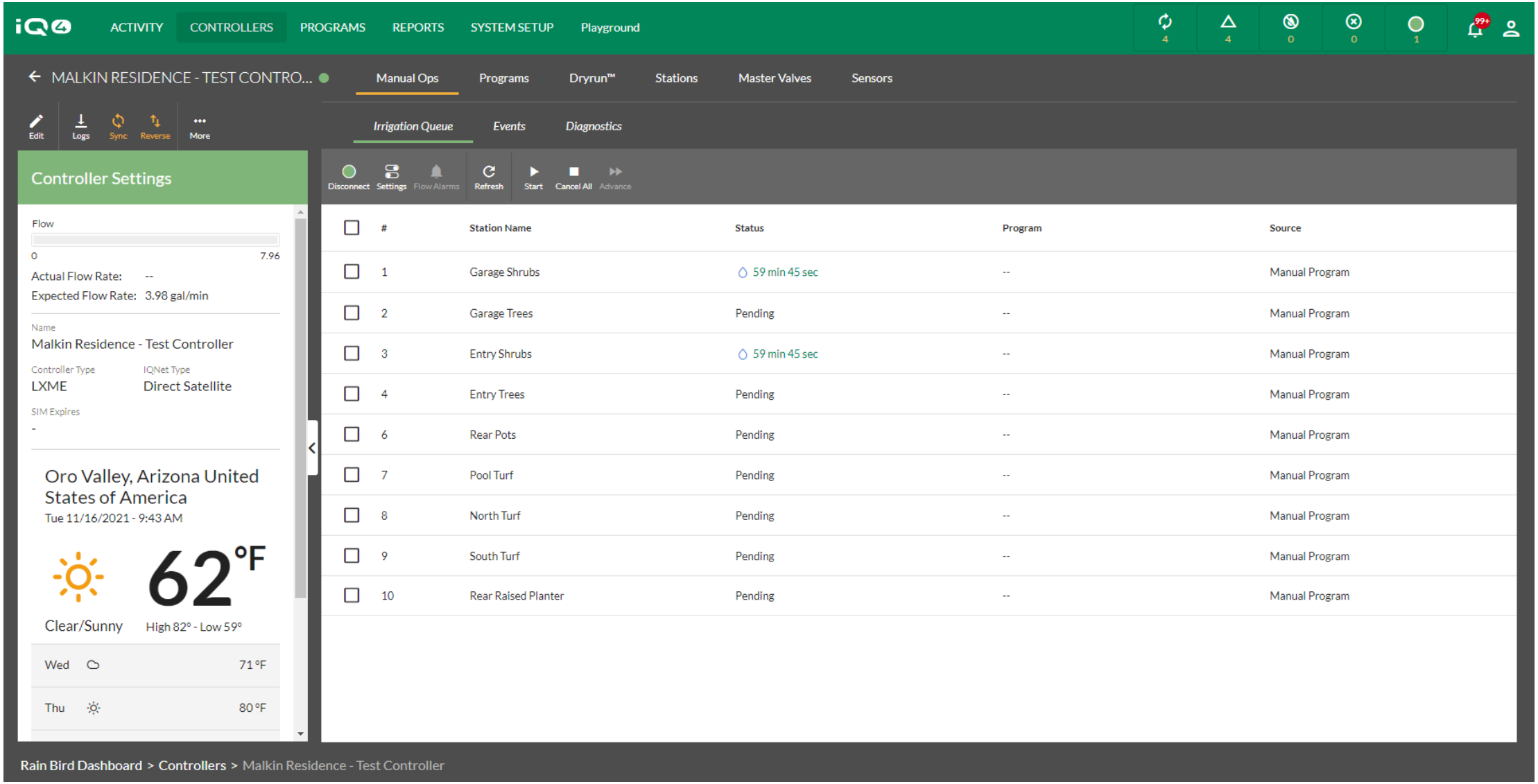
IQ4 – Manual Ops Tab



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IQ4 – Manual Ops Tab

Setup items to complete before fully using the Manual Ops Tab

- Controller Setup
  - Flow Sensors
  - Master Valves
  - Stations
  - Programs
  - Controller Level SimulStations
  - FloManager
  - FloWatch
  - Controller parameters (Auto/Off, Auto Sync, Scheduled Sync, etc.)

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IQ4 – Manual Ops Tab

- Program Setup
  - Start time(s)
  - Day(s) of operation
  - Program Level SimulStations
  - ET Adjust, Program Adjust
- Station Setup
  - Flow rate(s)
    - Manual
    - Learned flow (coming soon to IQ4)
  - Base Runtime(s)
  - Decoder/IVM addresses
  - FloZone assignments

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IQ4 – Manual Ops Tab

Using the Manual Ops Tab

- The Manual Operations tab provides software tools to help you remotely control the operation of controllers using the IQ4 Software.
- Manual Operations include:
  - Managing the irrigation queue by starting a station or program, or by cancelling irrigation
  - Viewing and changing current settings
  - Flow Alarm identification and healing alarms
  - Using special commands: i.e. downloading updated firmware to satellite controllers and viewing controller event logs
  - *Tip: It is best to connect to the controller first, before attempting any manual commands*

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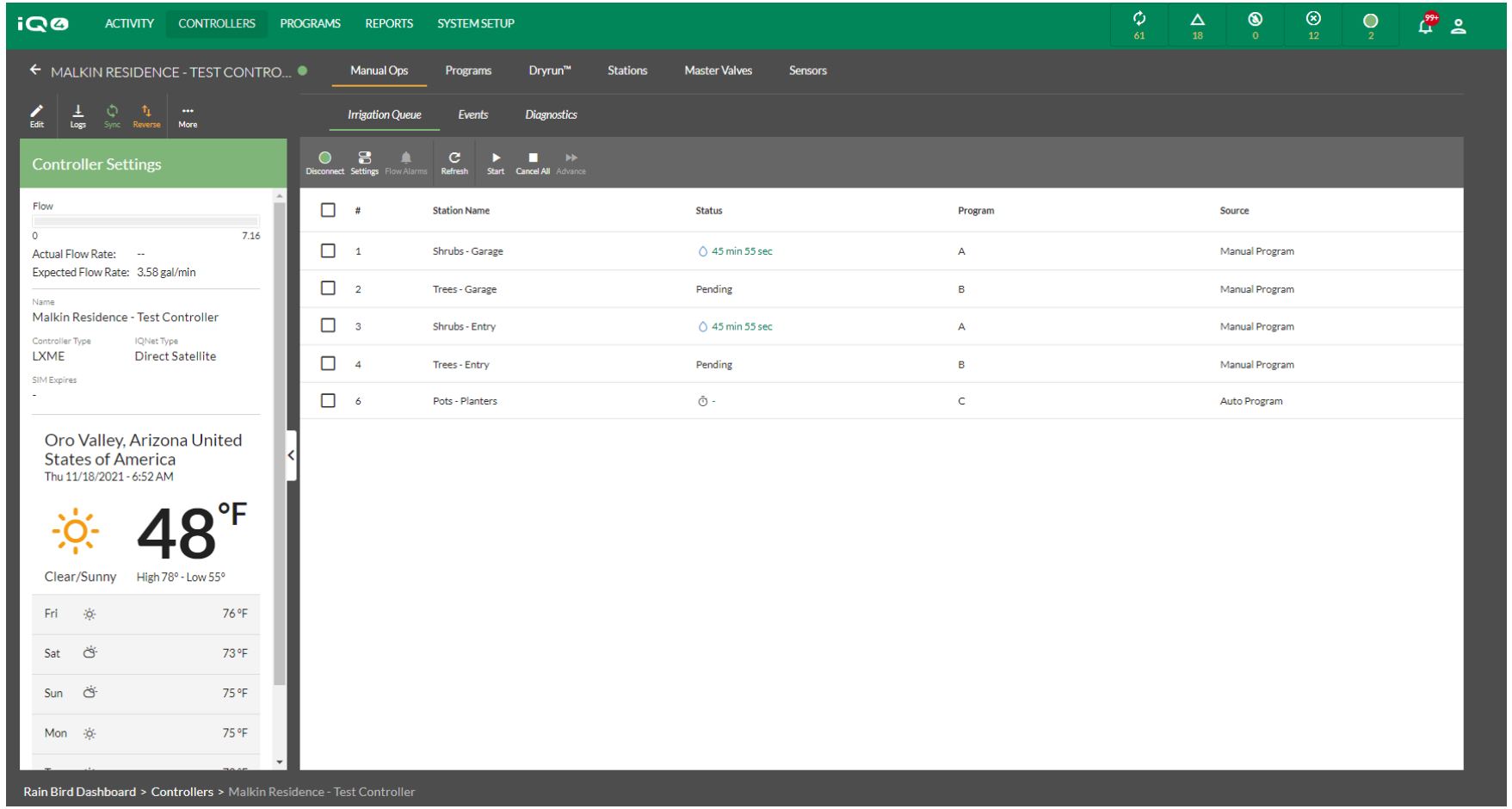
IQ4 – Manual Ops Tab

Irrigation Queue Tab



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IQ4 – Manual Ops Tab

- Irrigation Queue Tab display
  - Connect/Disconnect button: Makes a manual connection to the controller
  - Settings button: displays (no editing) the controller settings
  - Flow Alarm button: If there are any flow alarms, a red exclamation point will be displayed. Clicking the button will open the Flow Alarm dialog box to disposition
  - Refresh button: Current settings and Irrigation Queue will update immediately
  - Start button: Starts Program(s) or starts station(s)
    - Manual Start Station — Activates one or more stations immediately
    - Manual Start Program — Starts one or more programs immediately
  - Cancel All button: Stops all irrigation on the controller immediately
  - Advance button: Stops the selected station and activates the next pending station immediately

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IQ4 – Manual Ops Tab

- Irrigation Queue Tab
  - Once connected, the IQ Software retrieves Current Settings from the device:
    - Satellite Status — The satellite can be either Auto (automatic) or Off. If the satellite is Off, watering is suspended. It does not mean that there is no power to the device.
    - Rain Delay — The number of days remaining in a Rain Delay, as physically stored in satellite controller memory.
    - Sensor Switch Status — This indicates the position of the Sensor Switch
    - Sensor Status — Indicates the current status of watering based on the status of the installed sensor. The values are either Normal or Watering Suspended, along with the name of the sensor.
    - Mode - Current irrigation mode
    - FloWatch - Current state of FloWatch
    - FloManager - Current state of FloManager
    - 2-Wire Path (ESP-LXIVM/ESP-LXD only) - Current state of 2-Wire Path

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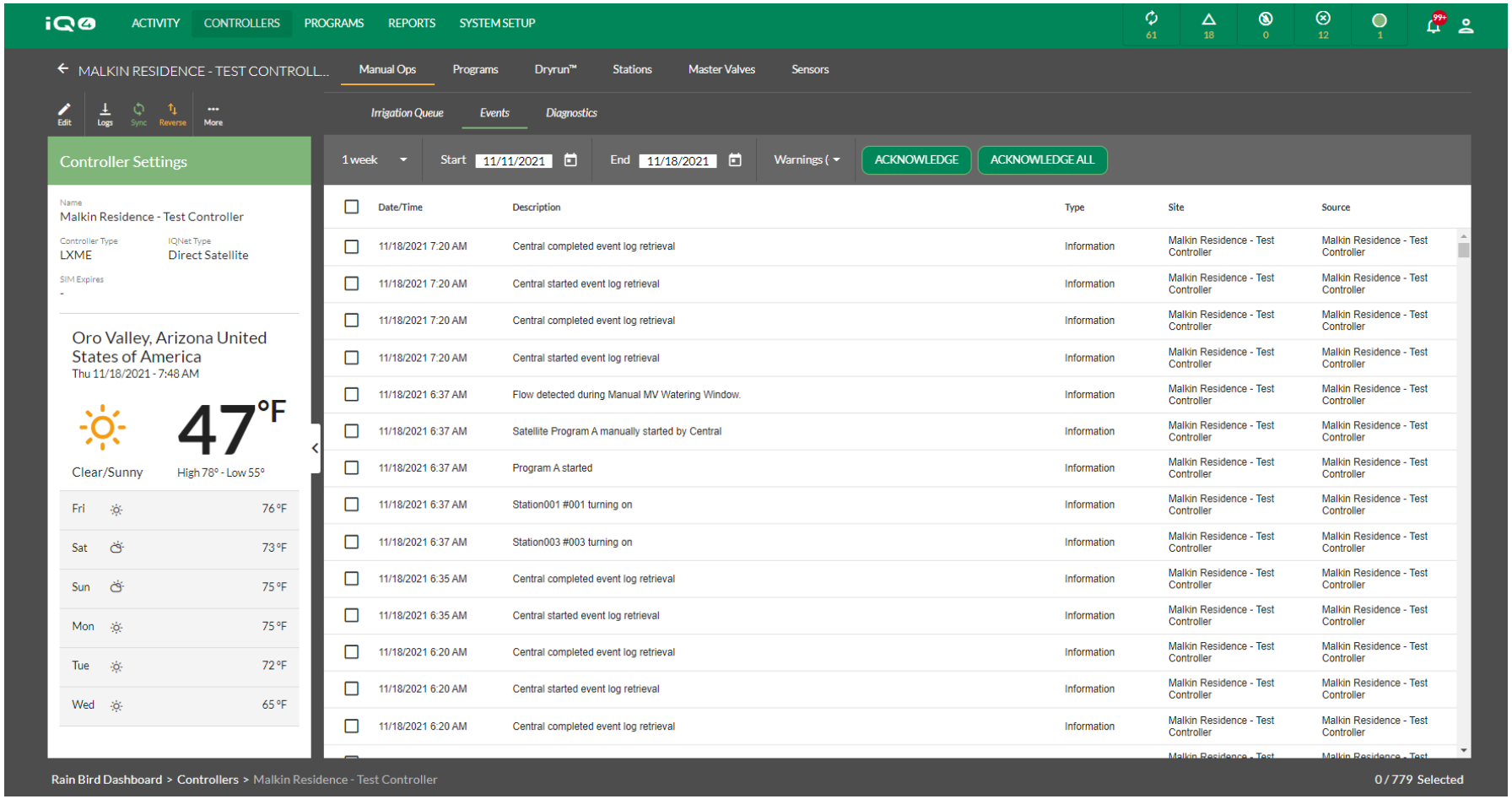
IQ4 – Manual Ops Tab

Events Tab



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IQ4 – Manual Ops Tab

- Events Tab display
  - Displays Events for the past 7 days for just this controller

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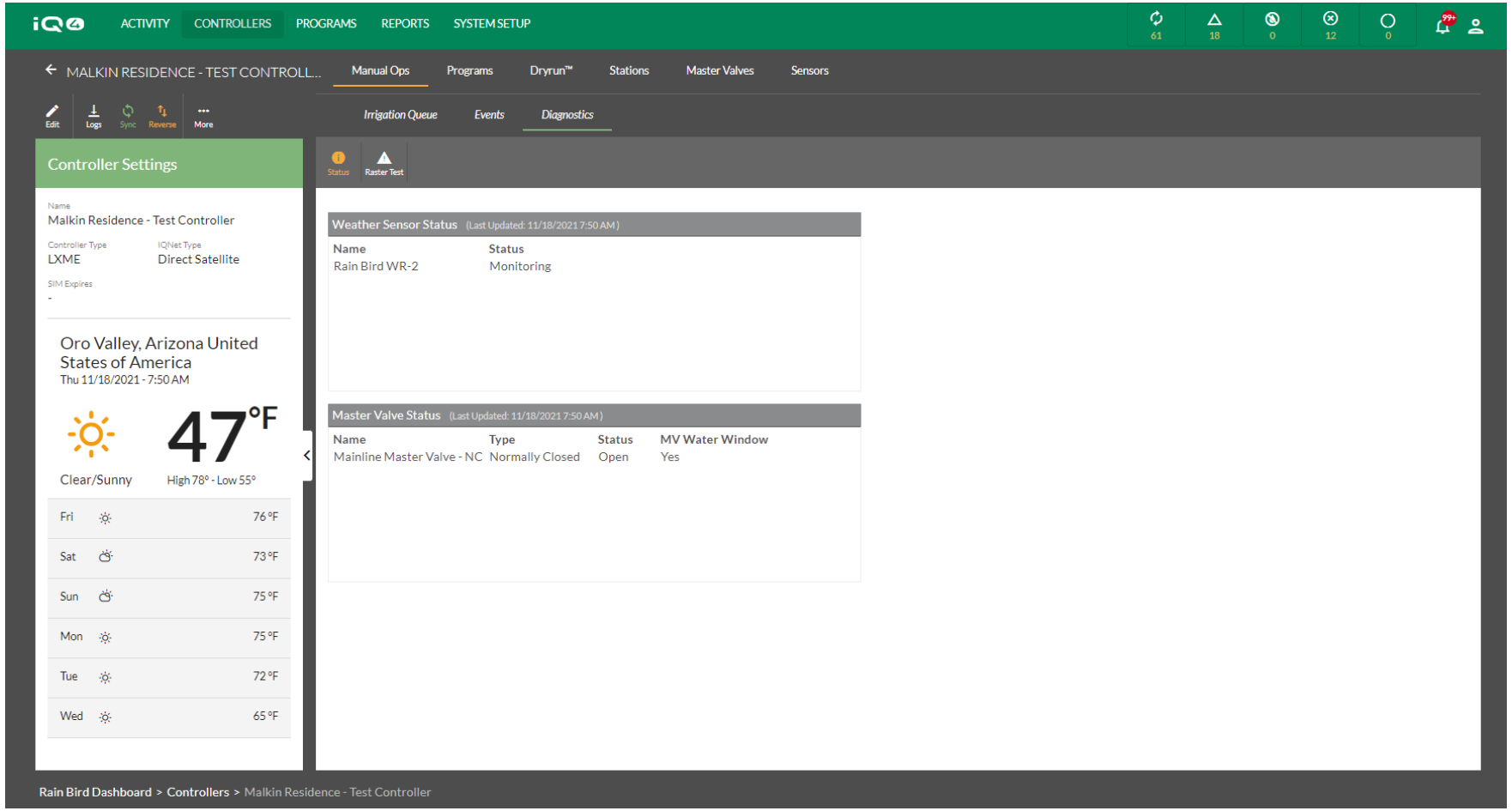
IQ4 – Manual Ops Tab

Diagnostics Tab – ESP-LXME/ESP-LXME2



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IQ4 – Manual Ops Tab

- Diagnostics display – ESP-LXME/ESP-LXME2
  - Displays the local sensor name and status
  - Displays the Master Valve name, type and status along with the Master Valve Water Window setup

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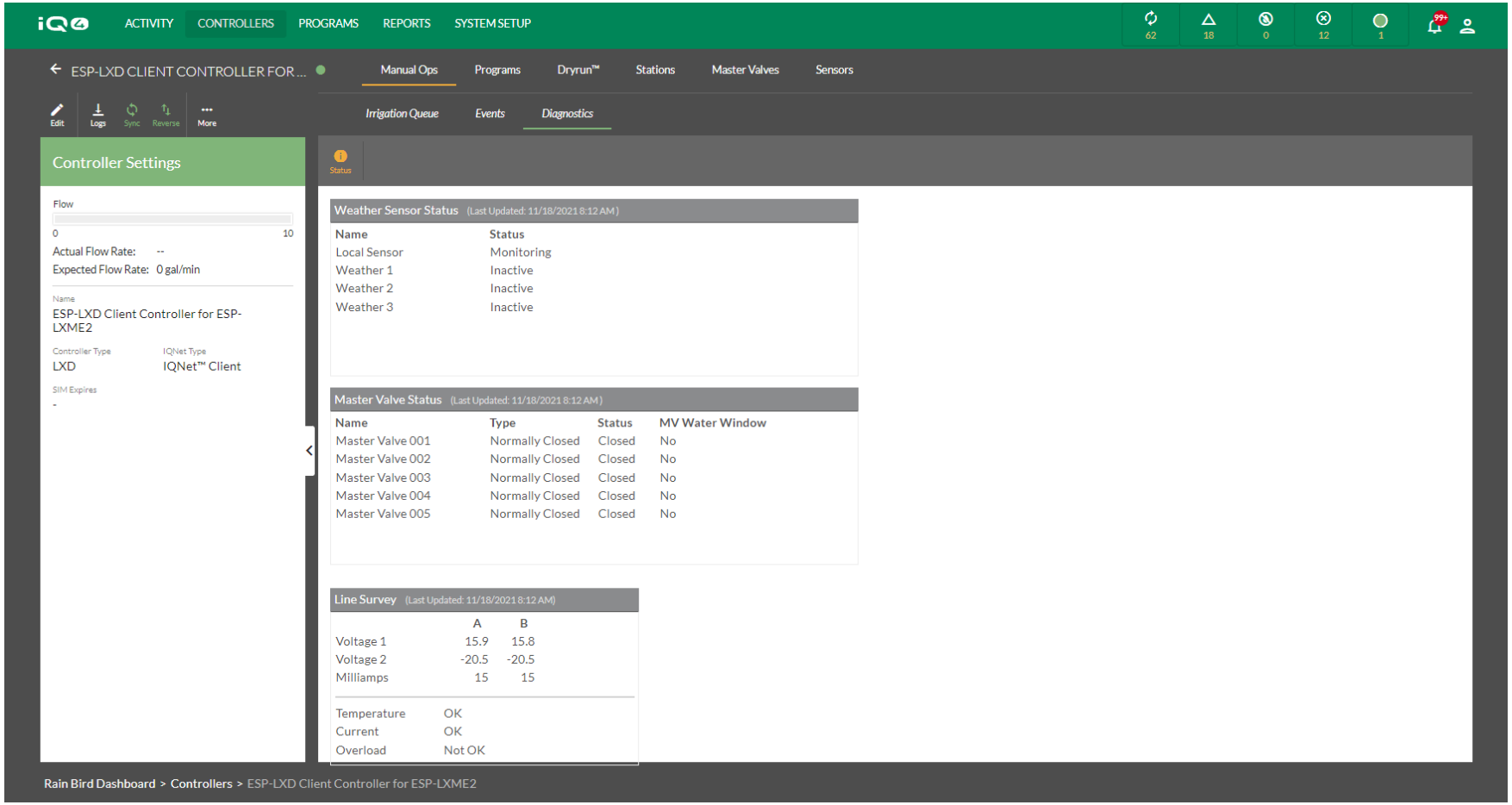
IQ4 – Manual Ops Tab

Diagnostics Tab – ESP-LXD



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IQ4 – Manual Ops Tab

- Diagnostics display – ESP-LXD
  - Displays the local and 2-wire sensor name and status
  - Displays the Master Valve(s) name, type and status along with the Master Valve Water Window setup
  - Displays the Line Survey Status including voltage and current

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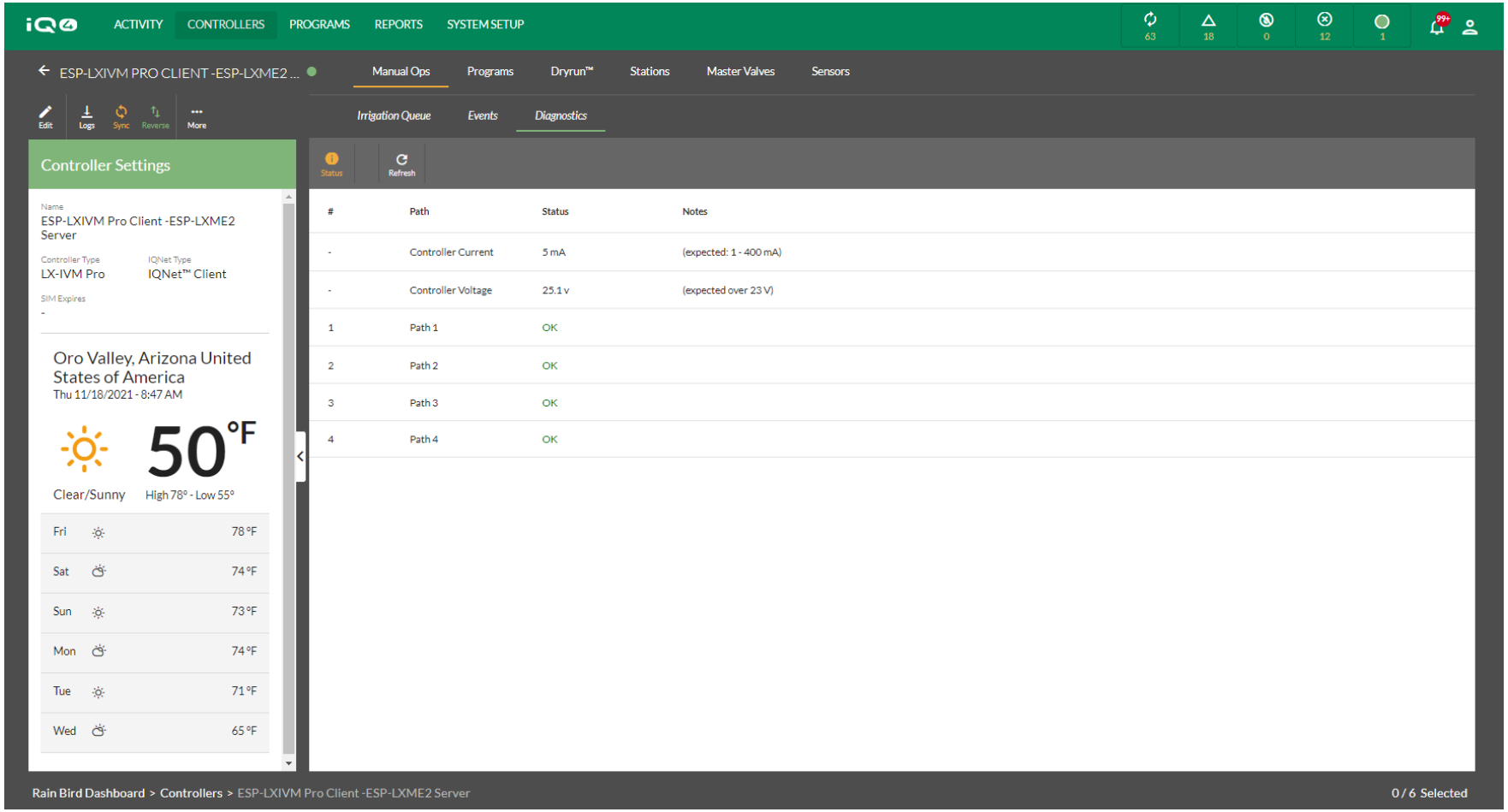
IQ4 – Manual Ops Tab

Diagnostics Tab – ESP-LXIVM/ESP-LXIVM Pro



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IQ4 – Manual Ops Tab

- Diagnostics display – ESP-LXIVM/ESP-LXIVM Pro
  - Displays the current and voltage for the 2-wire system
  - Displays the status of each 2-wire path

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Frequently Asked Questions

FAQs

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