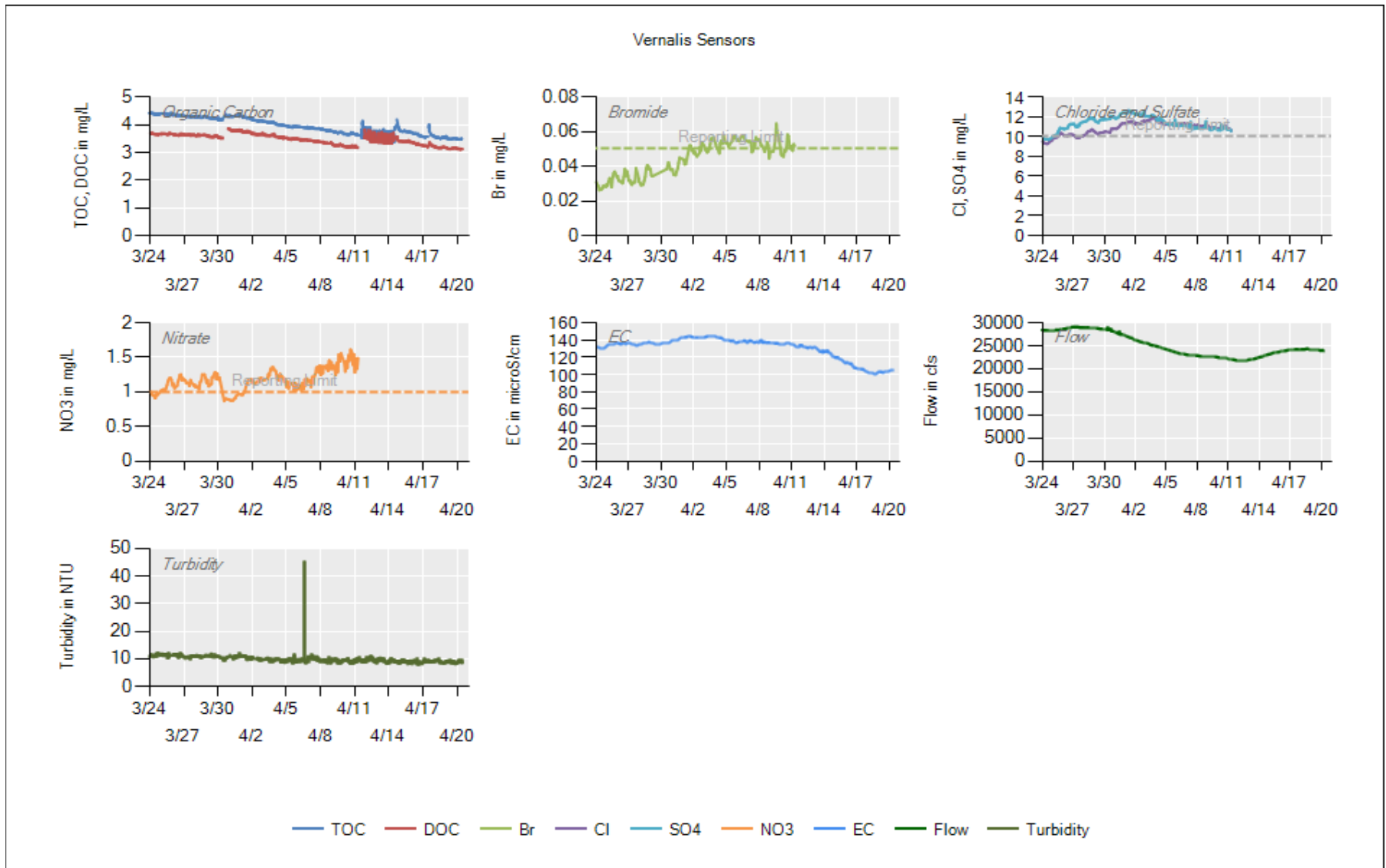
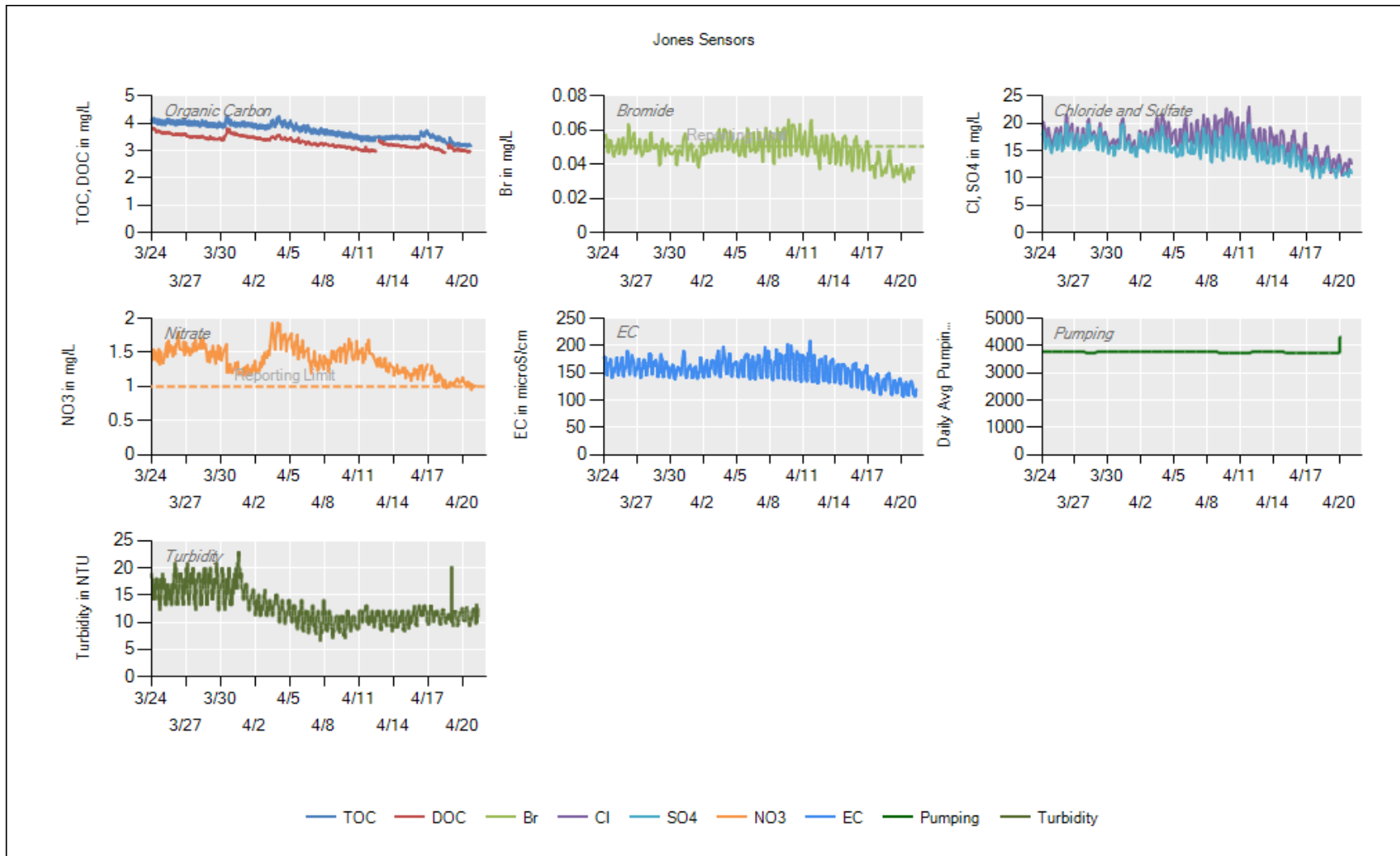


Significant Events: March 24th 2017 to April 21th 2017

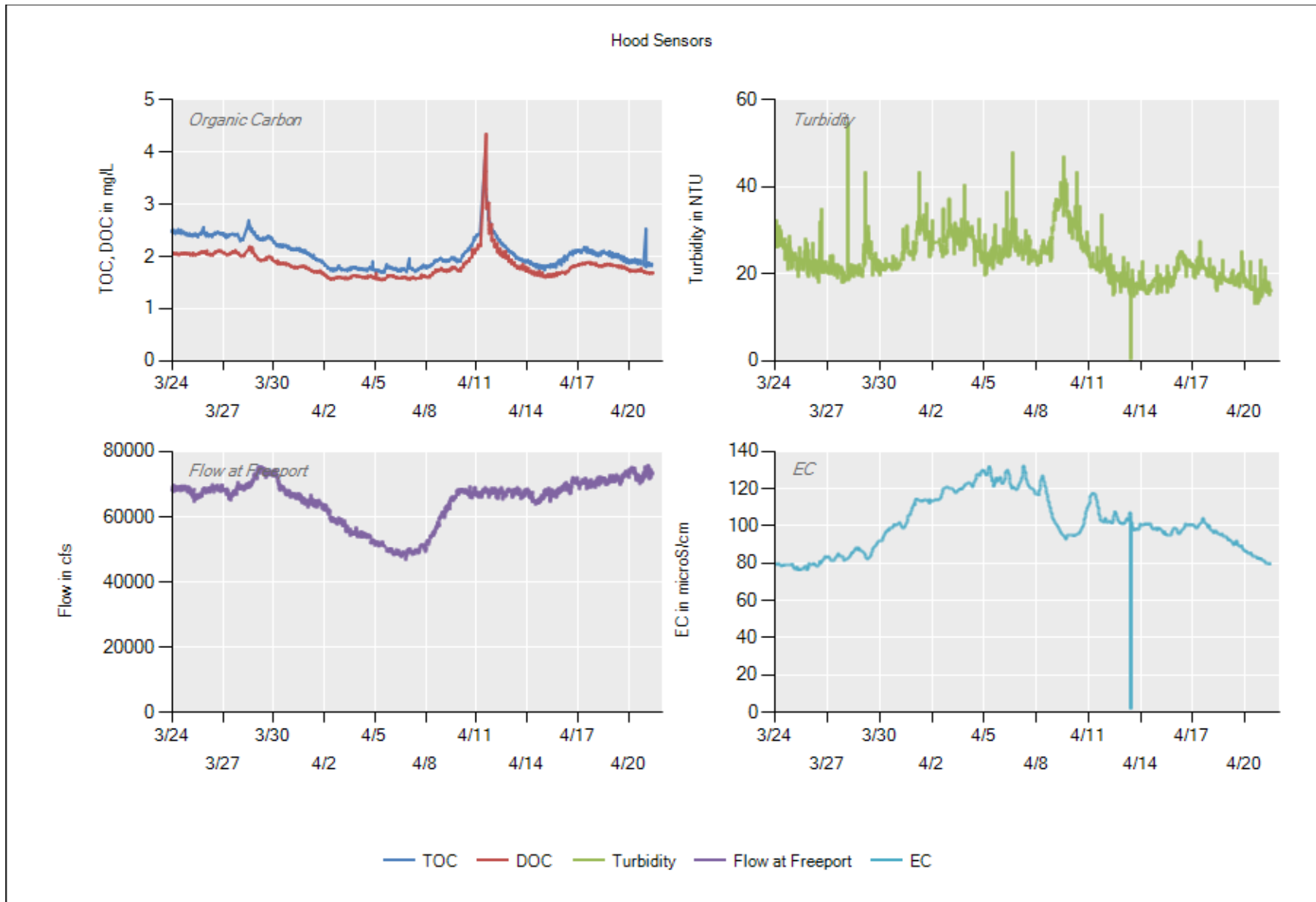
- **4/5 Troubleshoot:** the main water pump for the instruments had to be primed after a power outage at the station.
- **4/18 Troubleshoot:** The Sievers flow magnet was missing, the Sievers was not operational.



Events: 3/31 = QC and filter change. 4/11 = QC and filter change. New suppressor was added to the anion analyzer, which failed to calibrate after multiple attempts. A service visit from Dionex has been requested. Analyzer in "idle" mode for now. 4/12 – 4/17 = Flow sensor on carbon analyzer stuck, allowing analyzer to run continuously until 4/14. Solenoid valves, flow sensor, and manifold cleaned with H₂O₂ on 4/17.

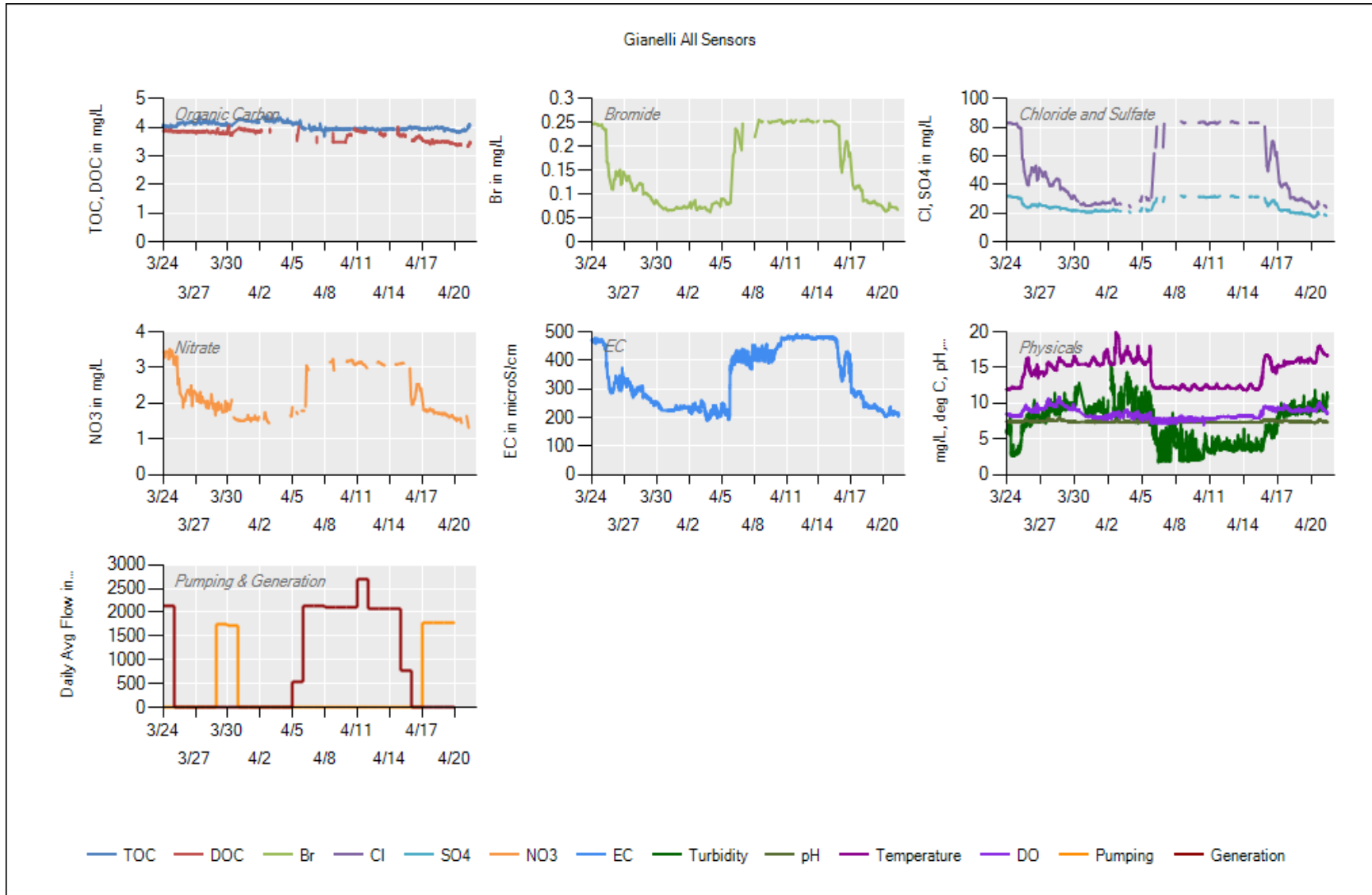


Organic carbon has been reporting continuously since the last update. No major issues to speak of. After filter changes, there is a spike in organic carbon, particularly in DOC. Those values have been omitted. Anion data has been reporting continuously since the last update. No major issues to speak of. Bromide continues to periodically report below the reporting limit (0.05 mg/L). Those data points have been labeled as questionable. Nitrate has reported close to the reporting limit (1.0 mg/L) in recent days.



3/26 – Analyzed all QC samples, rinsed 50 um filter. **4/11** – Analyzed all QC samples, changed all filters.

Gianelli Sensors



- There were several times during the month when the station water pressure dropped and did not have enough pressure to push water through the 0.45 um filter. As a result, there are intermittent lapses in both DOC and anion data.

