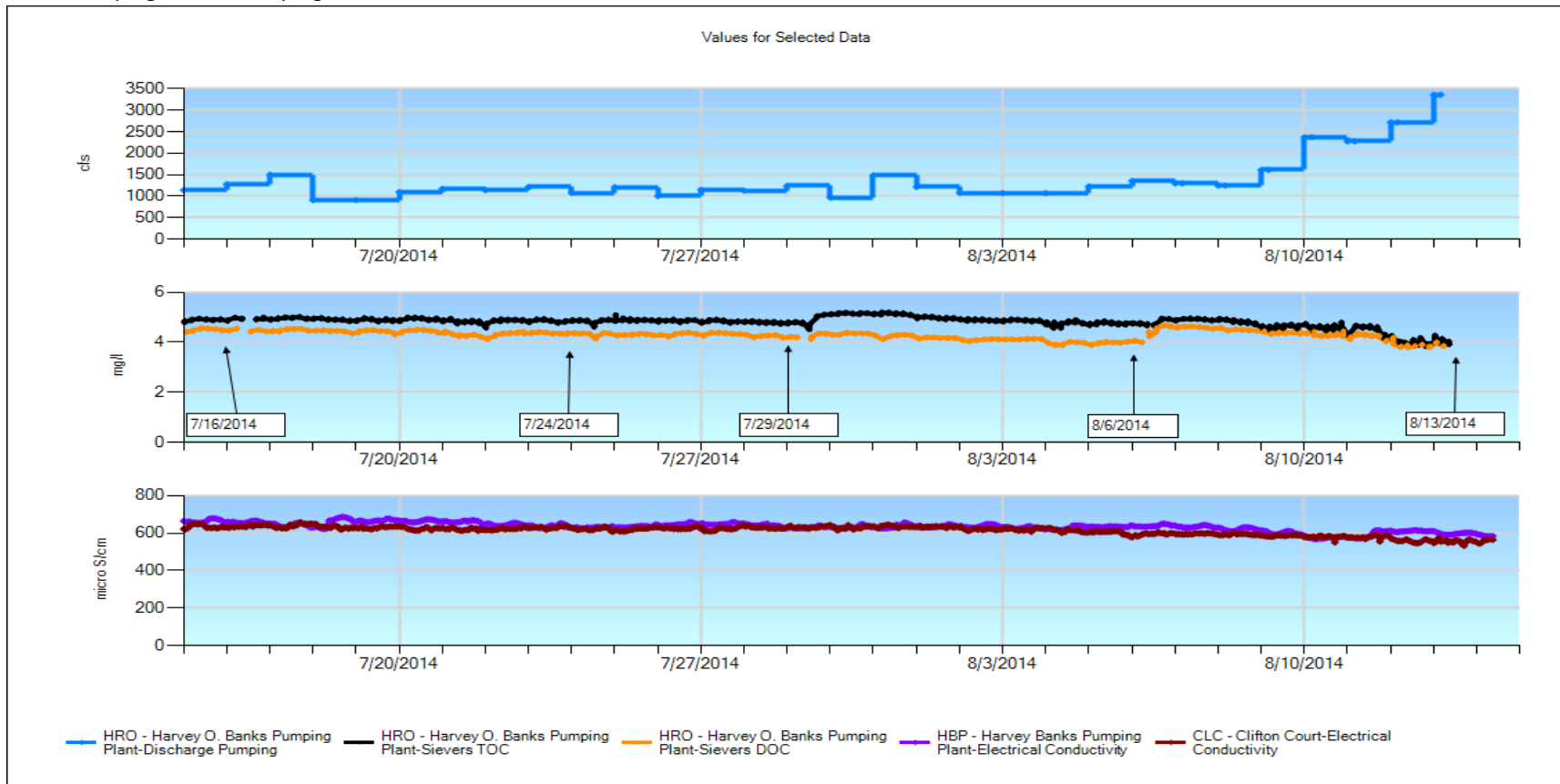


Banks Pumping Plant – Pumping, TOC, DOC and EC Clifton Court – EC



7/16 – Delivery system filter change, 100 um filter only – All QC samples analyzed

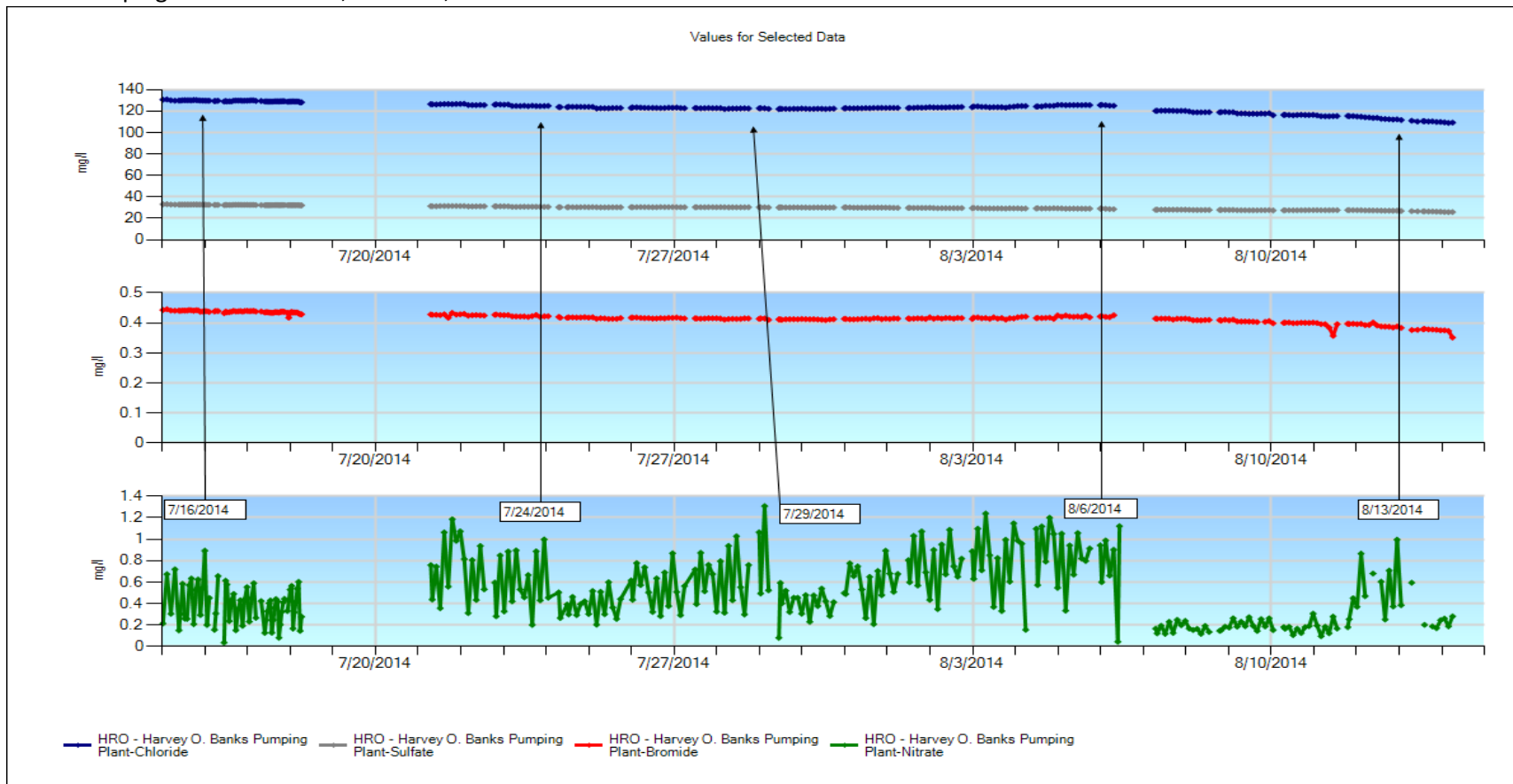
7/24 – Delivery system filter change, 100 um and 1 um filters only

7/29 – Delivery system filter change, 100 um and 50 um filters only – All QC samples analyzed

8/6- Delivery system filter change, all filters

8/13 – Delivery system filter change, 100 um filter only - Replaced foot valve on the sample intake boom. It was heavily clogged with algae and some fishing line. Replaced the resin bed and oxidizer in the carbon analyzer - All QC samples analyzed

Banks Pumping Plant – Chloride, Bromide, Nitrate and Sulfate



7/16 – Delivery system filter change, 100 um filter only – All QC samples analyzed

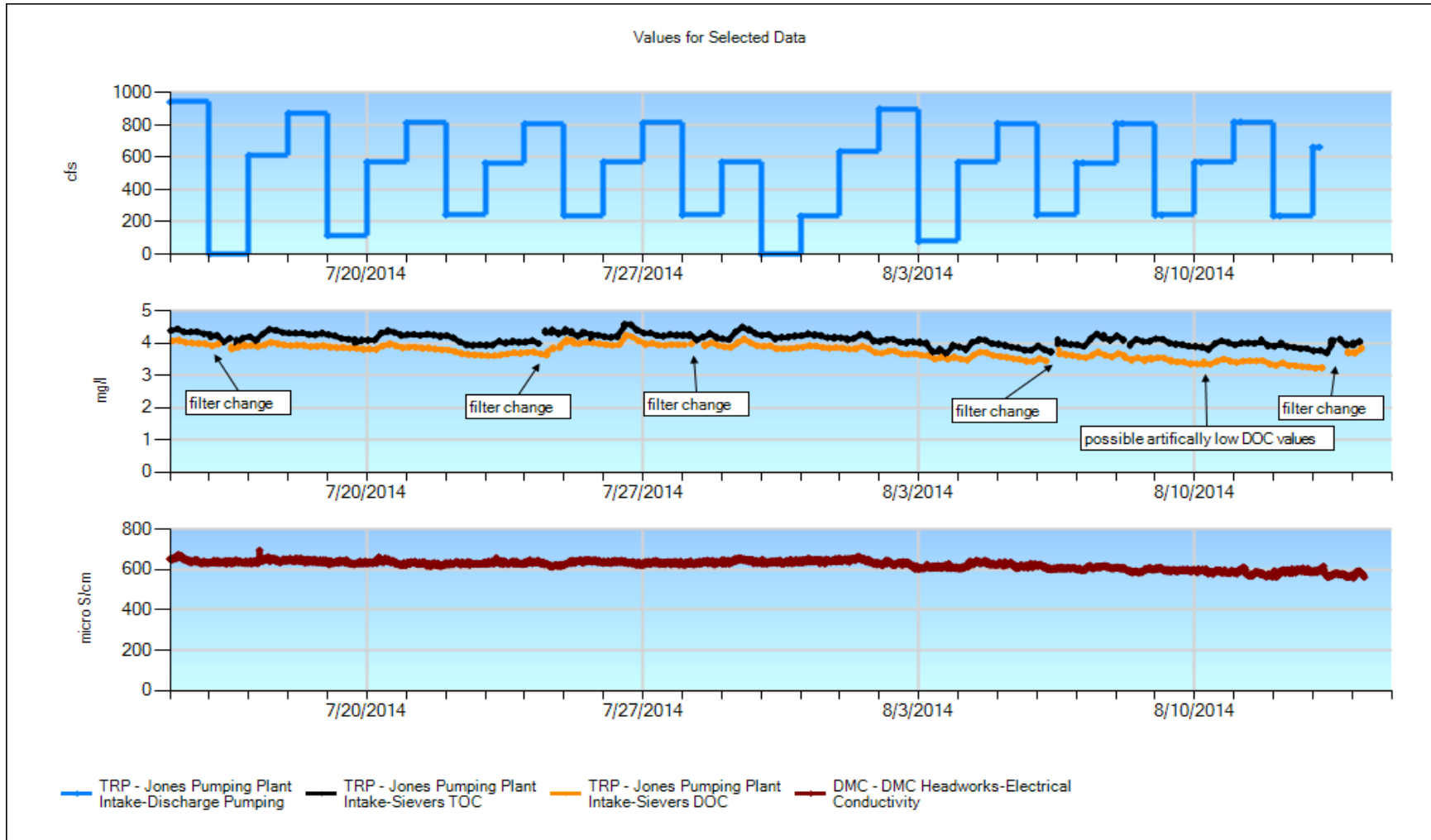
7/24 – Delivery system filter change, 100 um and 1 um filters only

7/29 – Delivery system filter change, 100 um and 50 um filters only – All QC samples analyzed

8/6- Delivery system filter change, all filters

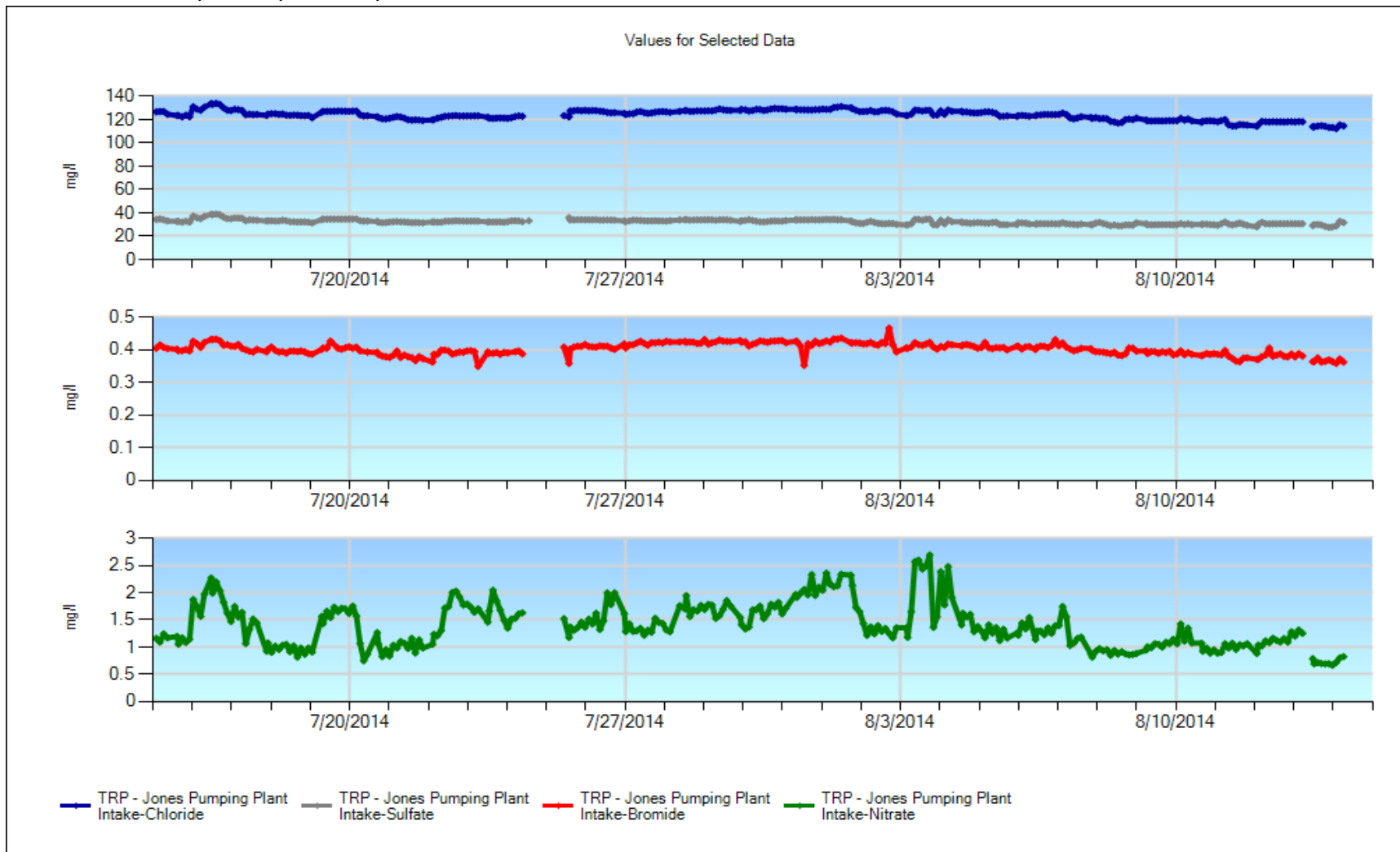
8/13 – Delivery system filter change, 100 um filter only - Replaced foot valve on the sample intake boom. It was heavily clogged with algae and some fishing line. Replaced the resin bed and oxidizer in the carbon analyzer - All QC samples analyzed

Jones PP – Pumping, Organic Carbon, Electrical Conductivity

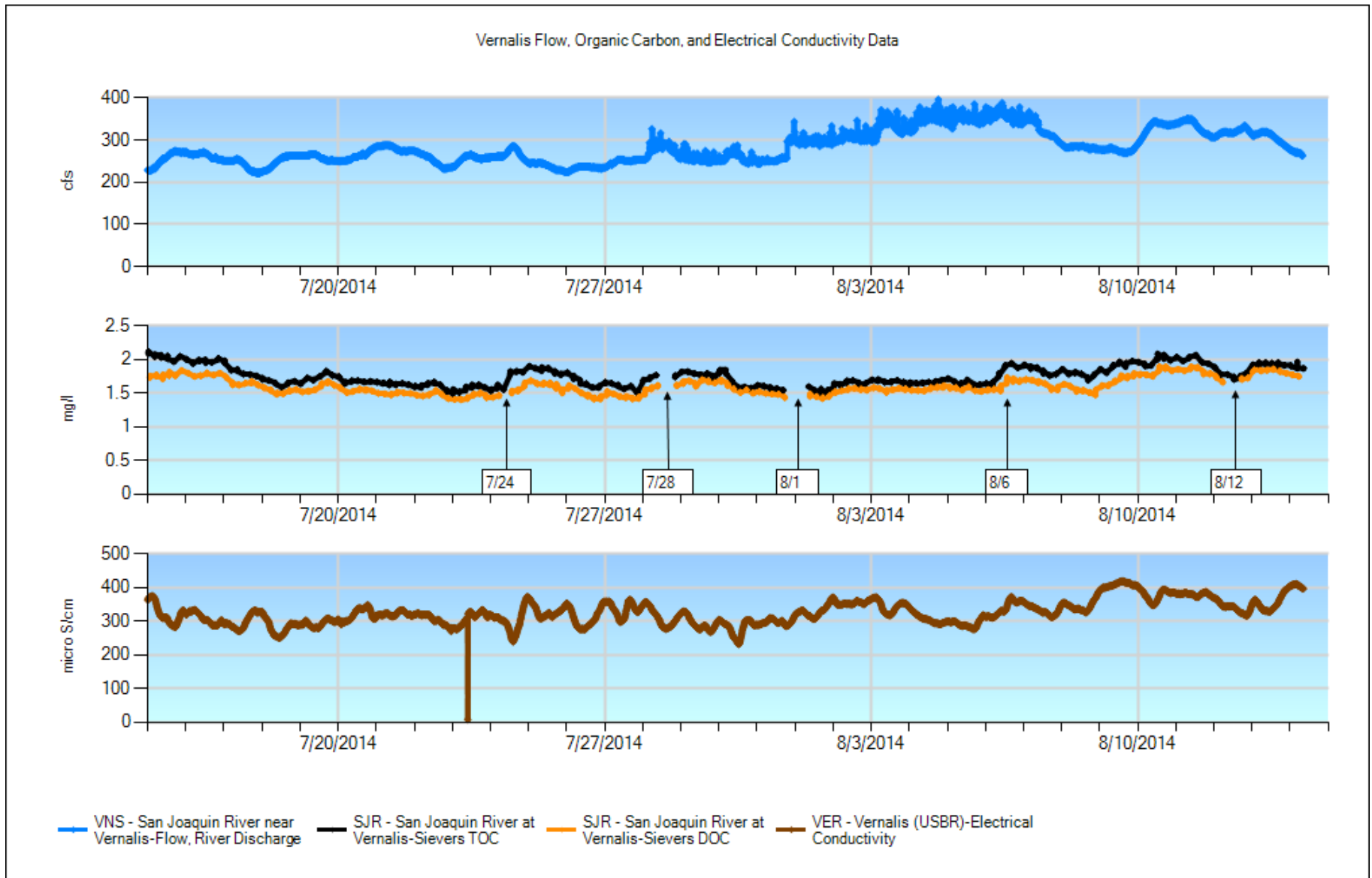


7/16 – Changed 100 micron filter. **7/24** – Changed 0.45, 1 and 75 micron filters. **7/28** – Changed 100 micron filter. Replaced resin bed. **8/6** – Changed 100 and 50 micron filters. **8/7 – 8/13** – Beginning from July 24, the 0.45 micron filter was not changed for a period of approximately 20 days. The prolonged use of the filter might have caused an over-filtration issue resulting in artificially low DOC values. **8/13** – Changed all filters.

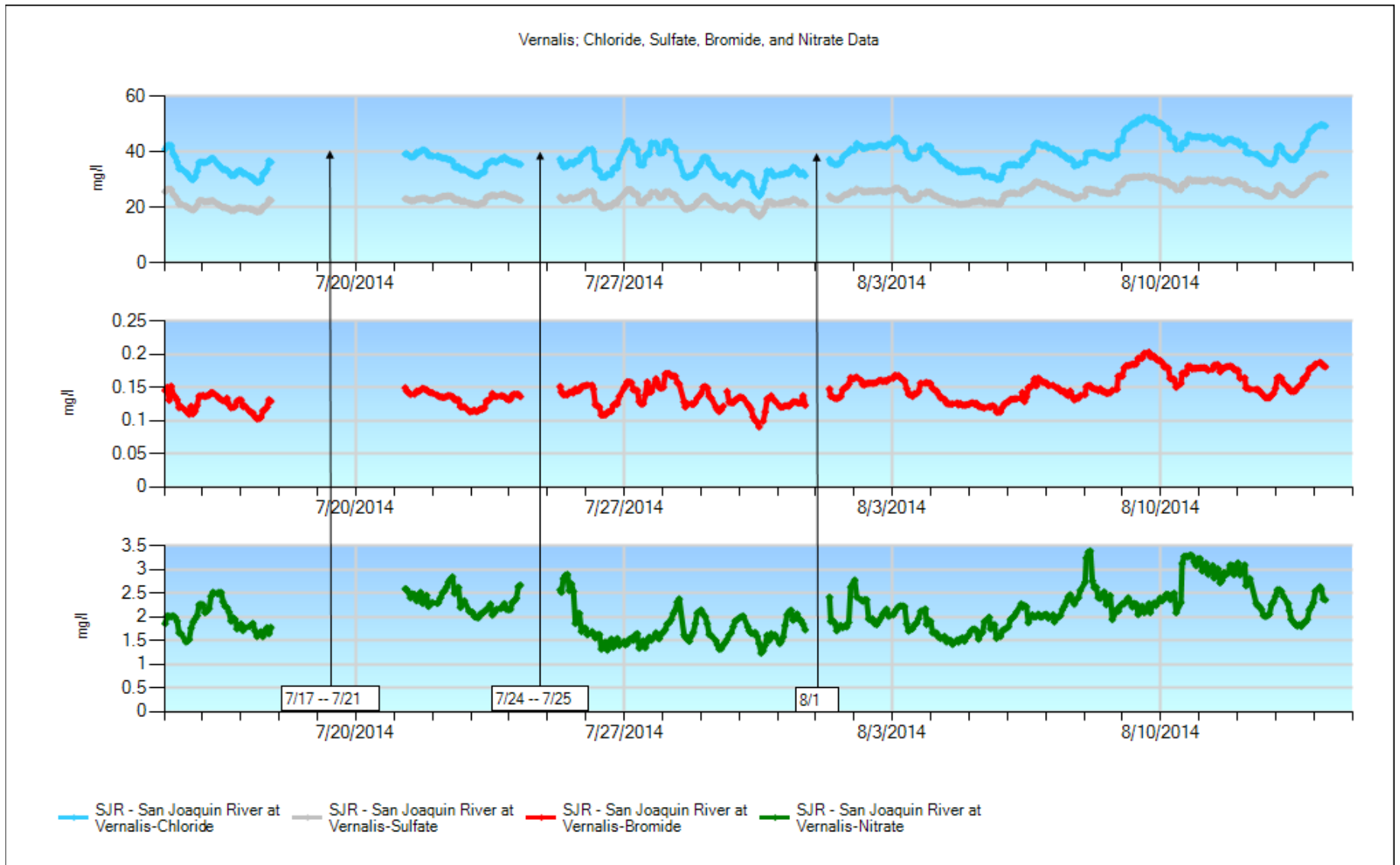
Jones PP – Chloride, Sulfate, Bromide, Nitrate



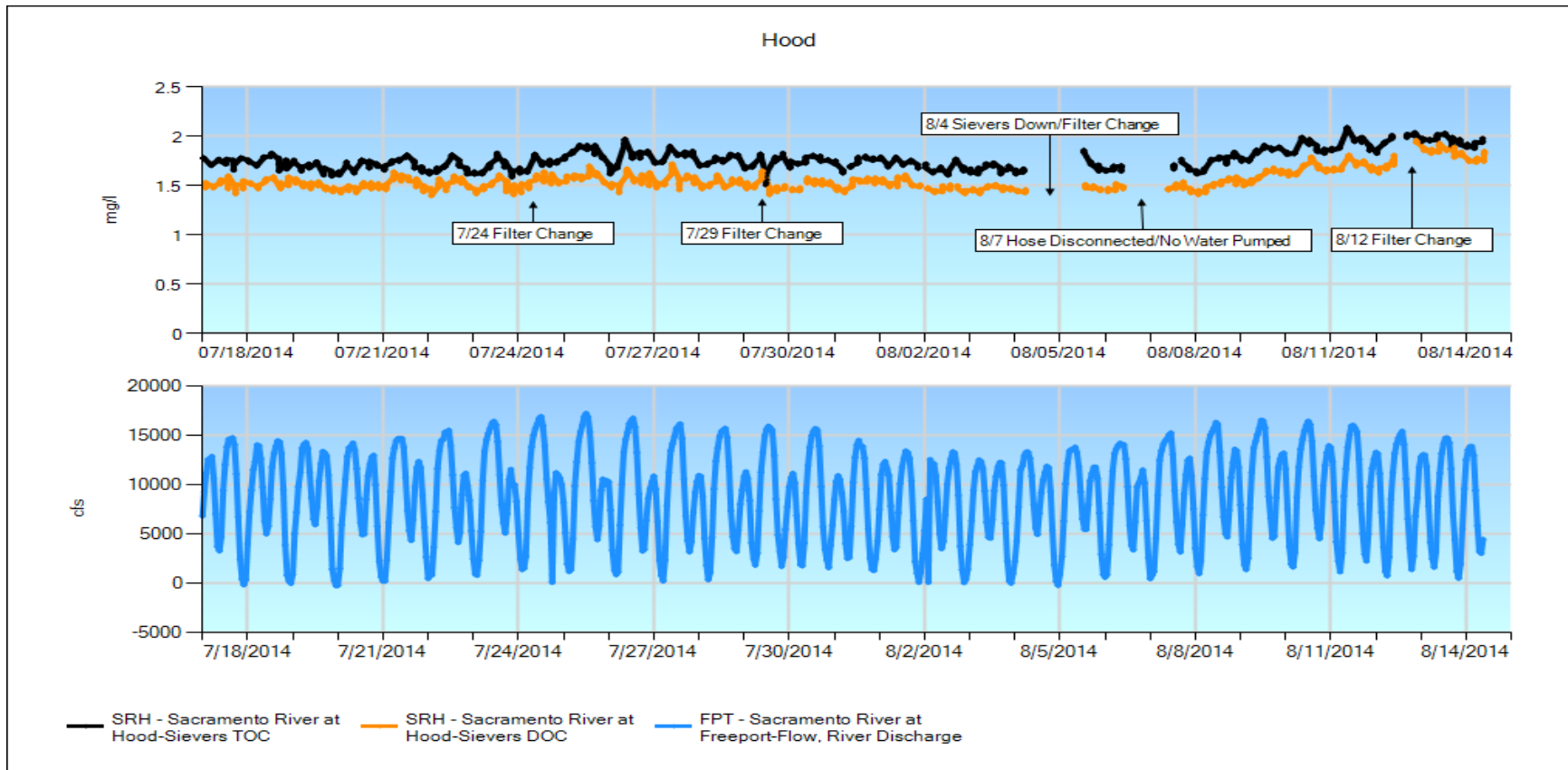
7/16 – Flushed Dionex sample and waste line. **7/25** – There was a clog in the Dionex sample line and valve. The sample inlet lines were replaced and the clog was flushed out. The double deionized water reservoir was drained, rinsed and refilled. The Dionex was brought back online.



Filter Changes: 7/14 all filters, 7/24 prefilters, 7/28 all filters, 8/6 prefilters, 8/12 all filters. **Events:** 8/1: Computer/Windows Activation error interrupted analyzer software and data transfer. 8/13: Replaced oxidizer cartridge and cleaned pump intake.



Events: **7/17 – 7/21:** Dionex system over-pressured and the analytical column was replaced on 7/18. Analyzer recalibrated over the weekend and was restarted on Monday, 7/21. **7/24 – 7/25:** LCS (lab-certified standard) was run as a grab sample. The analyzer was restarted in the default mode the next morning, 7/25. **8/1:** Computer/Windows Activation error interrupted analyzer software, analysis, and data transfer.

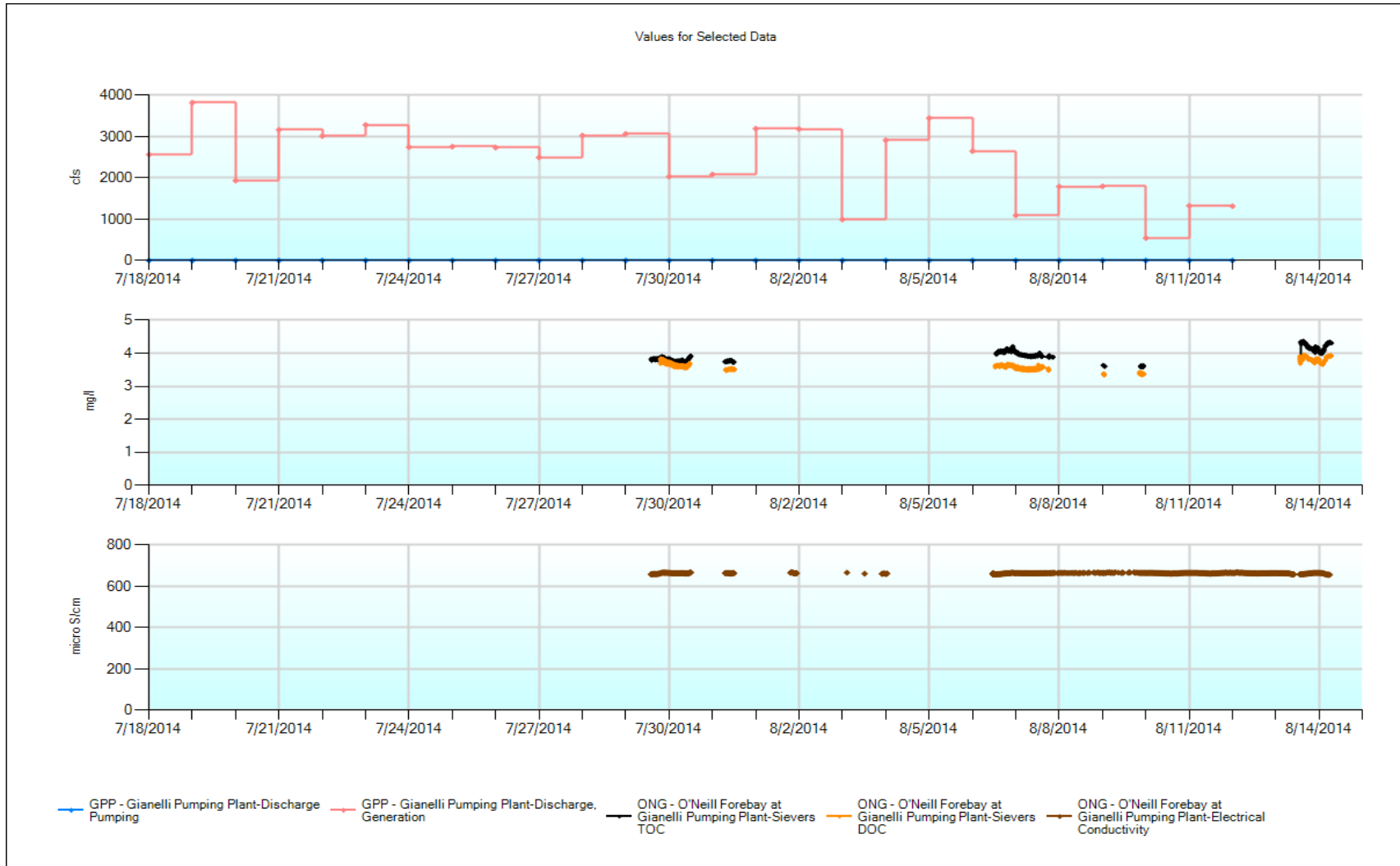


Hood Notes

Significant Events: July 17th 2014 to August 14th 2014

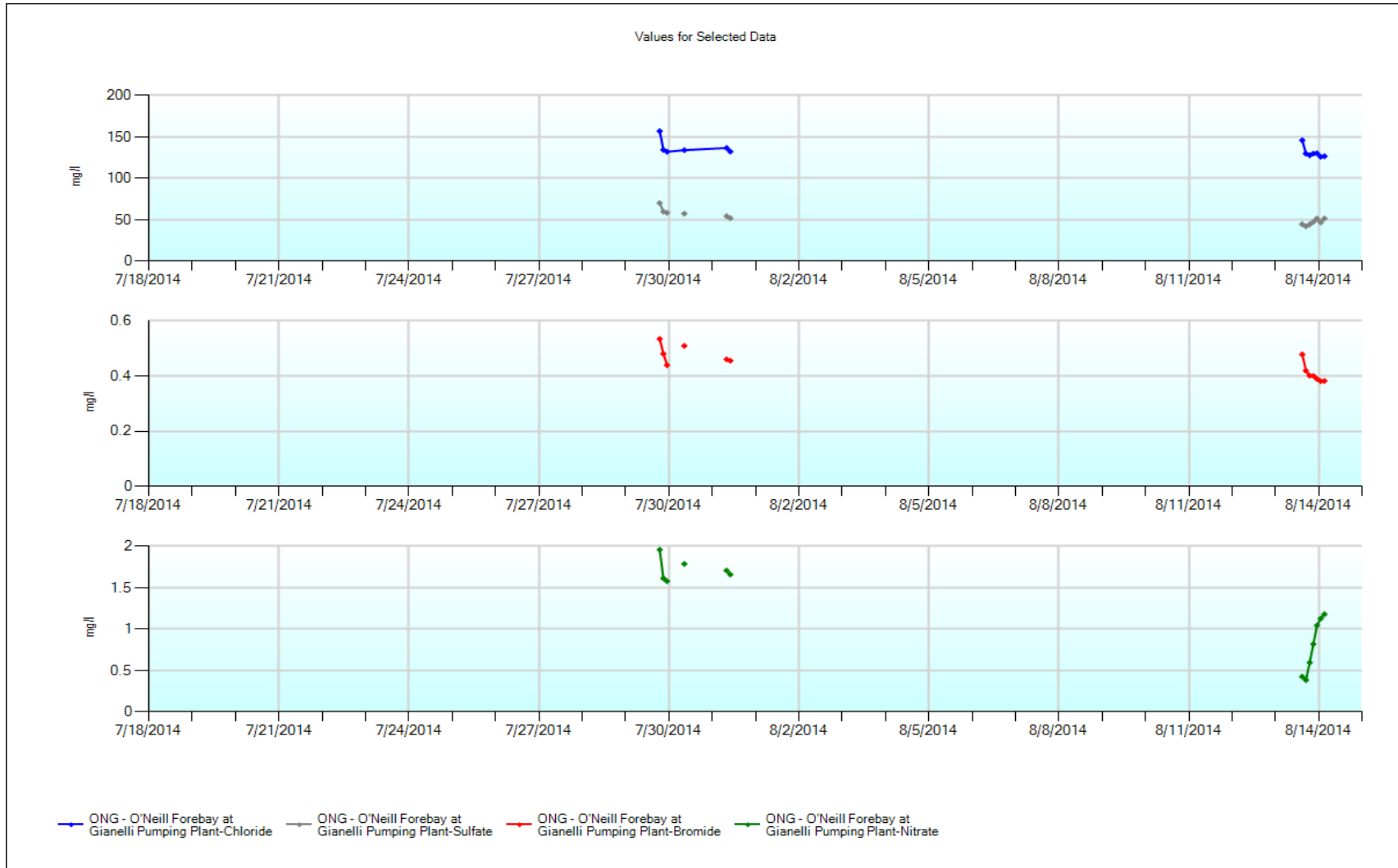
- **7/24 Filter Change:** 75micron filter changed.
- **7/29 Filter Change:** Changed the UV lamp, 75 μ , and 5 μ filter.
- **8/4 Sievers Down:** Sievers was not reporting to indigo because it was getting no flow of water.
- **8/6 Filter Change:** Changed the 75 μ filter for the 100 μ filter.
- **8/7 Hose disconnected:** The hose reel elbow was locked, this caused the hose to build pressure and disconnect from the pump.
- **8/12 Filter Change:** Changed the 100 μ for the 75 μ filter, also changed the .45 μ filter.

Gianelli – Pumping, Organic Carbon, EC



➤ Throughout the past month there have been intermittent problems with the intake tubing and the pump getting clogged.
8/9 – 8/13 An oxidizer syringe error caused several days of analysis to run without that reagent. Data from those days has been flagged.

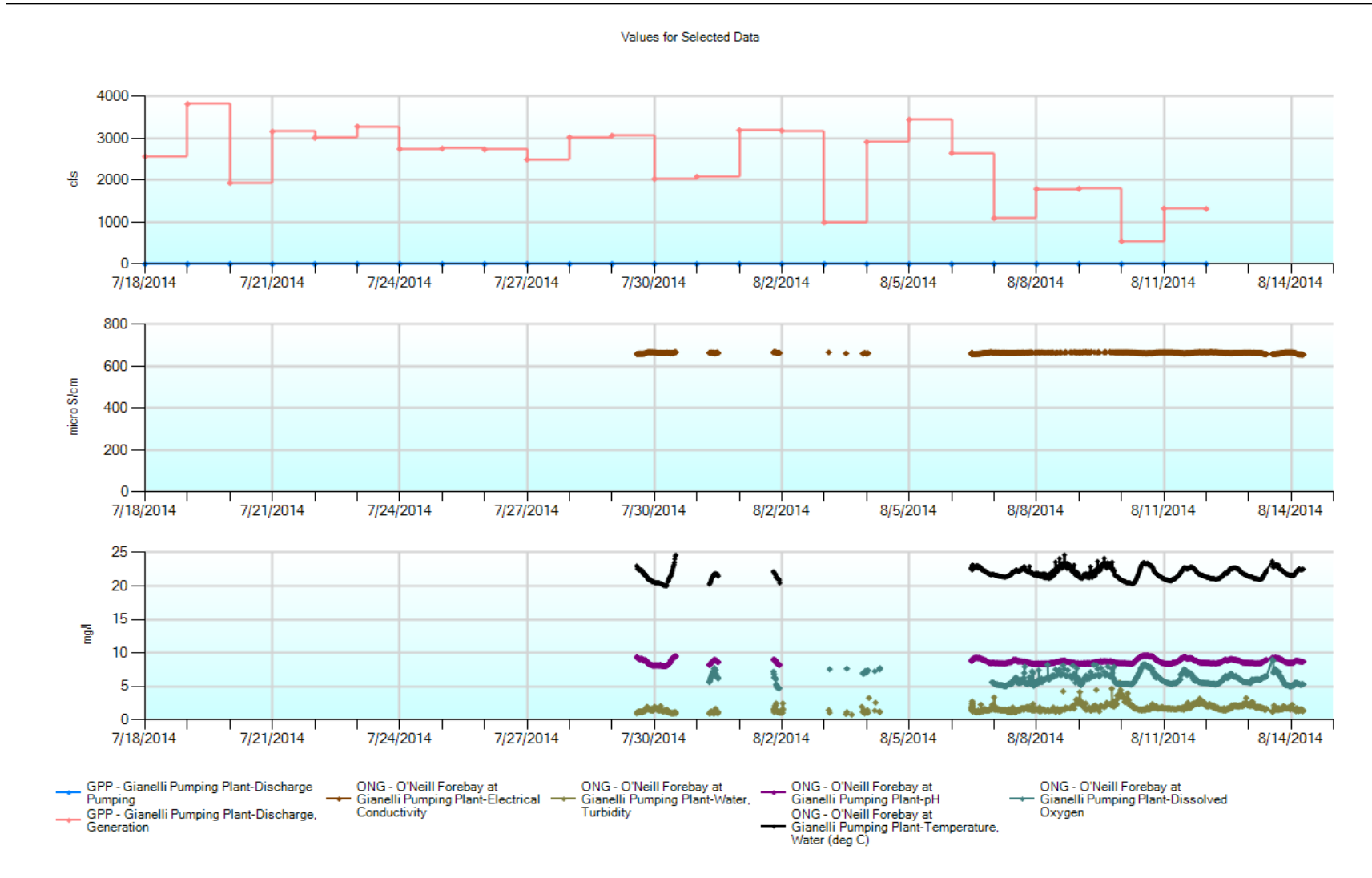
Gianelli – Chloride, Sulfate, Bromide, Nitrate



➤ Throughout the past month there have been intermittent problems with the intake tubing and the pump getting clogged.

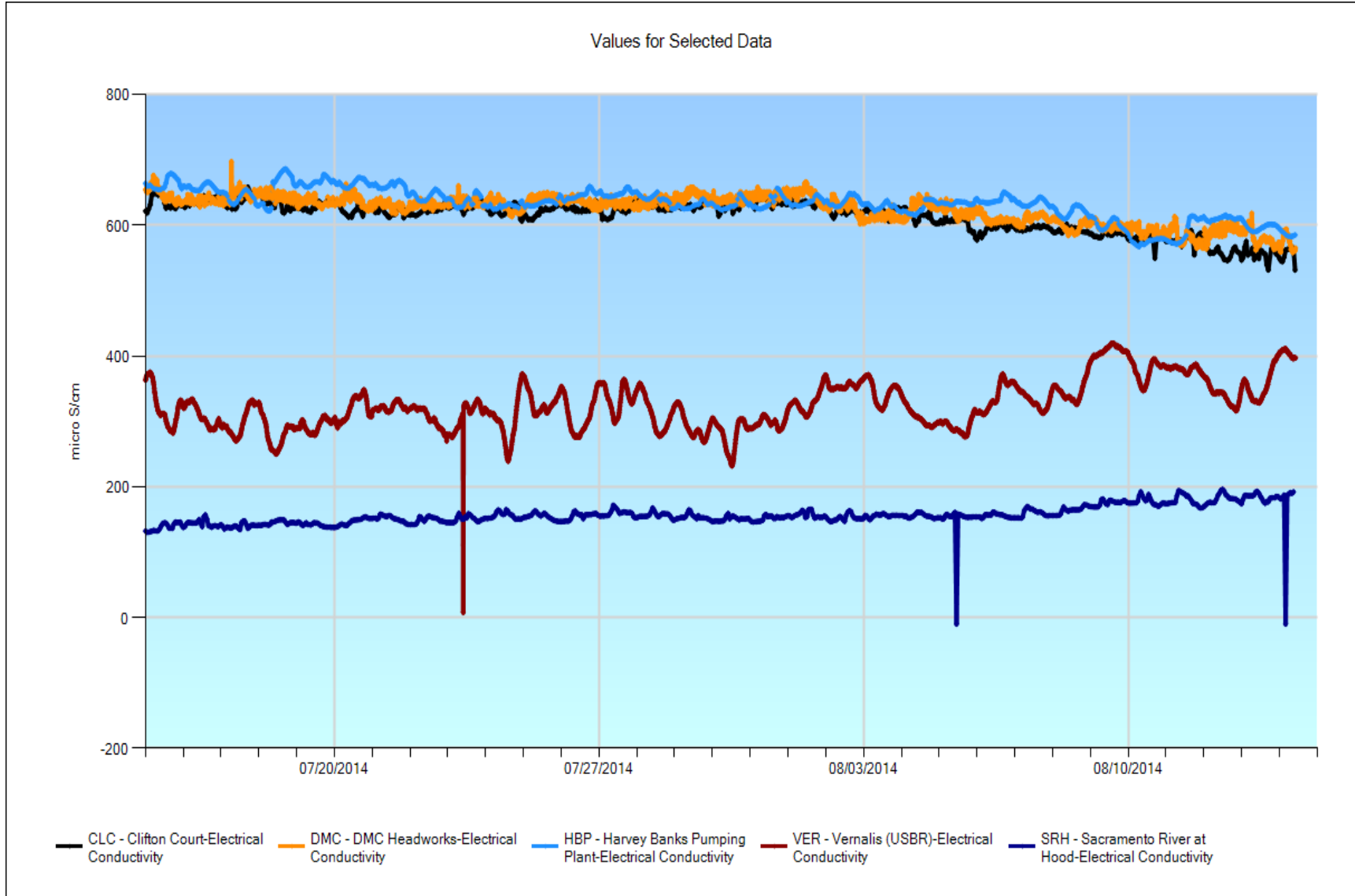
7/31 & 8/6 Instrument communication error caused analysis to shut down and depleted eluent.

Gianelli – EC, Temperature, pH, DO & Turbidity

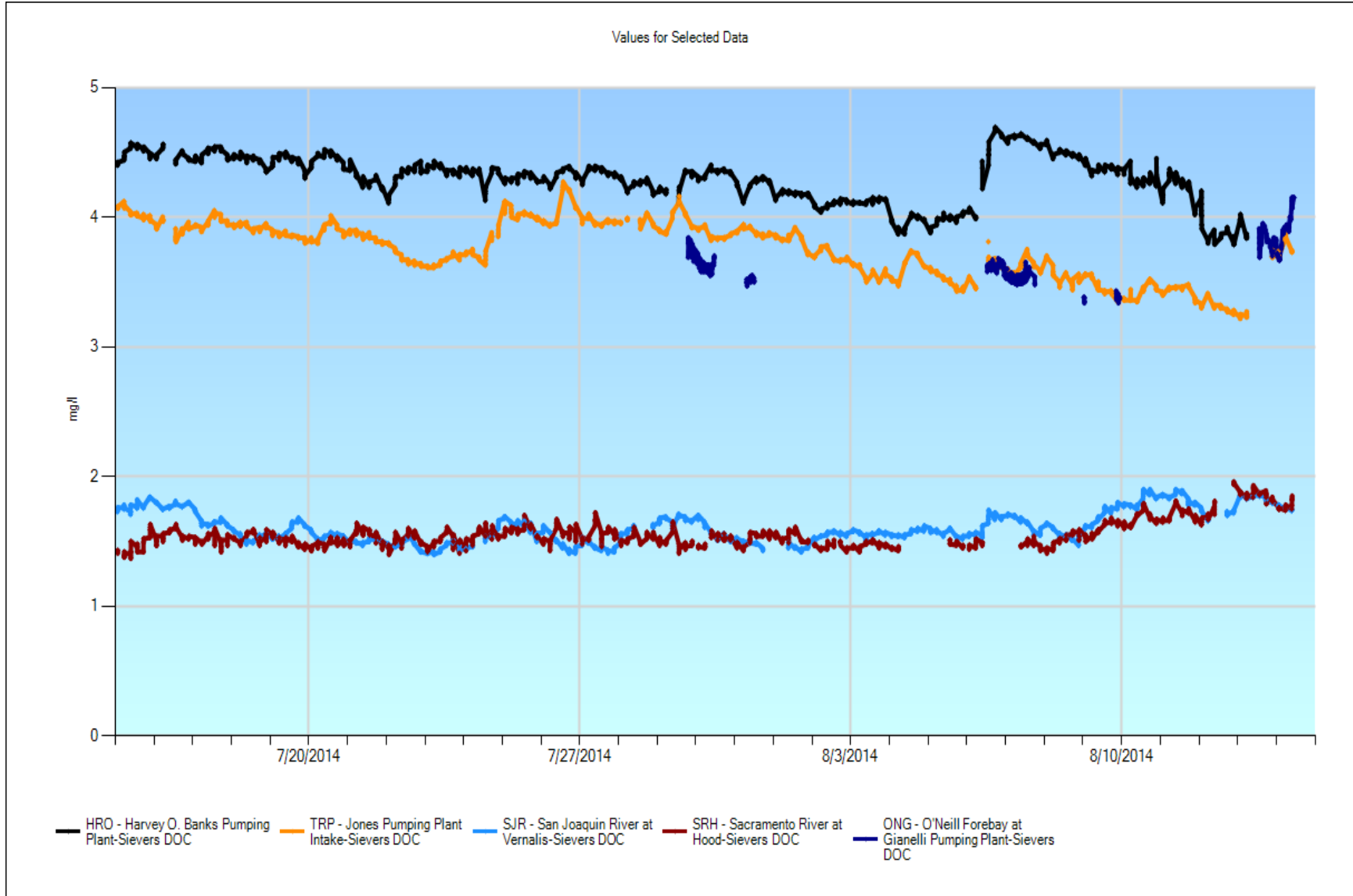


➤ Throughout the past month there have been intermittent problems with the intake tubing and the pump getting clogged.

All Station plus Clifton Court EC



All Station DOC



All Station (except Gianelli) Bromide

