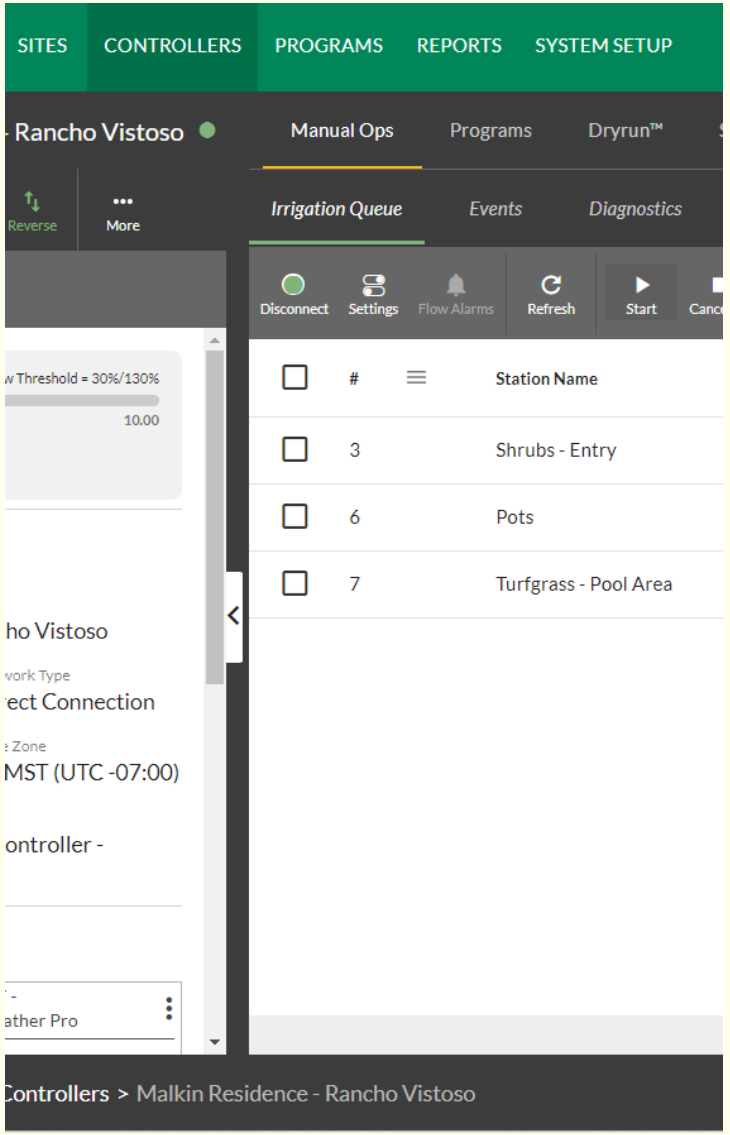
IQ4 – Manual Ops

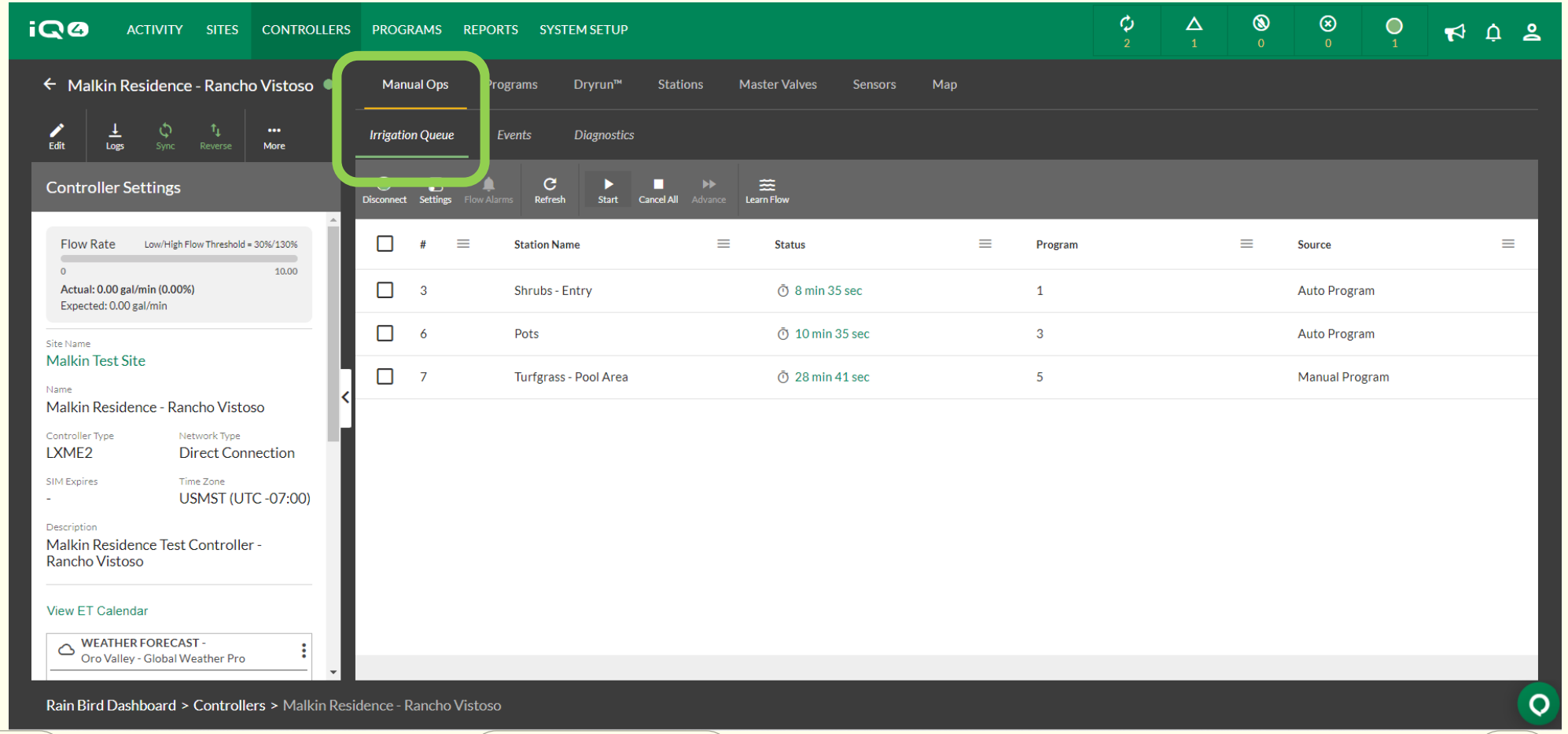
IQ4 – Manual Ops tab

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

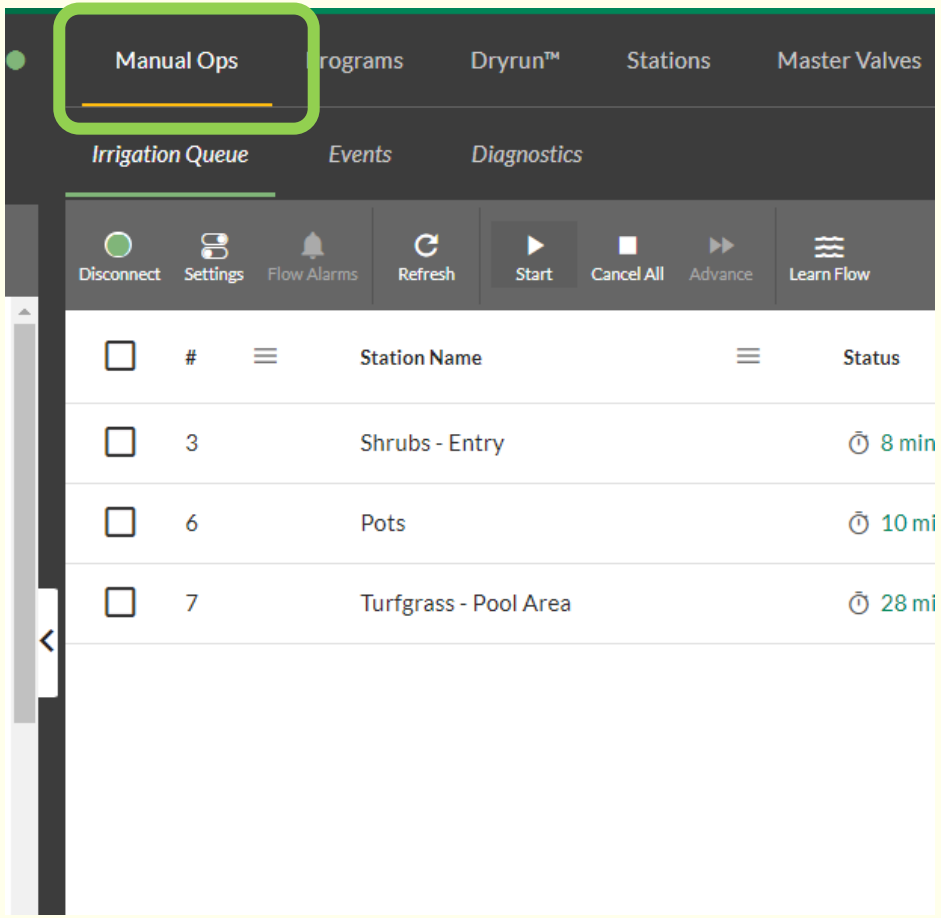
- Irrigation queue of operating, soaking or pending stations
- Flow Alarms monitoring and healing
- Start Programs and/or Stations
- Cancel All irrigation
- Advance selected station
- Review Events for the controller
- Review and initiate Diagnostics for the controller
- Monitor status of Weather Sensors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



IQ4 – Manual Ops tab



IQ4 – Manual Ops tab



Setup items to complete before fully using the Manual Ops Tab

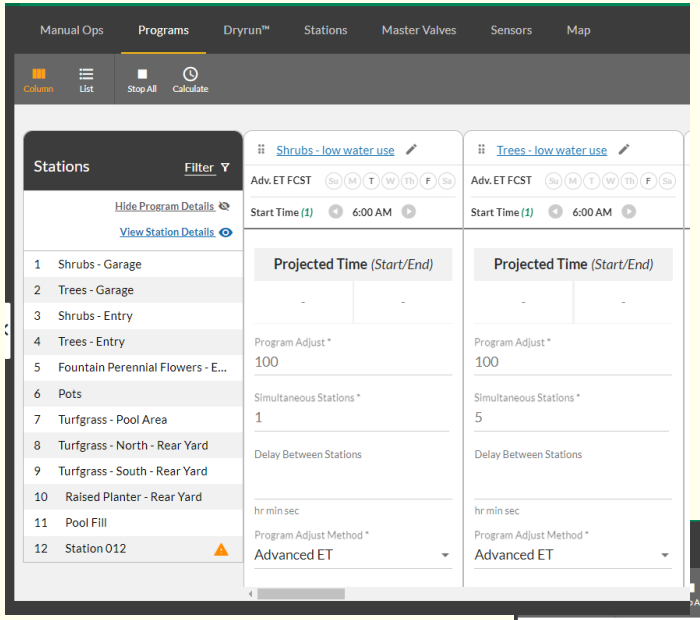
Controller Setup

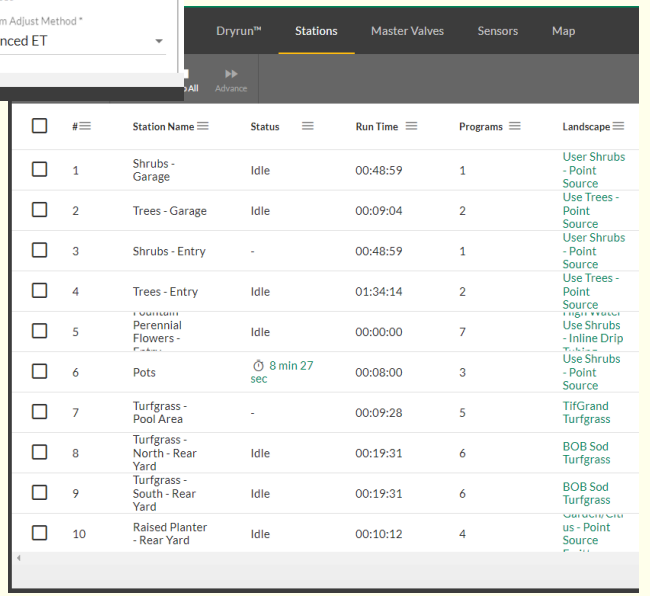
- Flow Sensors
- Master Valves
- Stations
- Programs
- Controller Level SimulStations
- FloManager
- FloWatch
- Controller parameters (Auto/Off, Auto Sync, Scheduled Sync, etc.)

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
- Base Runtime(s)
- Decoder/IVM addresses
- FloZone assignments





IQ4 – Manual Ops

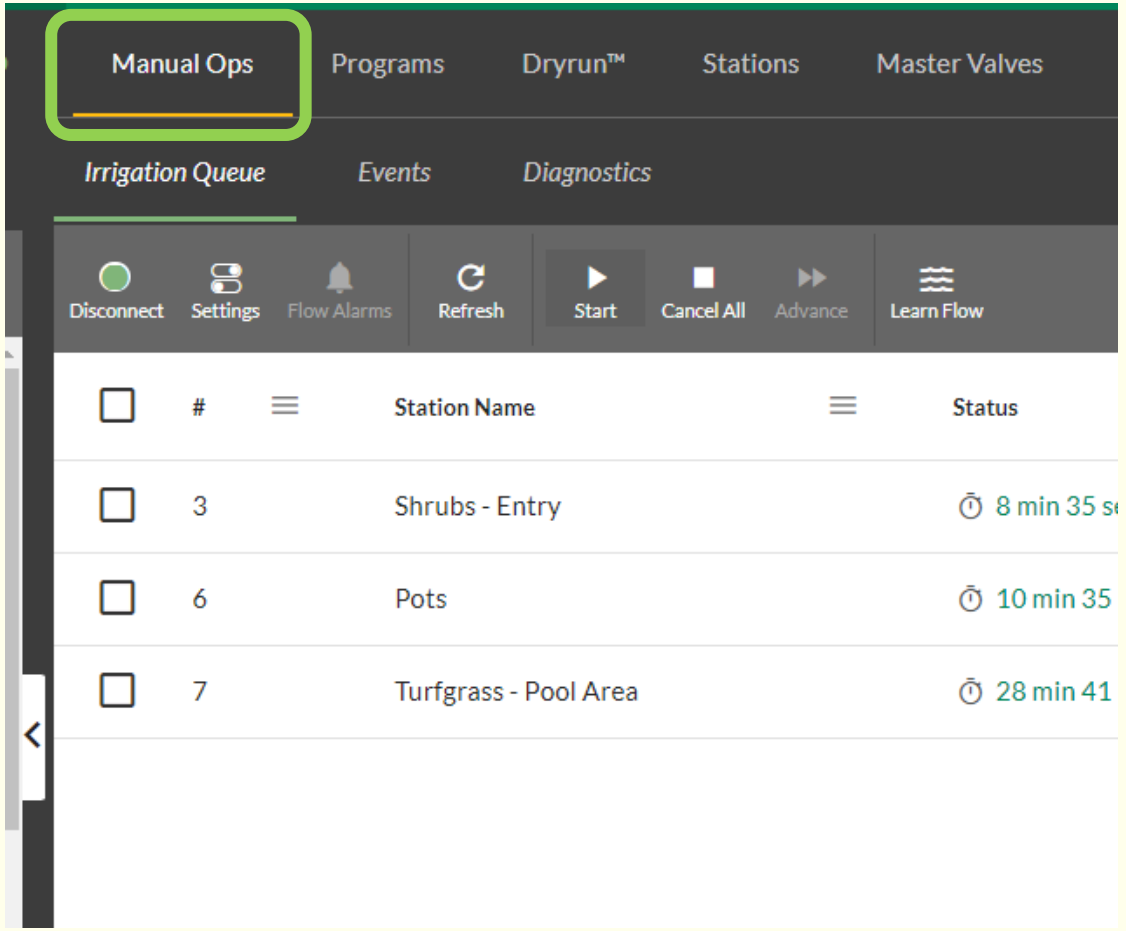
Using the Manual Ops Tab

The Manual Operations tab provides software tools to help you remotely control the operation of controllers using the IQ4 Software.

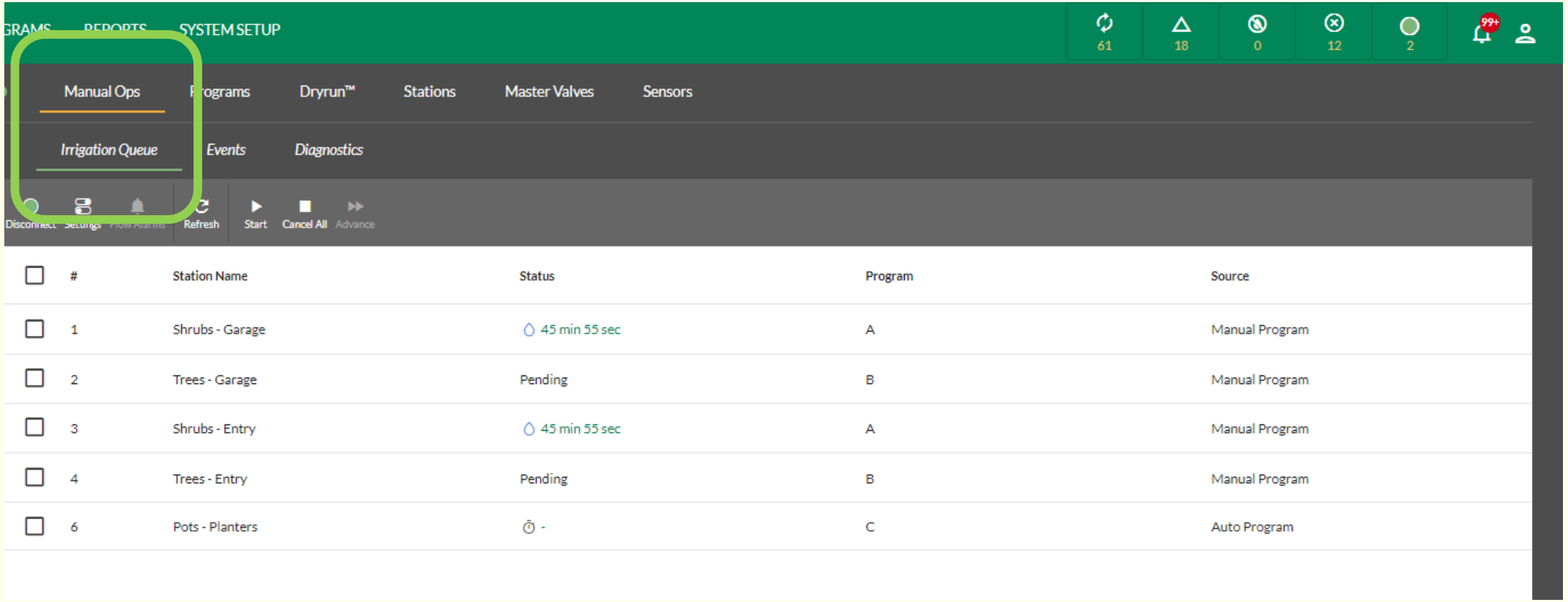
Manual Operations include:

- 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

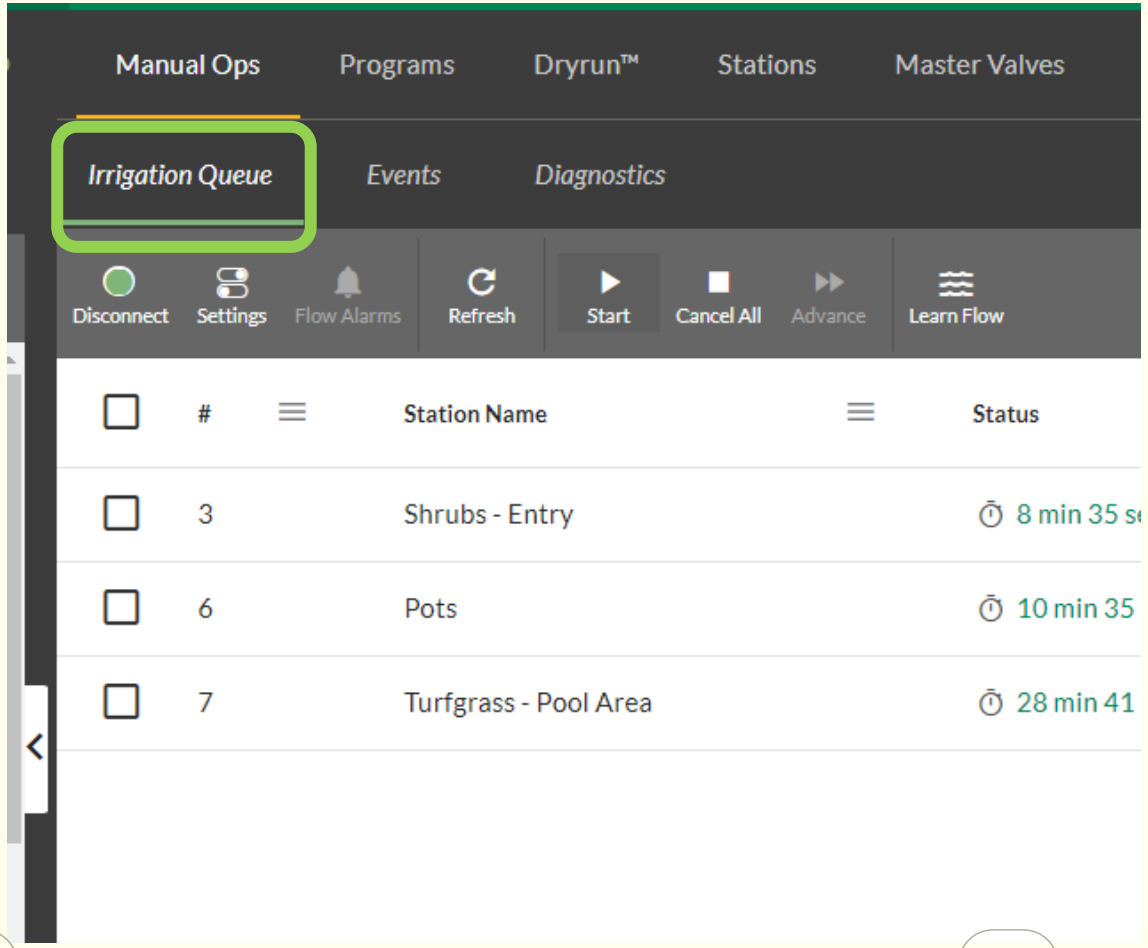


IQ4 – Manual Ops - Irrigation Queue Tab



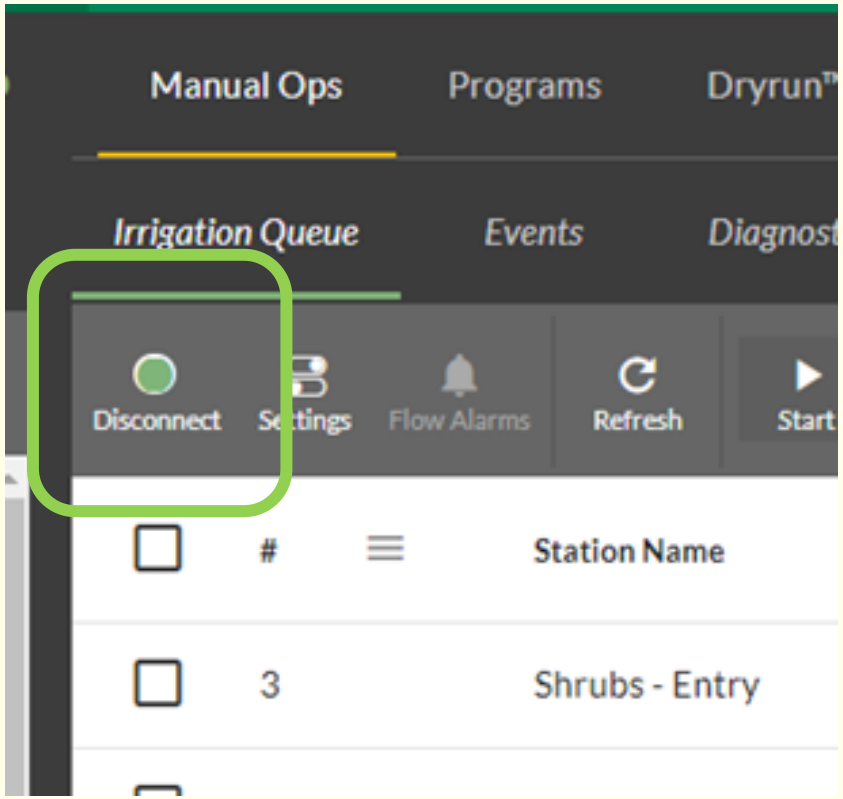
IQ4 – Manual Ops - Irrigation Queue Tab

- 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
- Learned Flow button: initiates the Learned Flow function for the selected stations.

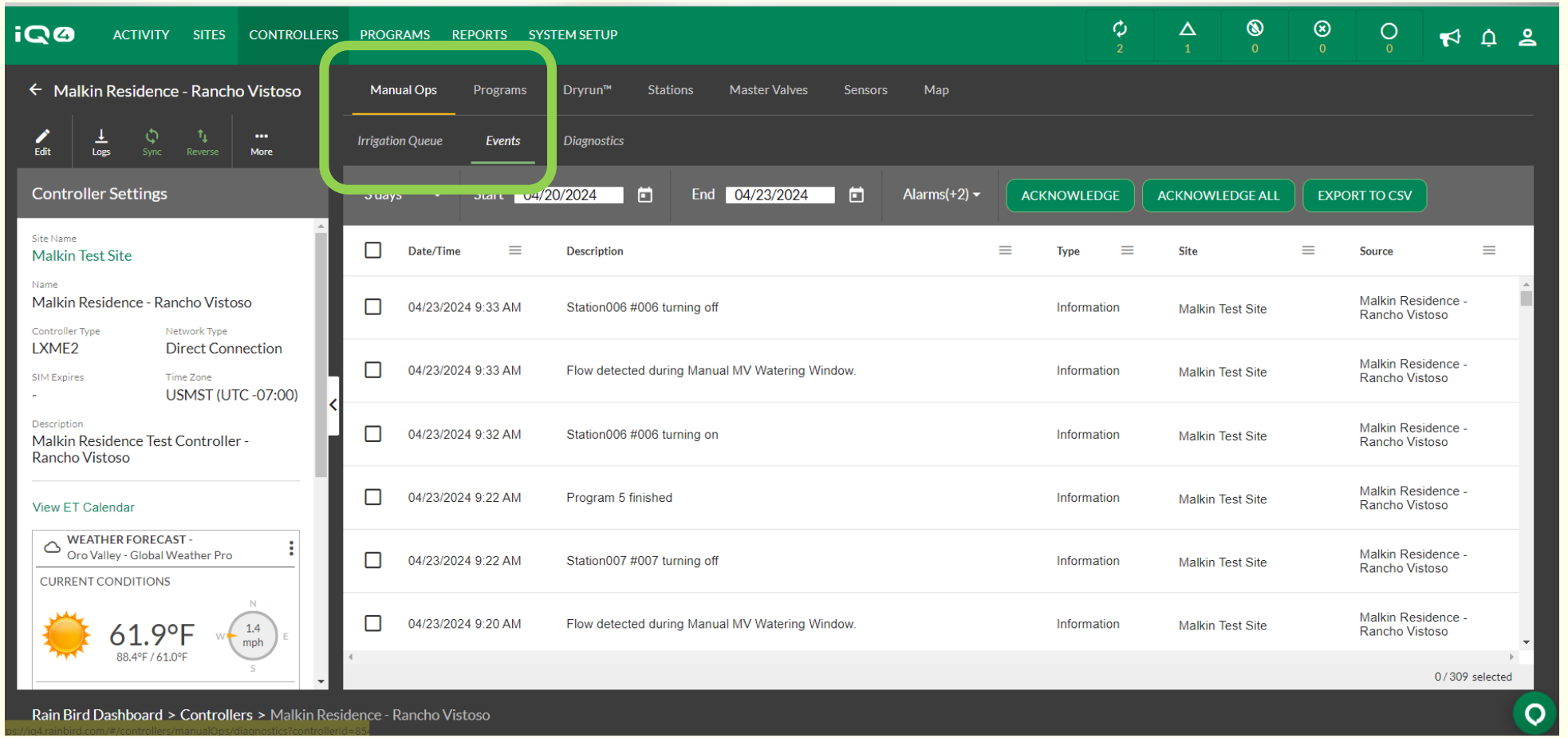


IQ4 – Manual Ops - Irrigation Queue Tab

- 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

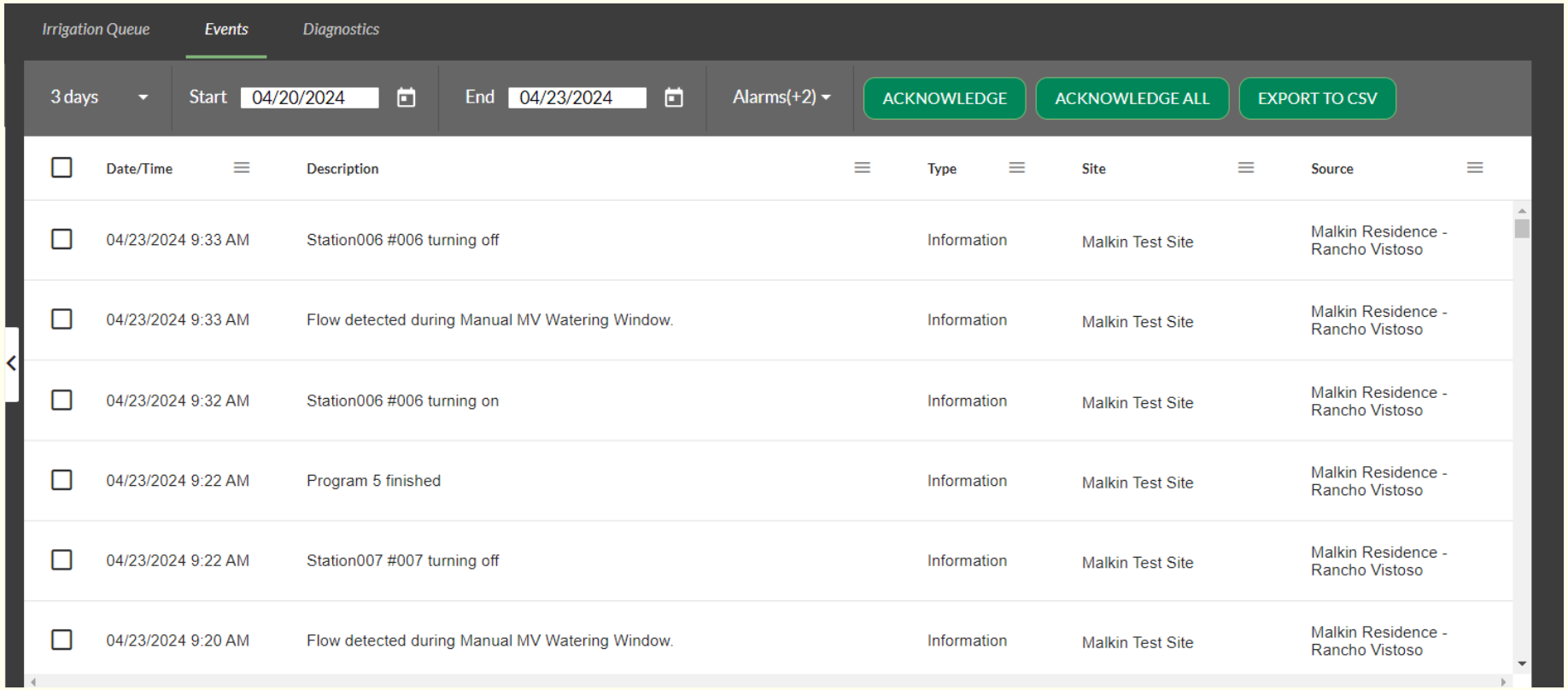


IQ4 – Manual Ops – Events Tab

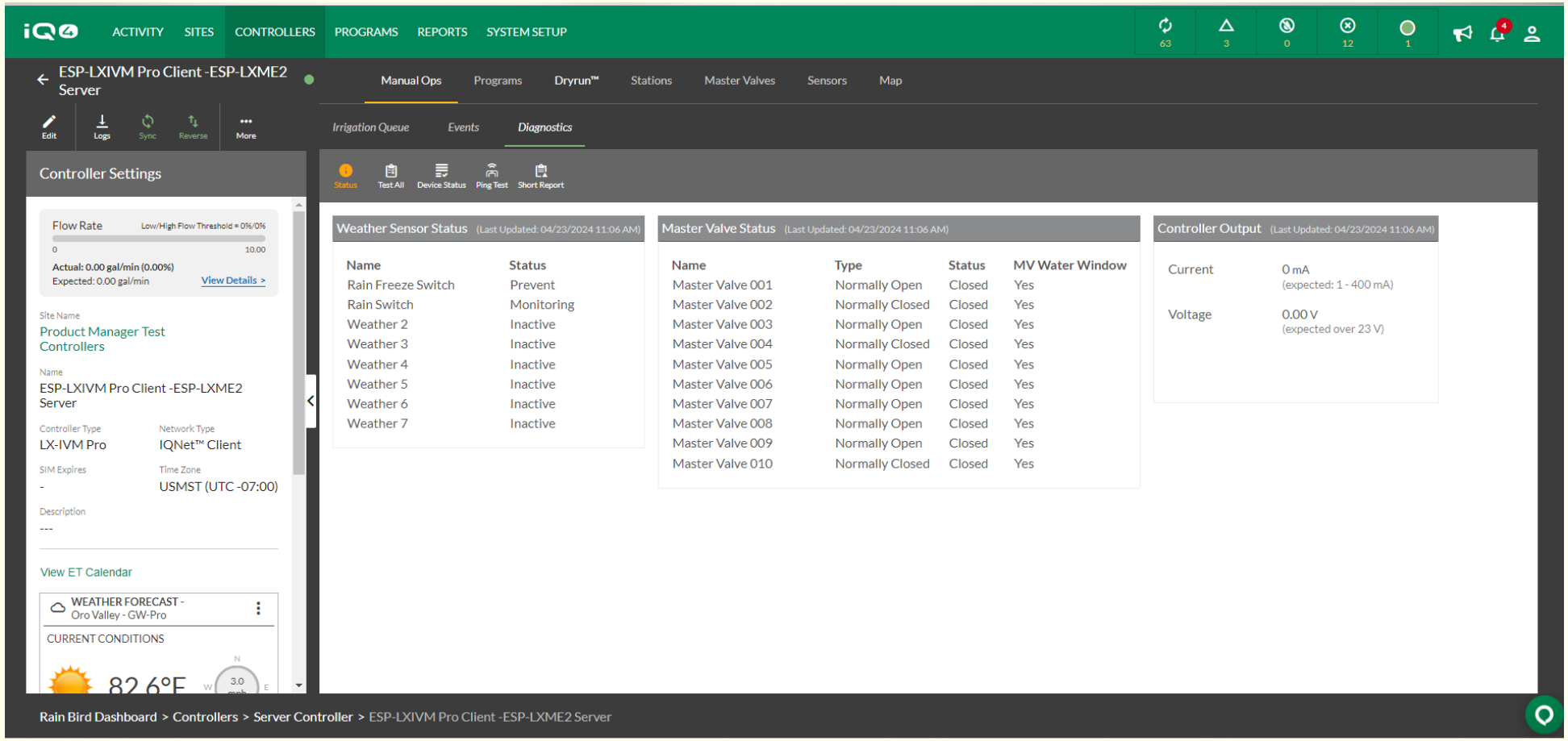


IQ4 – Manual Ops – Events Tab

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



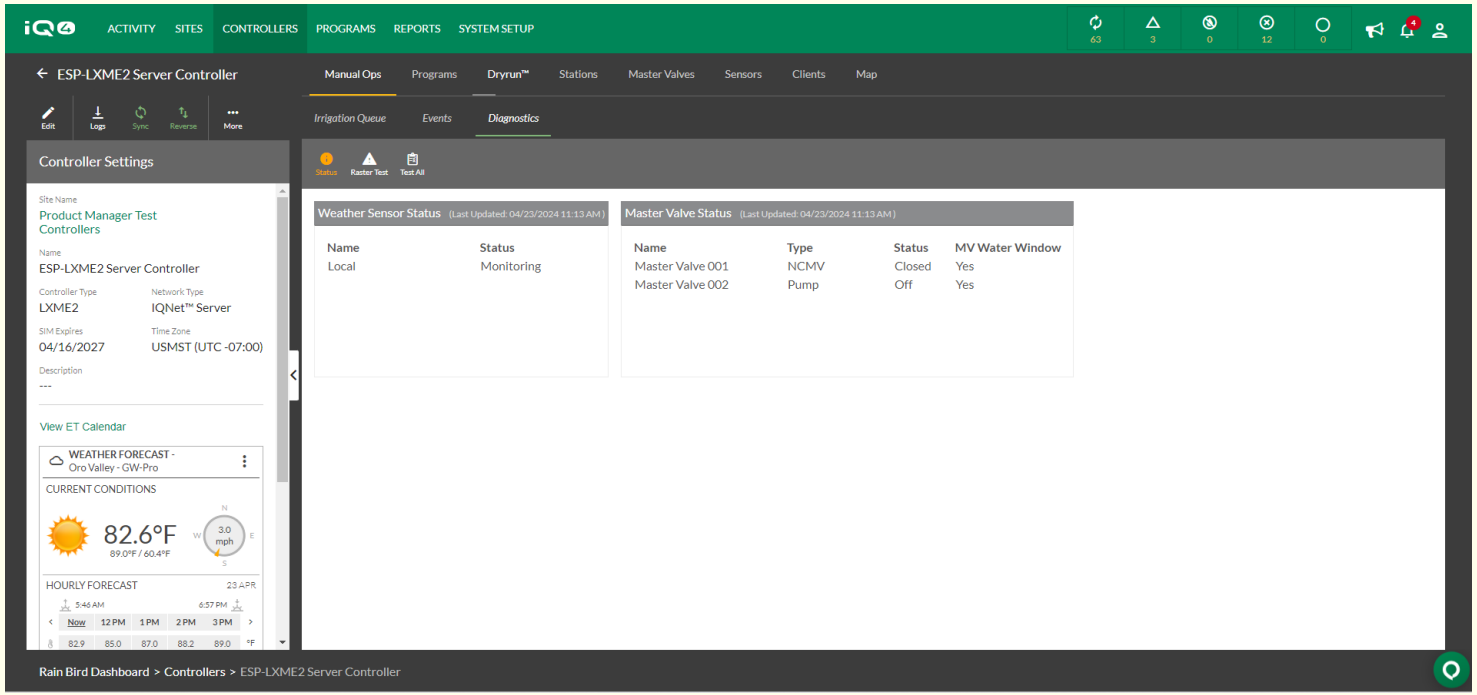
IQ4 – Manual Ops – Diagnostics Tab



IQ4 – Manual Ops – Diagnostics Tab

Diagnostics display – ESP-LXME/ESP-LXME2

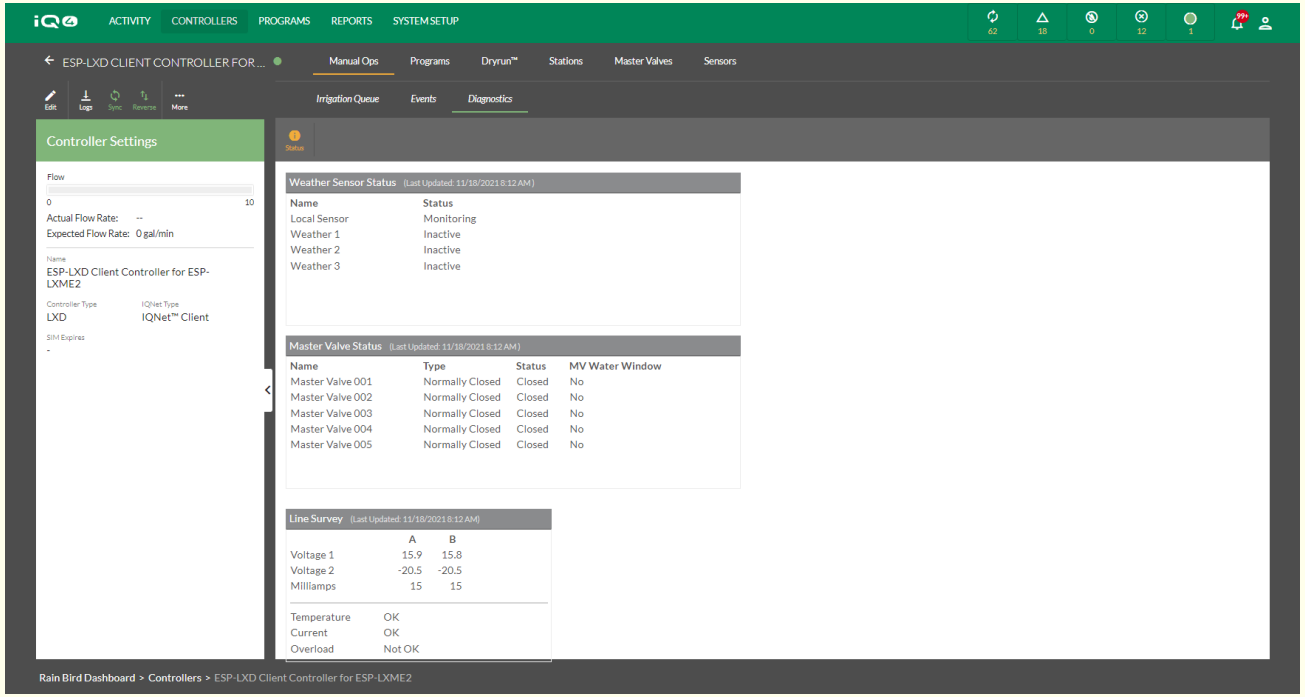
- Displays the local sensor name and status
- Displays the Master Valve name, type and status along with the Master Valve Water Window setup



IQ4 – Manual Ops – Diagnostics Tab

Diagnostics display – ESP-LXD

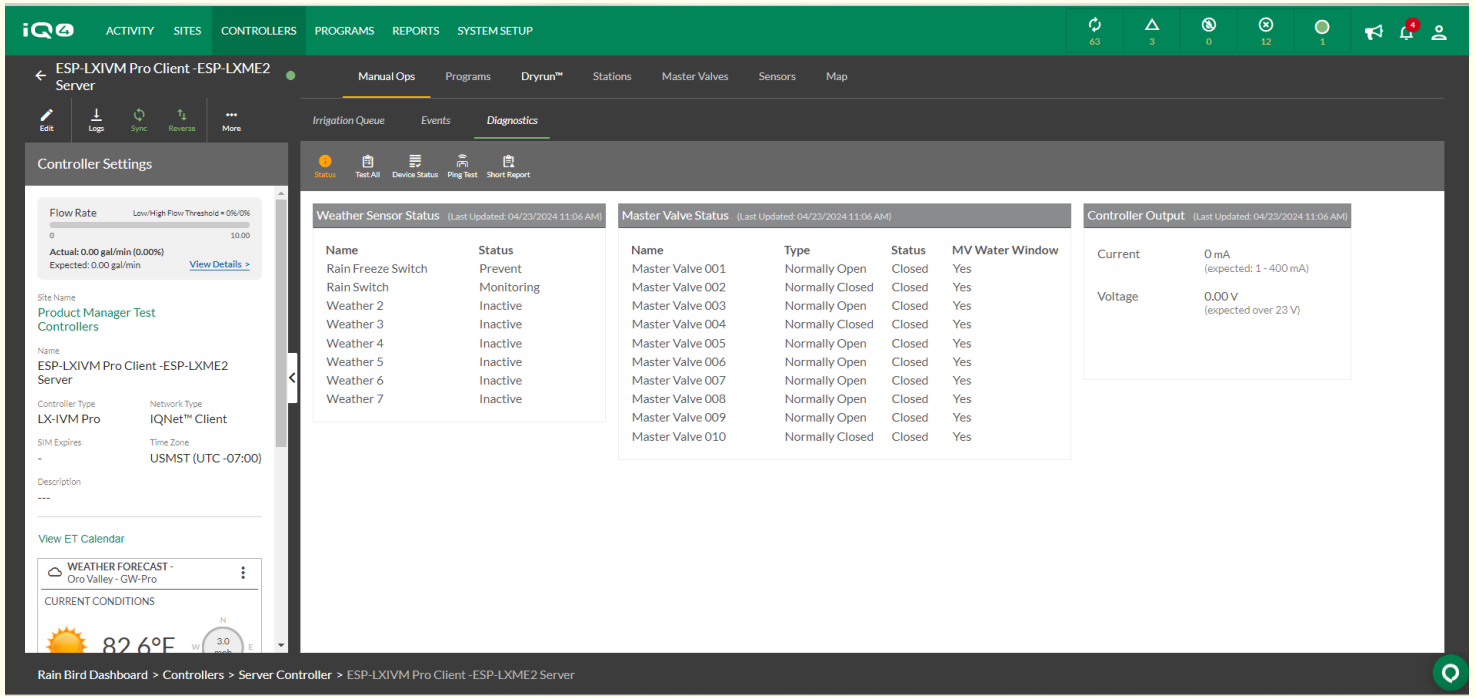
- Displays the local and 2-wire sensor name and status
- Displays the Master Valve(s) name, type and status along with the Master Valve Water Window setup
- Displays the Line Survey Status including voltage and current



IQ4 – Manual Ops – Diagnostics Tab

Diagnostics display – ESP-LXIVM/LXIVM Pro

- 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 Controller Output status including voltage and current



Frequently Asked Questions