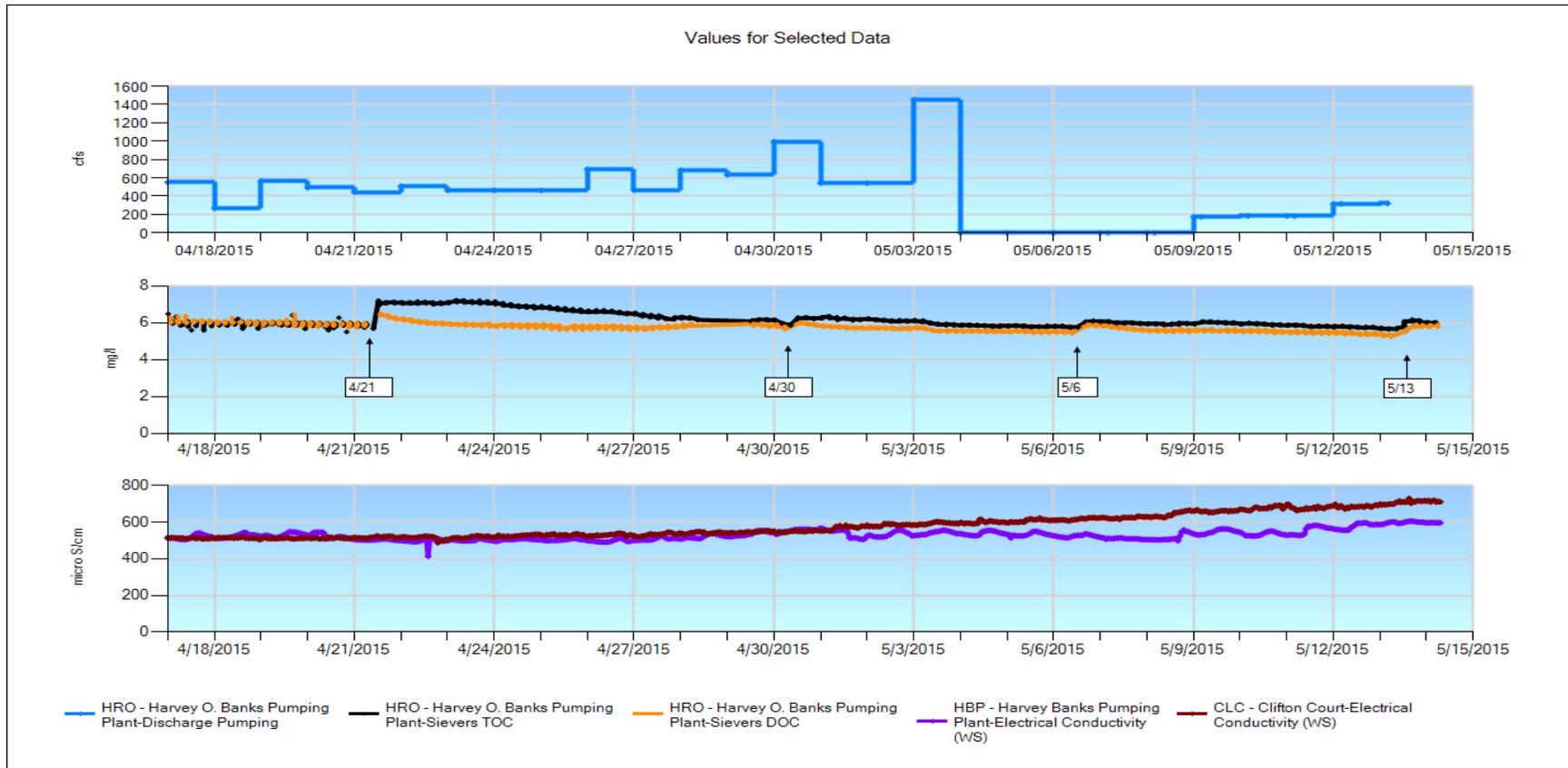


Banks Pumping Plant: Pumping – TOC, DOC – EC Clifton Court Forebay EC



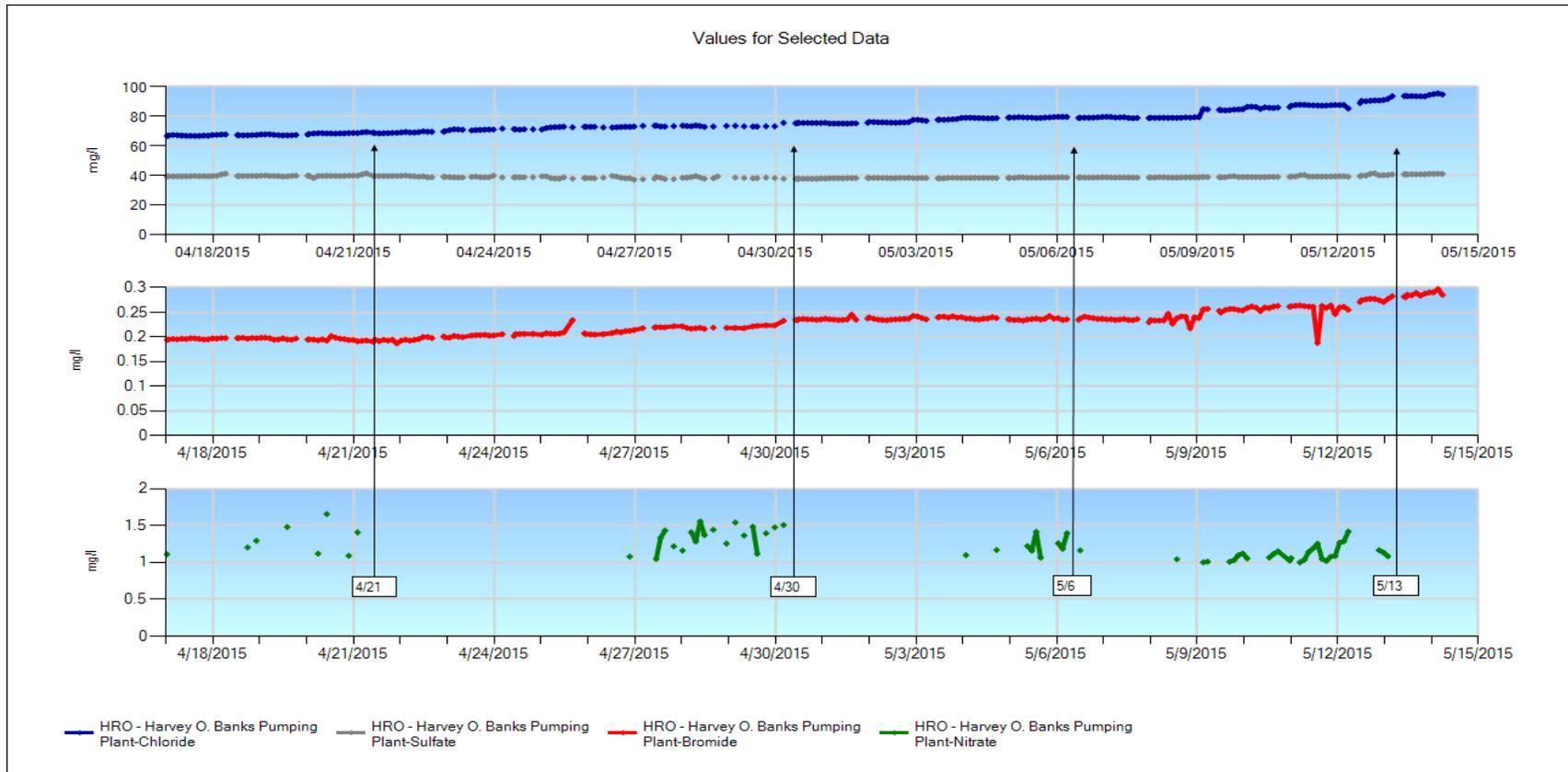
4/21 – Changed all of the sample delivery system filters. The cause of the prior TOC discrepancy was most likely a bloom of the blue-green algae Aulacoseira which overloaded the TOC filters.

4/30 - Changed only the 100 um and 0.45 um sample delivery system filters, replaced all ¼ inch and 1/8 inch sample delivery system lines, analyzed all QC samples.

5/6 - Changed all of the sample delivery system filters.

5/13 - Changed only the 100 um and 0.45 um sample delivery system filters, analyzed all QC samples.

Banks Pumping Plant: Chloride, Sulfate, Bromide and Nitrate

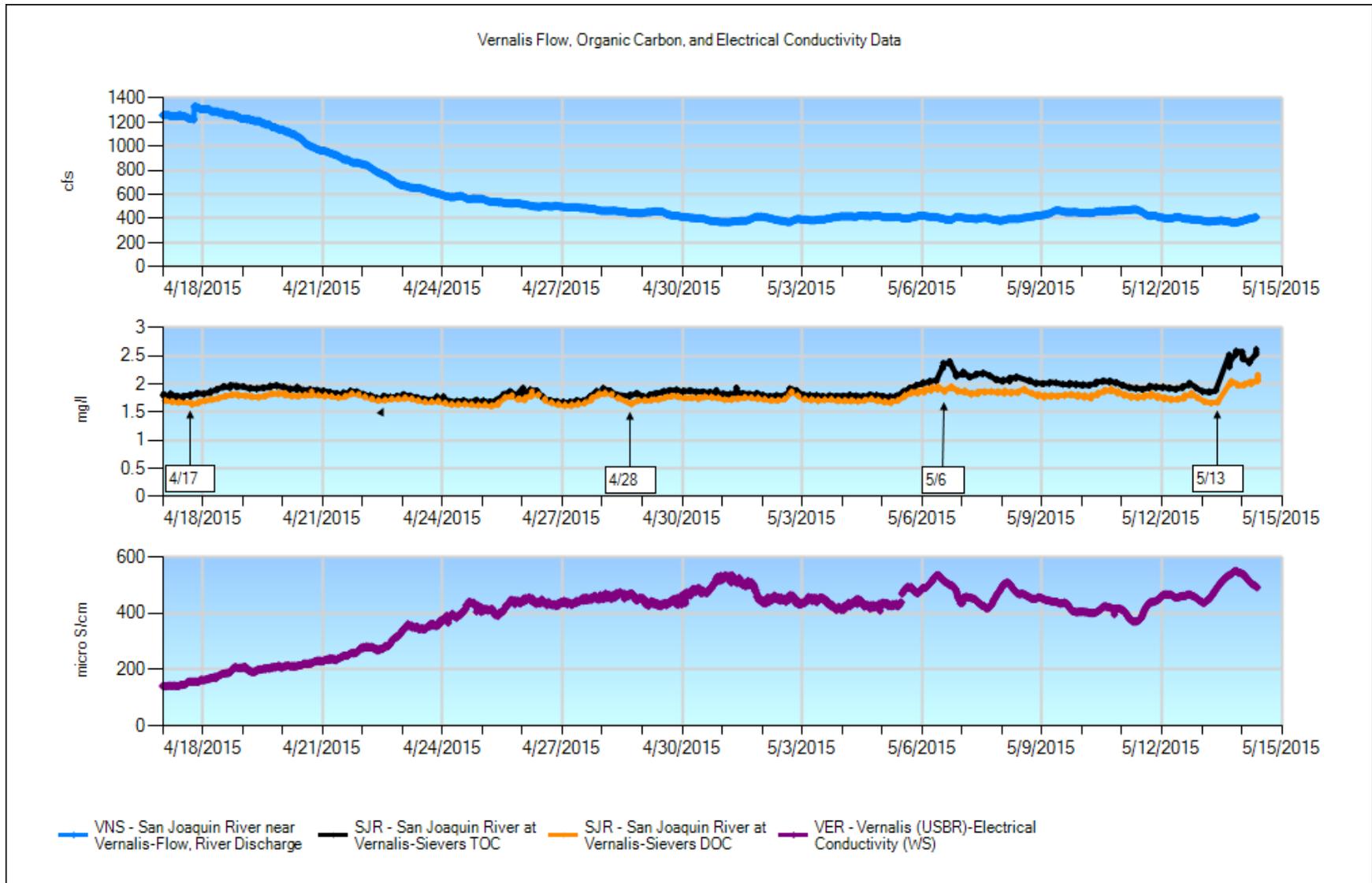


4/21 – Changed all of the sample delivery system filters. The cause of the prior TOC discrepancy was most likely a bloom of the blue-green algae *Aulacoseira* which overloaded the TOC filters.

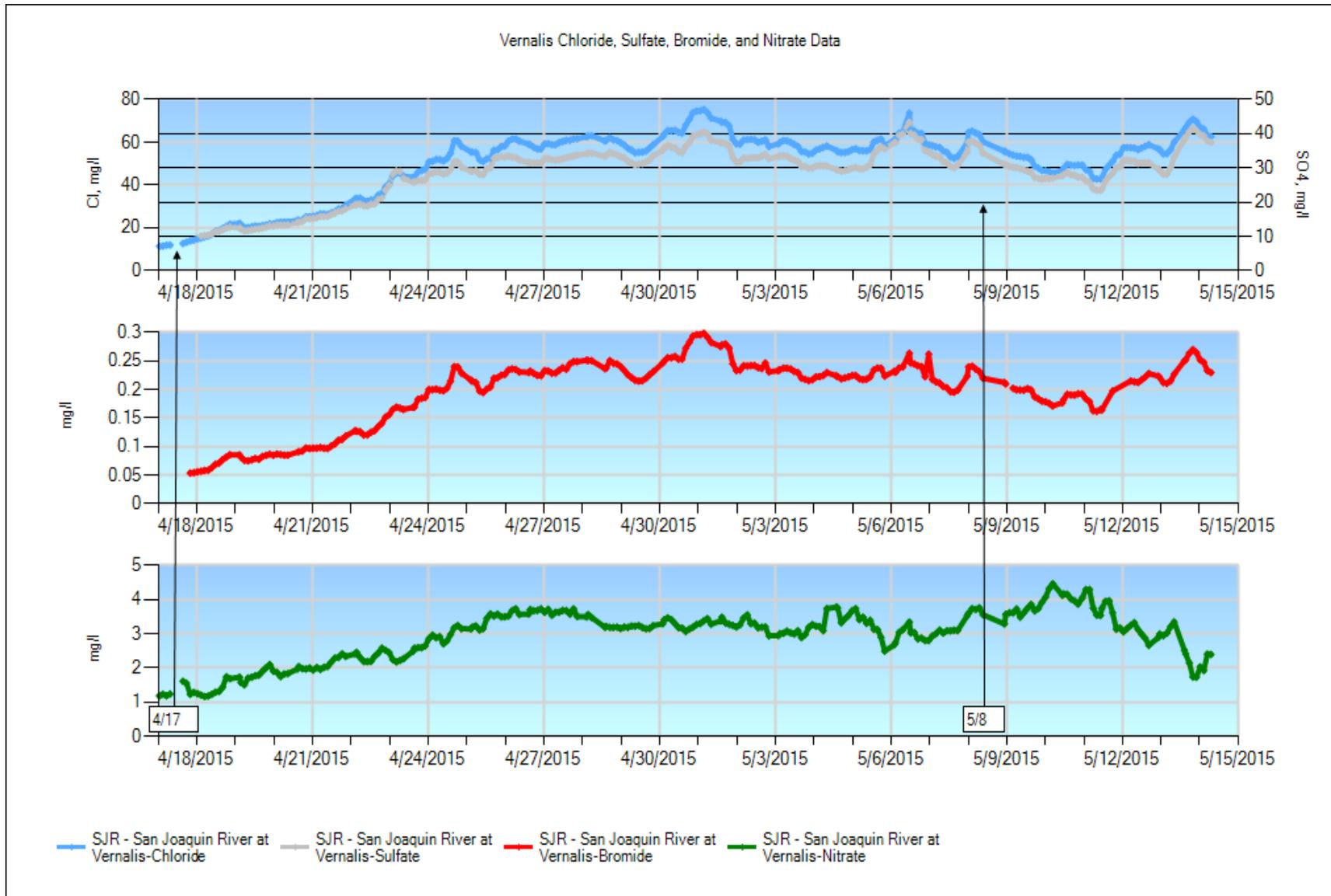
4/30 - Changed only the 100 um and 0.45 um sample delivery system filters, replaced all ¼ inch and 1/8 inch sample delivery system lines, analyzed all QC samples.

5/6 - Changed all of the sample delivery system filters.

5/13 - Changed only the 100 um and 0.45 um sample delivery system filters, analyzed all QC samples.

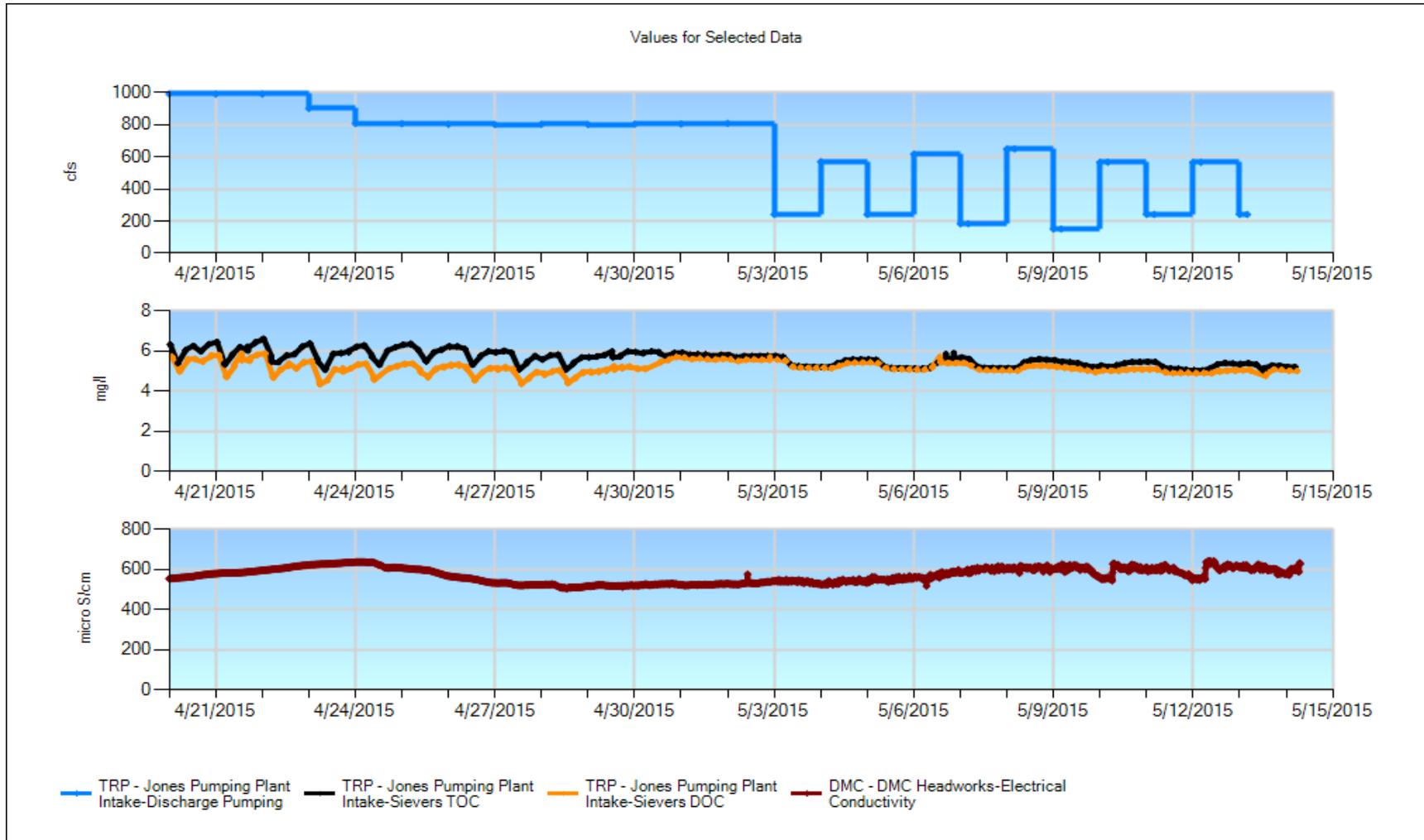


Filter Changes: 4/17 = all filters, 4/28 = all filters, 5/6 = prefilters only, 5/13 = all filters. **Events:** 5/6 = Cleared vegetation away from station's standpipe and intake pump. 5/8 = Added 10' of pipe to the station's water drainage system, at the exit. Pulled up the pump and cleaned the intake on 4/17, 4/28, and 5/13.



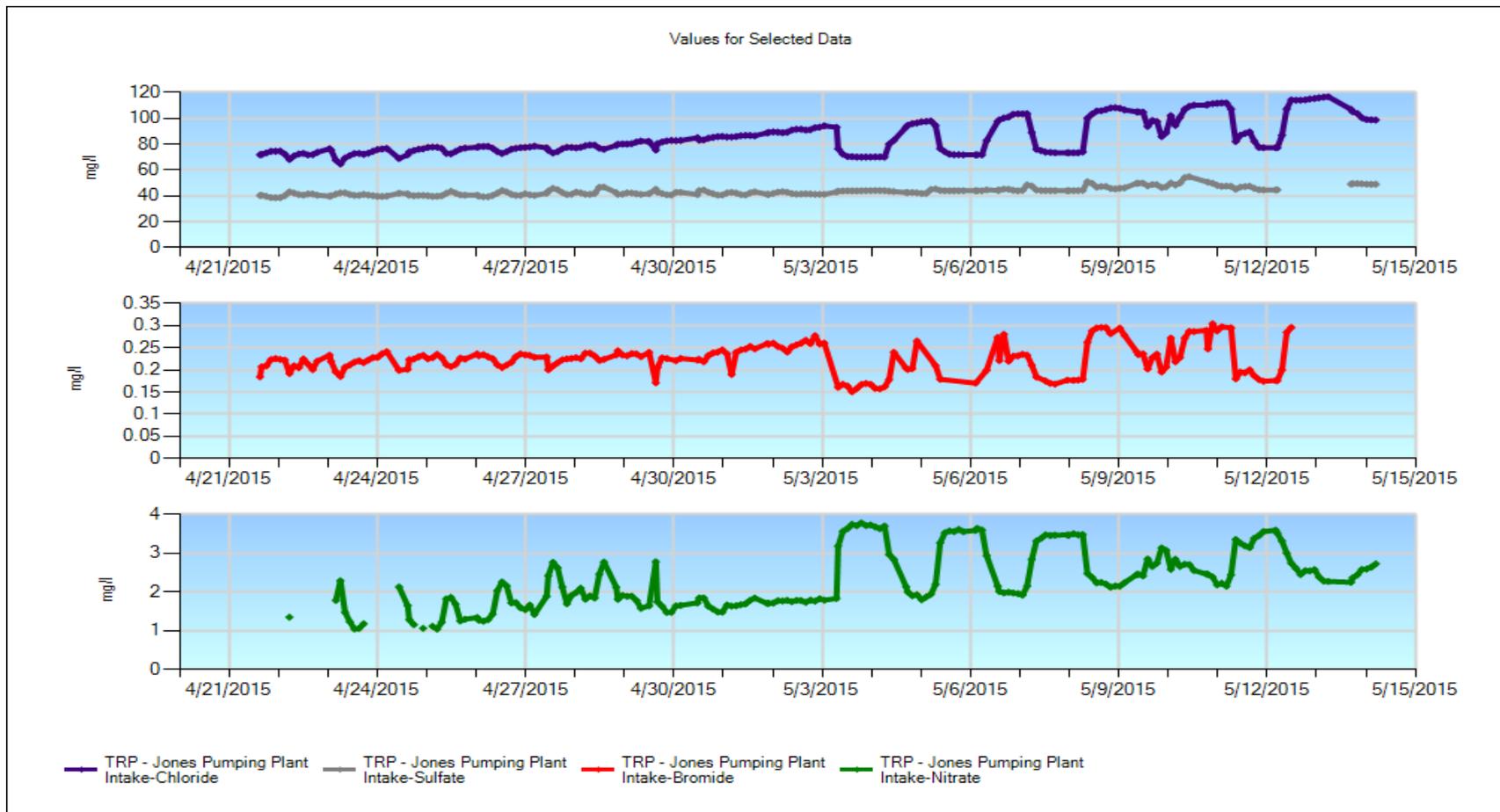
Events: 4/17 = Some anion concentrations below the QC reporting limits, Sulfate at 10 mg/L and Bromide at 0.05 mg/L. 5/8 = Replaced eluent generator and recalibrated Dionex. 5/13 = Flushed Dionex sample flow-through line with hydrogen peroxide.

Jones PP – discharge pumping, TOC, DOC, and EC

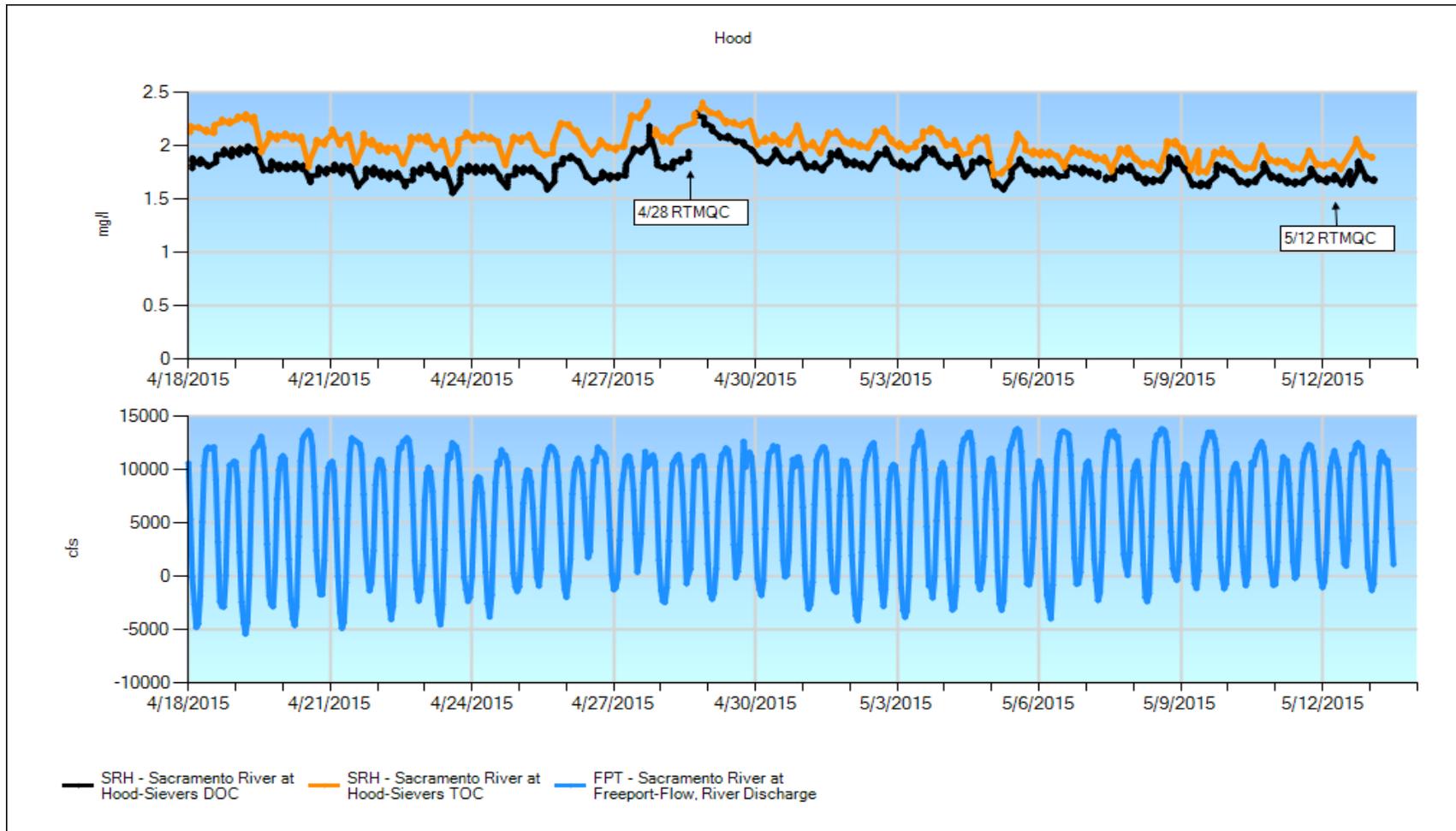


4/21 – filter change 4/29 – pre-filter change 4/30 – 1 micron and 0.45 micron filter change. QC check. 5/6 – filter change 5/13 – filter change. QC check.

Jones PP – chloride, sulfate, bromide, and nitrate



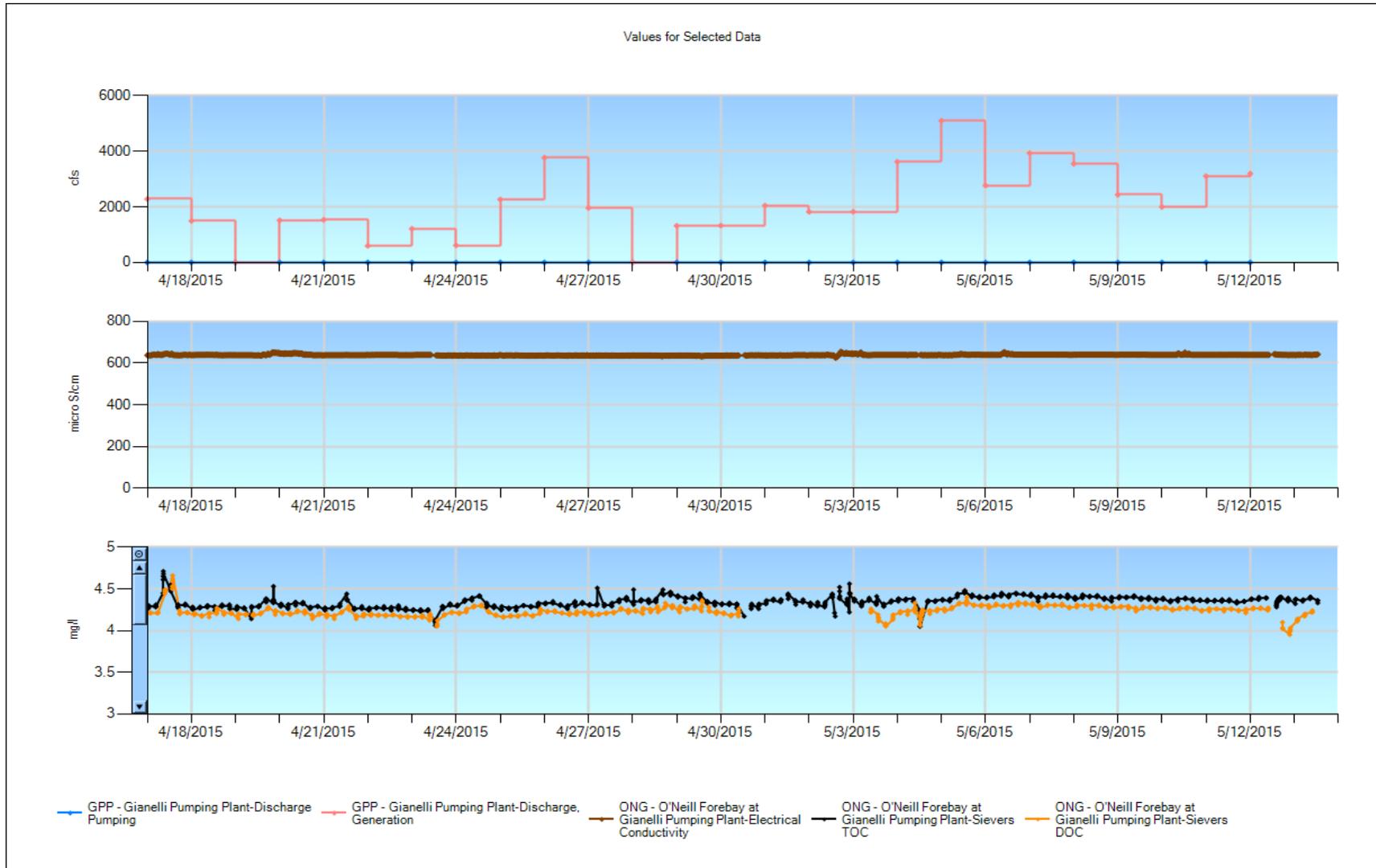
4/20-4/21 – DI water lines started sucking in air resulting in loss of pressure. **4/21-4/25** – Nitrate periodically dipped below the reporting limit. **4/30** – QC check. **5/12** – bromide reporting was shut off due to bad check standard results. **5/13** – Dionex preventative maintenance. Guard column change. **5/14** – calibration.



Significant Events: April 18th 2015 to May 14th 2015

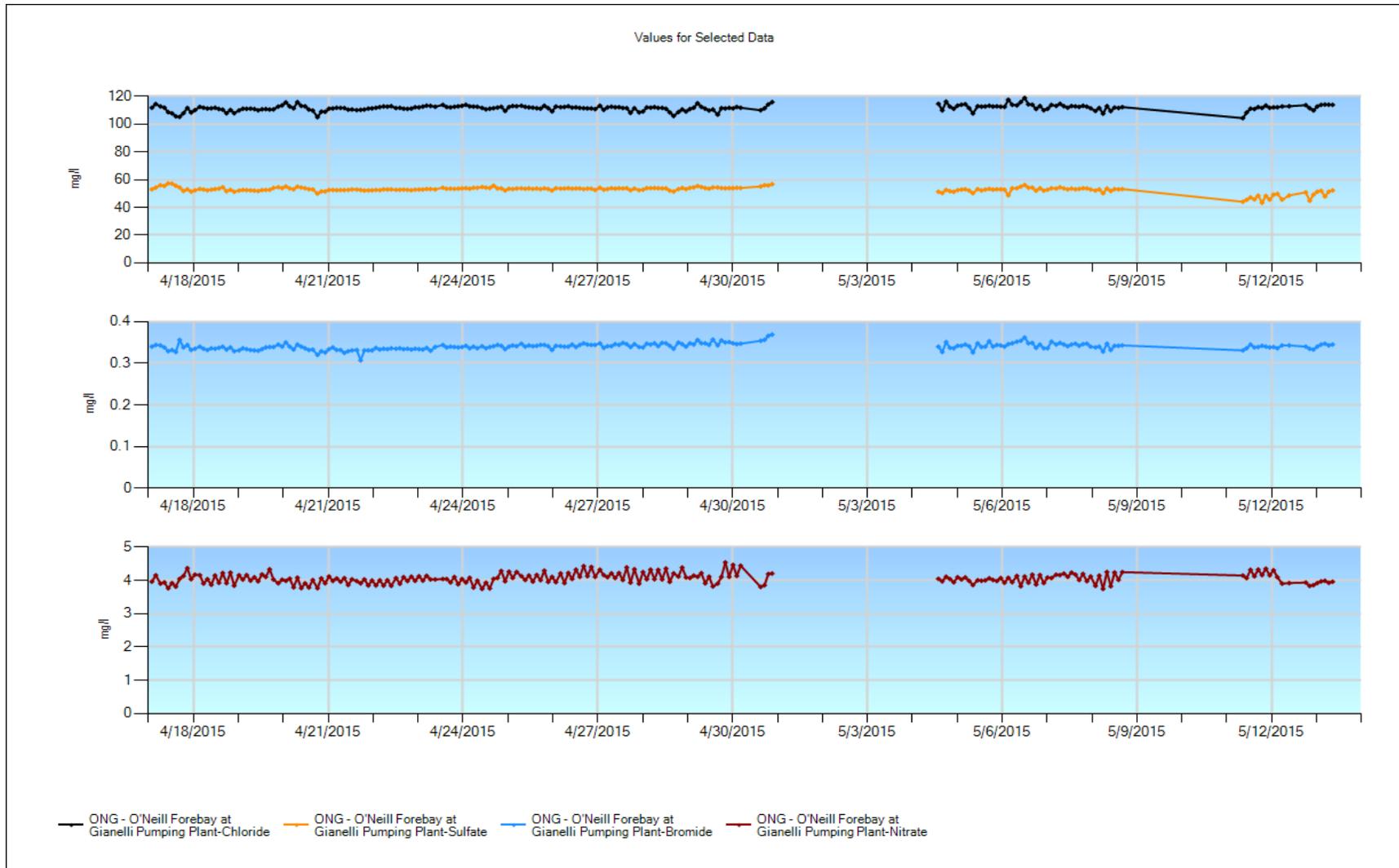
- **4/28 RTMQC:** Changed 75 μ (micron) and .45 μ Filters. The .45 μ filter was not flushed. This caused the first few readings to read very high on DOC and TOC.
- **5/12 RTMQC:** Changed the 75 μ and 50 μ filters, flushed the DI loop restrictor tubing on the Sievers.

Gianelli – Pumping, Organic Carbon, EC



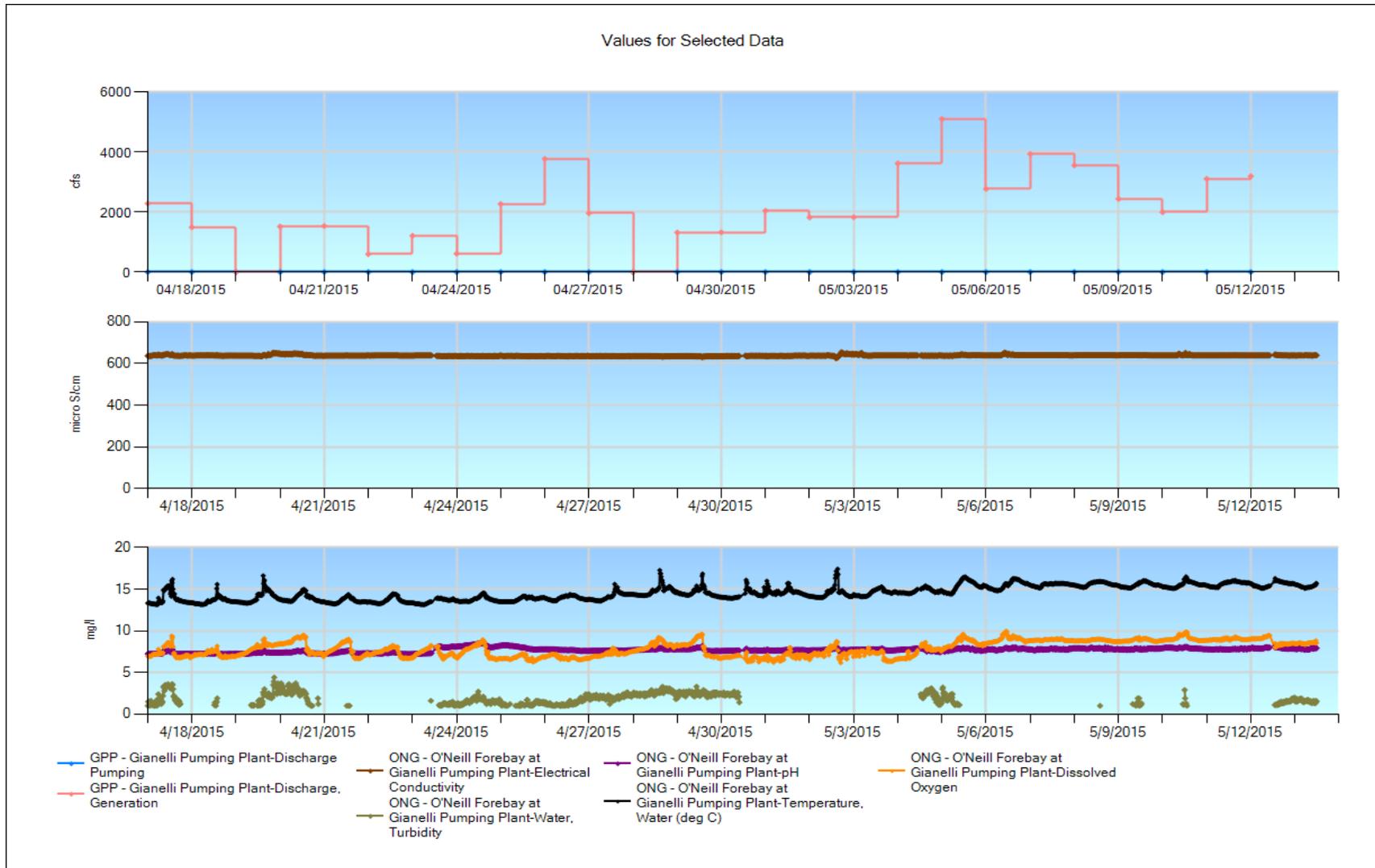
➤ DOC (4/30 – 5/3) --- Low flows caused erratic readings.

Gianelli – Chloride, Sulfate, Bromide, Nitrate



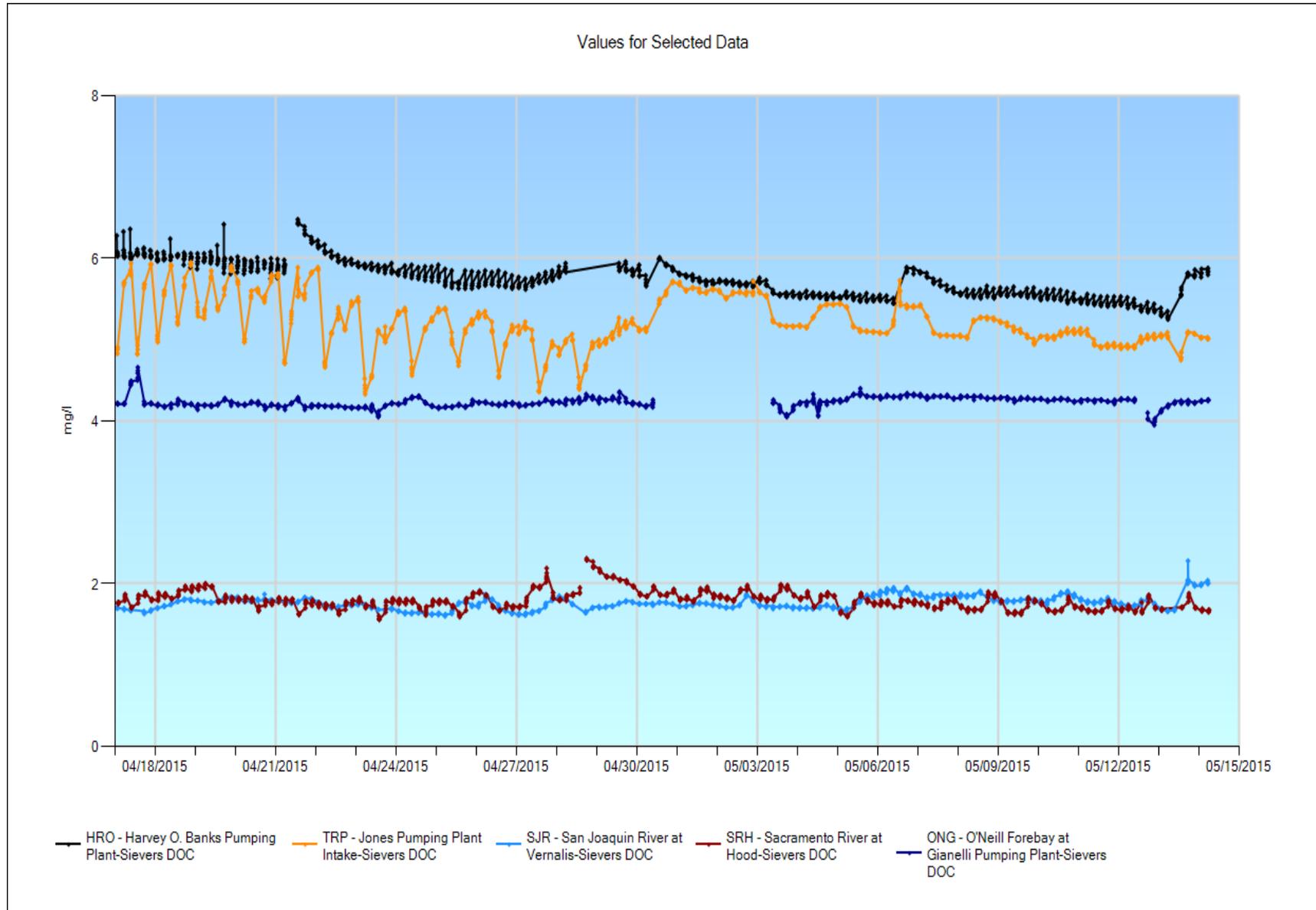
- All parameters (4/30 – 5/4) --- Low flows caused erratic readings.
- All parameters (5/8 – 5/11) --- Communication error shut down instrument. The new computer is scheduled to be installed next week.

Gianelli – EC, Temperature, pH, DO & Turbidity

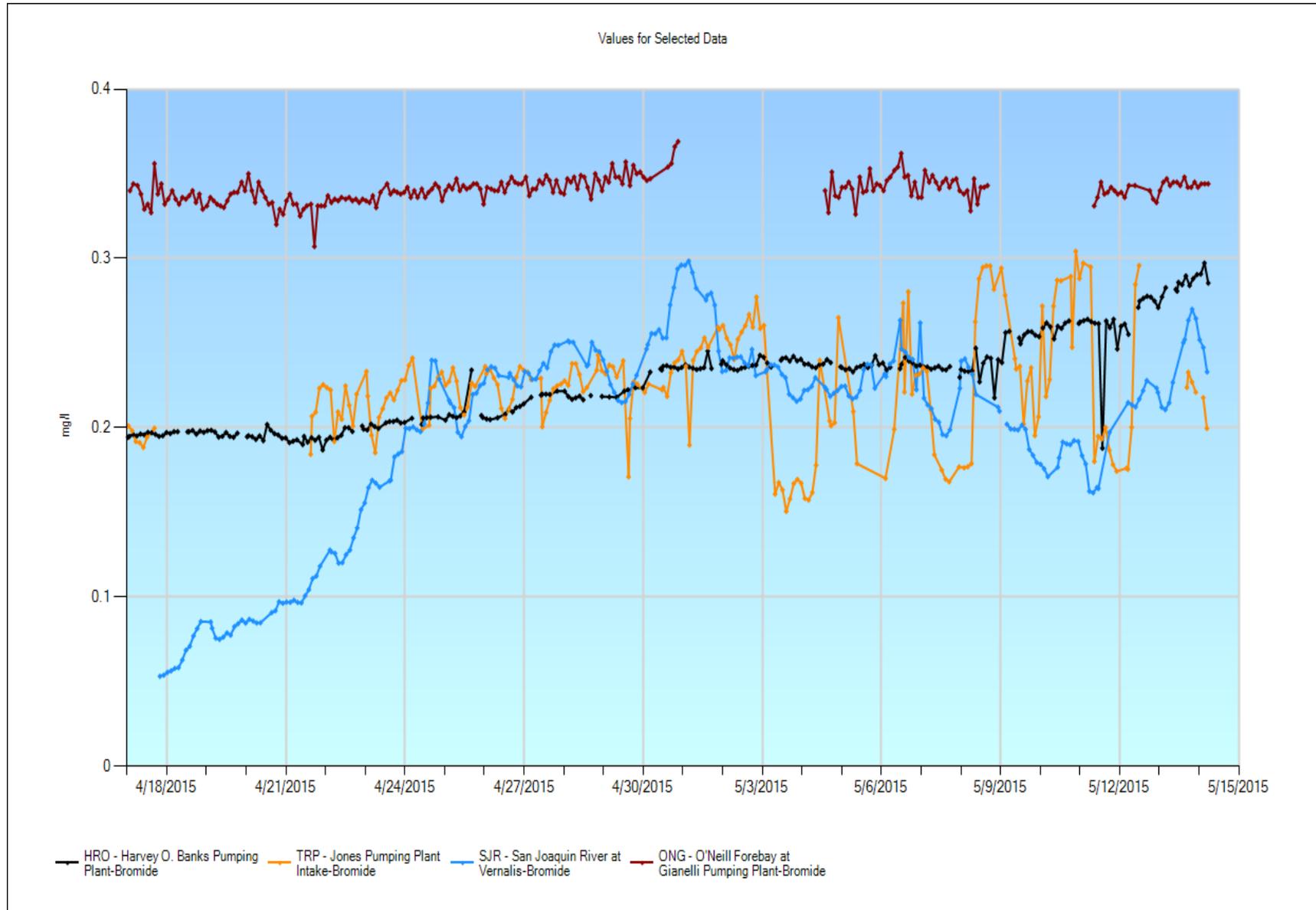


➤ Turbidity --- Values were occasionally reported below 1 NTU. QC standards during the month were all within the acceptable range. Grab samples during this time ranged from 0.81 NTU to 2.35 NTU.

All station DOC



All Station Bromide



All Station EC

