**15-309 instruments wiring and programming**

**2105ci programming**

Change site name

Measurements: voltage, rainfall, and sampler

Rainfall tab: user defined, 1.0000 mm/tip

Data storage for rainfall: primary: 1 min; secondary: off

**Sampler tab:** sampler enable: always; sampler pacing: none; enable logging checked

Wireless modem schedule: standard, essentially awake 24 hr/day

**IFC100 wiring**

1. Tin all wire ends
2. Connect terminal L+ to battery positive (+12V) using red wire
3. Connect terminal L- to battery negative using black wire
4. Using length of red wire, connect terminal D to the tan wire (+12V) in the 2105/6712 interrogator cable **on the 2105 side**
5. Using length of black wire, connect terminal D- to the green wire (flow pulse) in the 2105/6712 flowmeter cable **on the sampler side**
6. Using length of black wire, connect terminal D- to the violet wire (rain gauge input) in the 2105/6712 interrogator cable **on the 2105 side**

**Prepare signal and current (coil) cables.**

1. Tin all wire ends
2. Connect current cable drain shield to S, white wire to 7, and green wire to 8. Cut and cap brown wire.
3. Connect sensor cable outer shield to 1, white wire to 2, red wire to 3, and inner shield to S