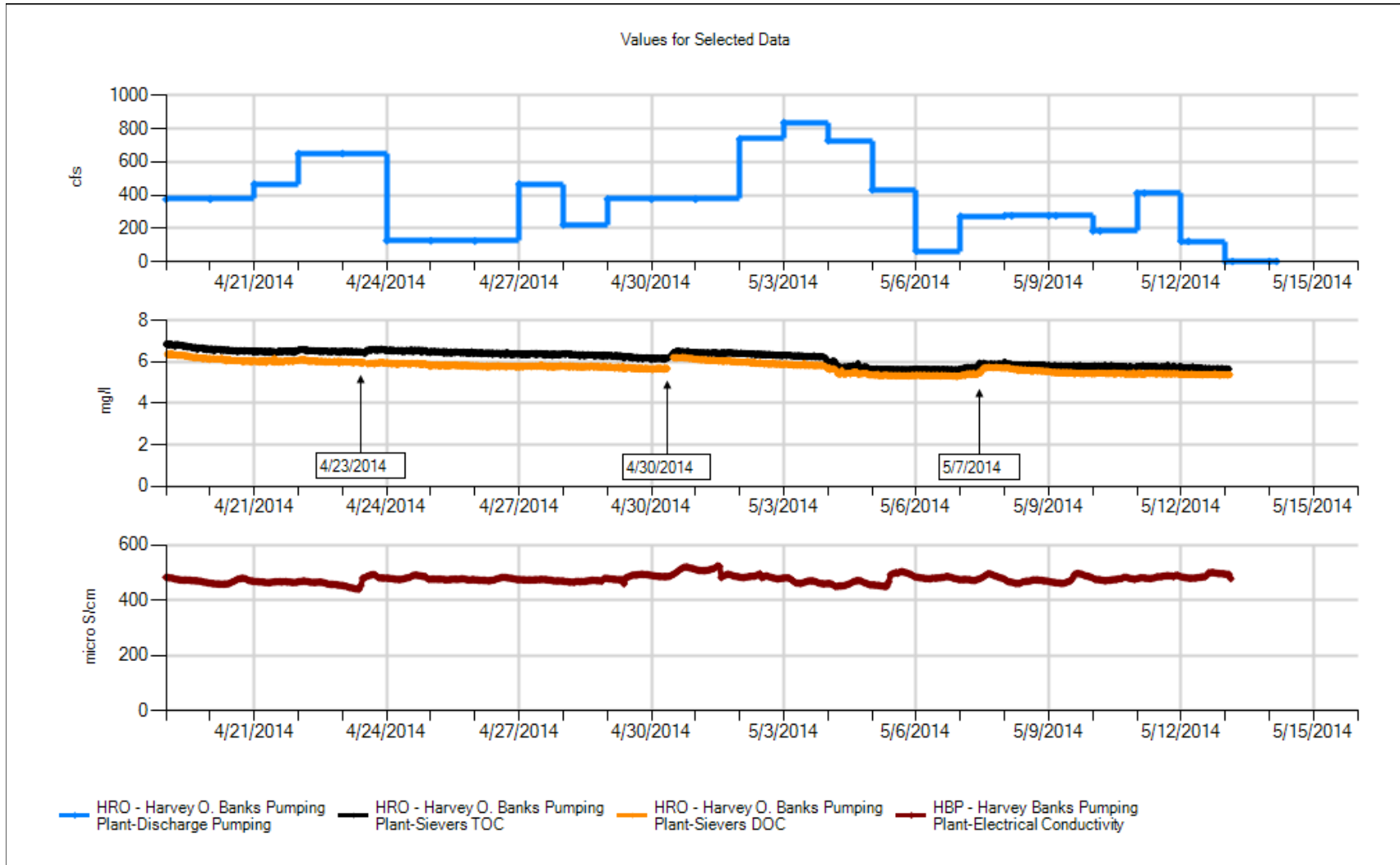
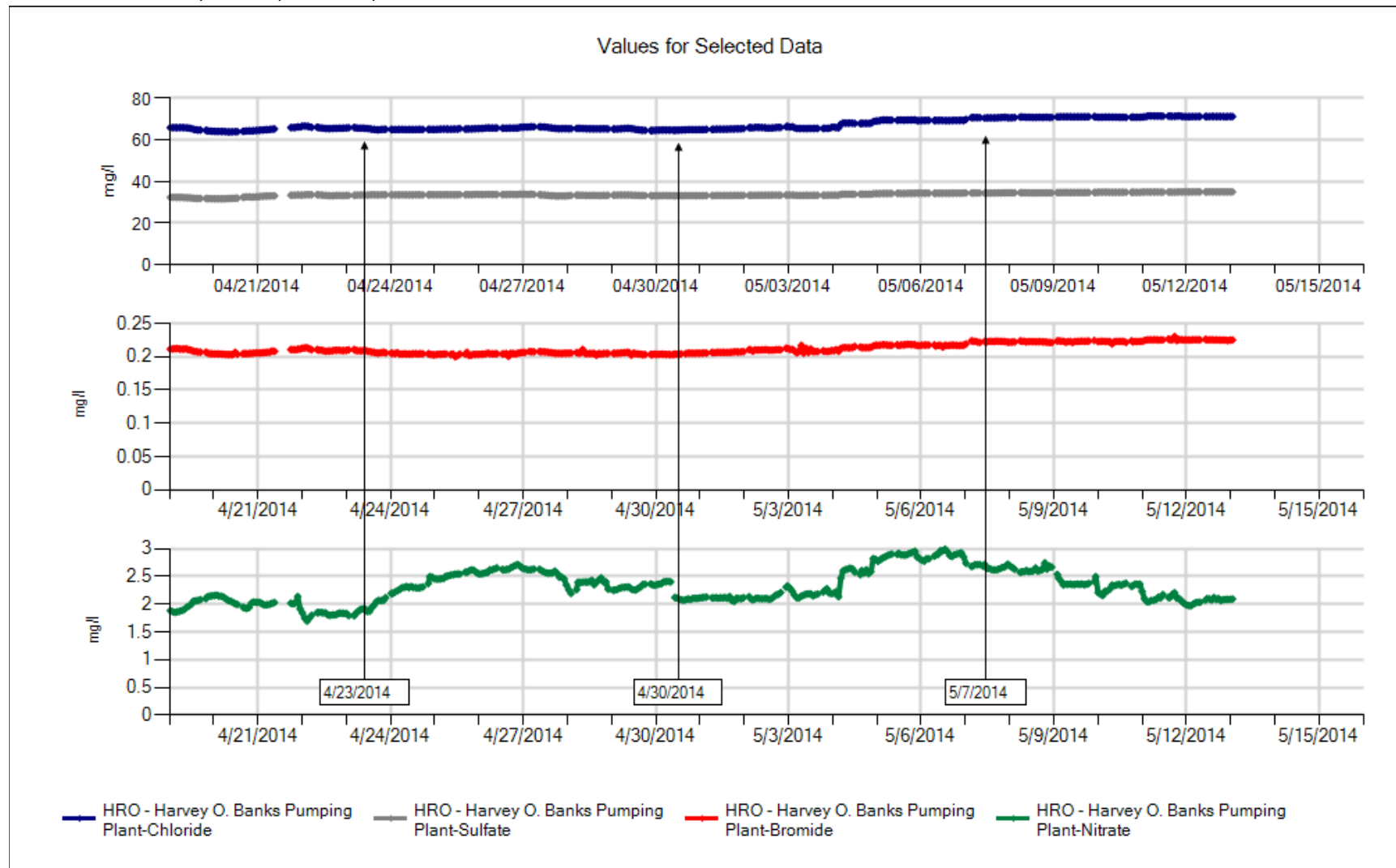


Banks PP – Discharge Pumping, Organic Carbon, EC



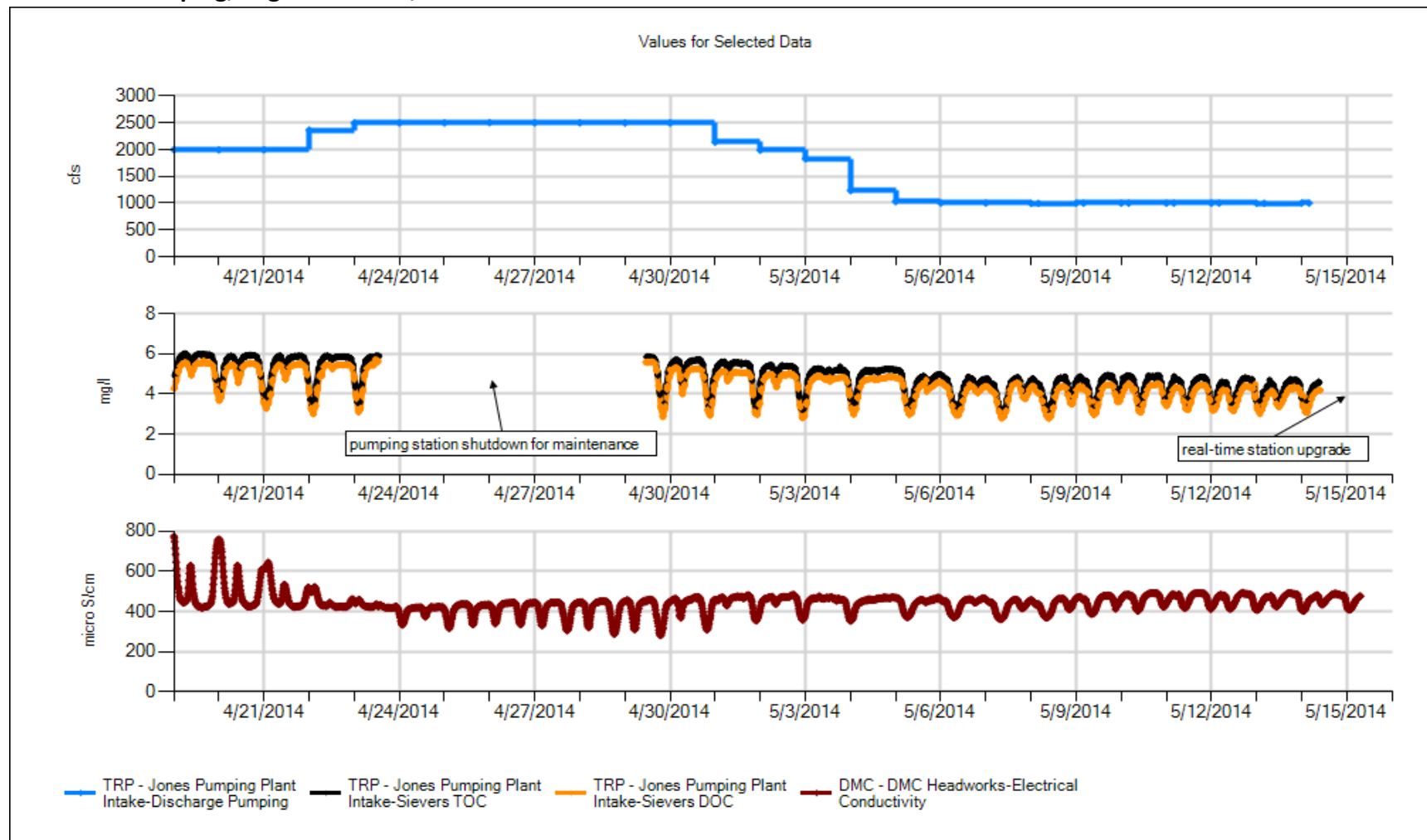
- 4/23/2014 – Delivery system filter change
- 4/30/2014 – Delivery system filter change, QC sample analysis, carbon analyzer UV Lamp replacement
- 5/7/2014 – Delivery system filter change

Banks PP – Chloride, Sulfate, Bromide, Nitrate



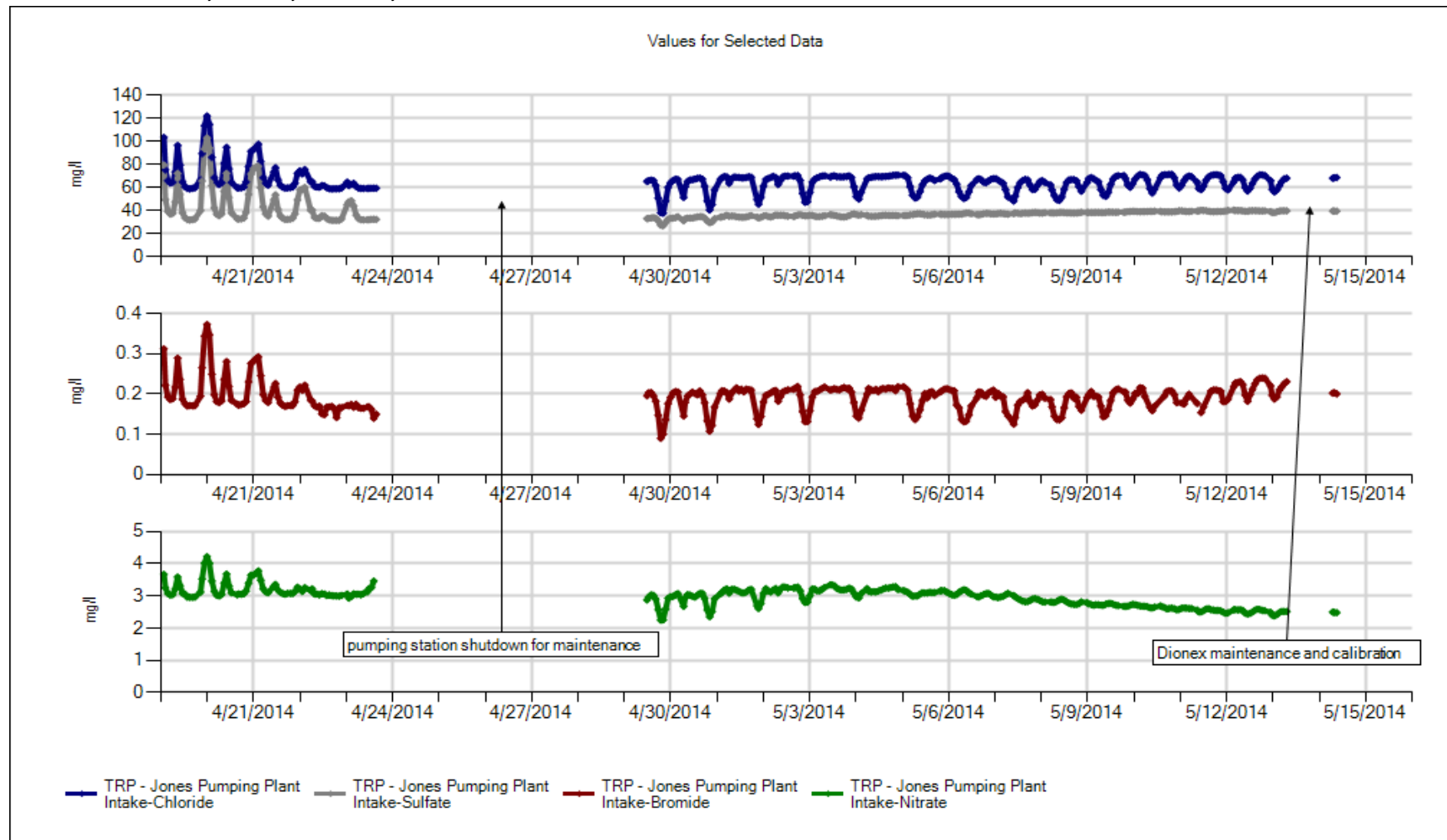
- 4/23/2014 – Delivery system filter change
- 4/30/2014 – Delivery system filter change, QC sample analysis
- 5/7/2014 – Delivery system filter change

Jones PP – Pumping, Organic Carbon, EC

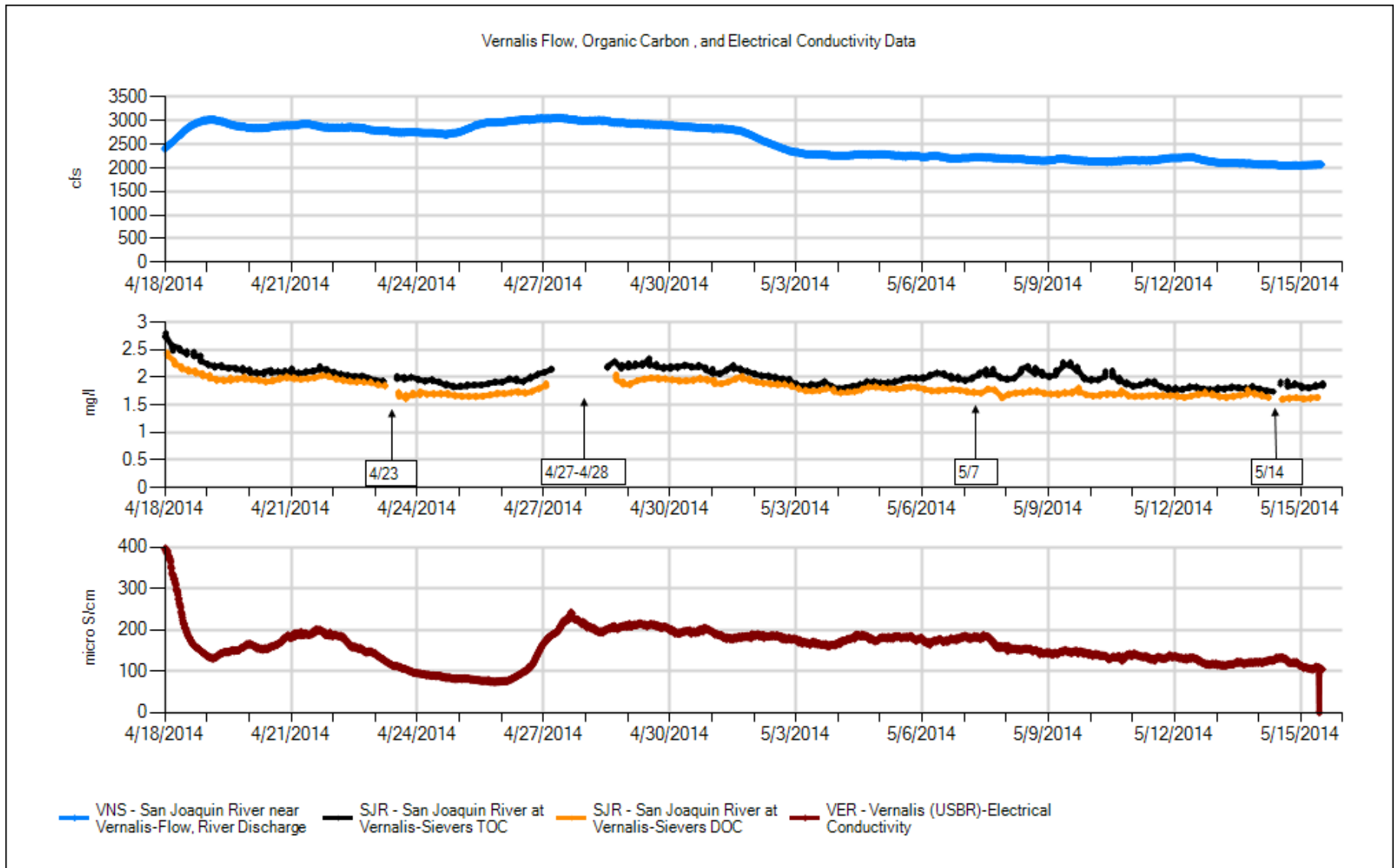


4/23 – filter change. **4/23 – 4/29** – the inlet pipe that supplies water to our real-time station was closed off for regular maintenance. **5/7** – filter change. **5/14** – the real-time station is currently shut down while we install upgrades to the water delivery and data logging systems. It is expected to be brought back online 5/16.

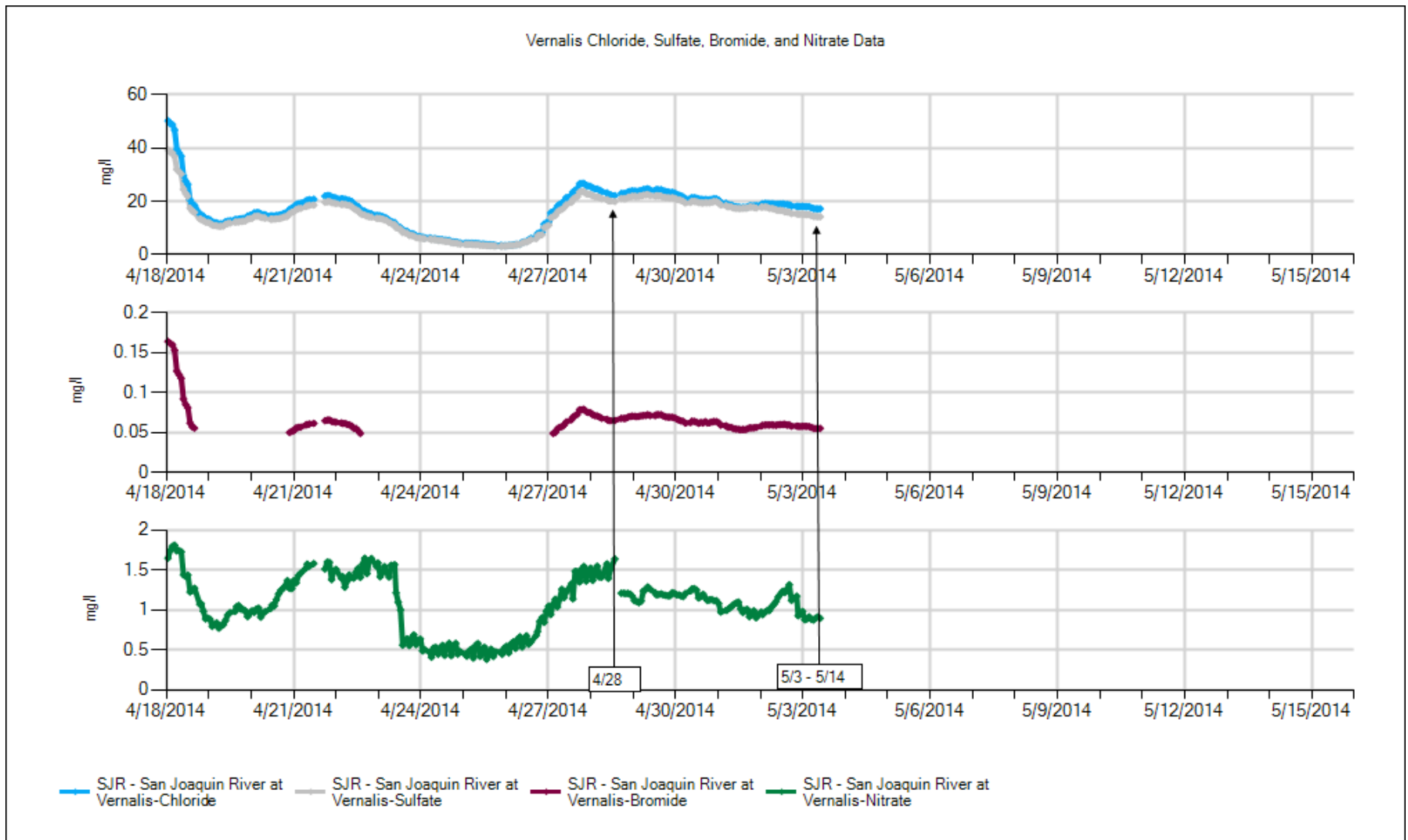
Jones PP – Chloride, Sulfate, Bromide, Nitrate



4/23 – 4/29 – the inlet pipe that supplies water to our real-time station was closed off for regular maintenance. **4/25** – installed a new CRATC to the eluent generator. **5/7** – new check standard was made. **5/13** – Dionex technician site visit for annual maintenance. Dionex was recalibrated. **5/14** – the real-time station is currently shut down while we install upgrades to the water delivery and data logging systems. The system is expected to be brought back online 5/16.

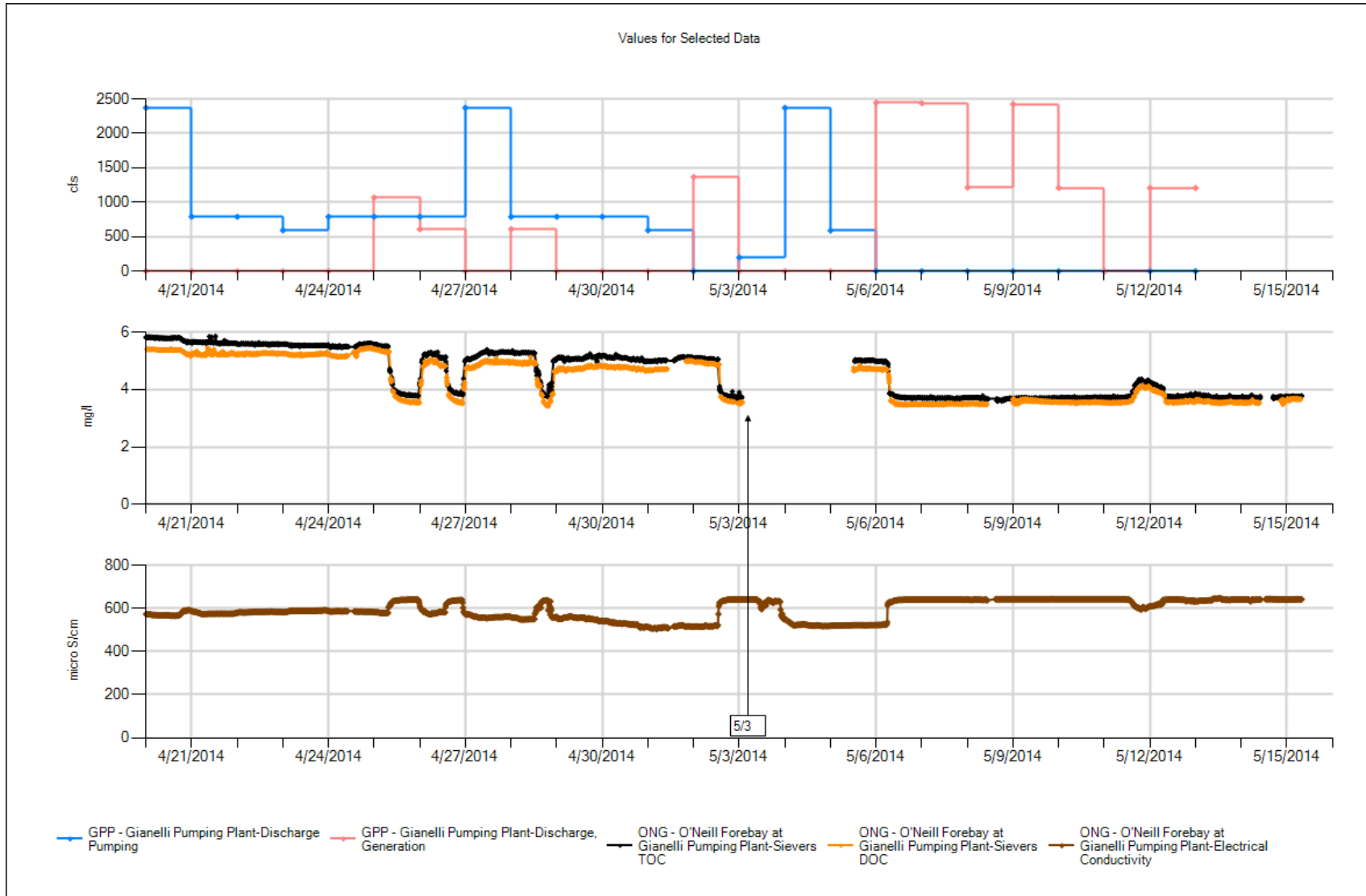


Filter Changes: 4/23 prefilters, 4/28 all filters, 5/7 prefilters, 5/14 all filters. **Events:** 4/27-28: Indigo reported an error message on Sunday morning and stopped logging the carbon data. Restarted the program; data is available on the instrument. I will export the results from the Sievers and resend batch to fill the data gap. Rebuilt a larger submersible pump to install. Disc filter purge valve damaged by silt/sand.



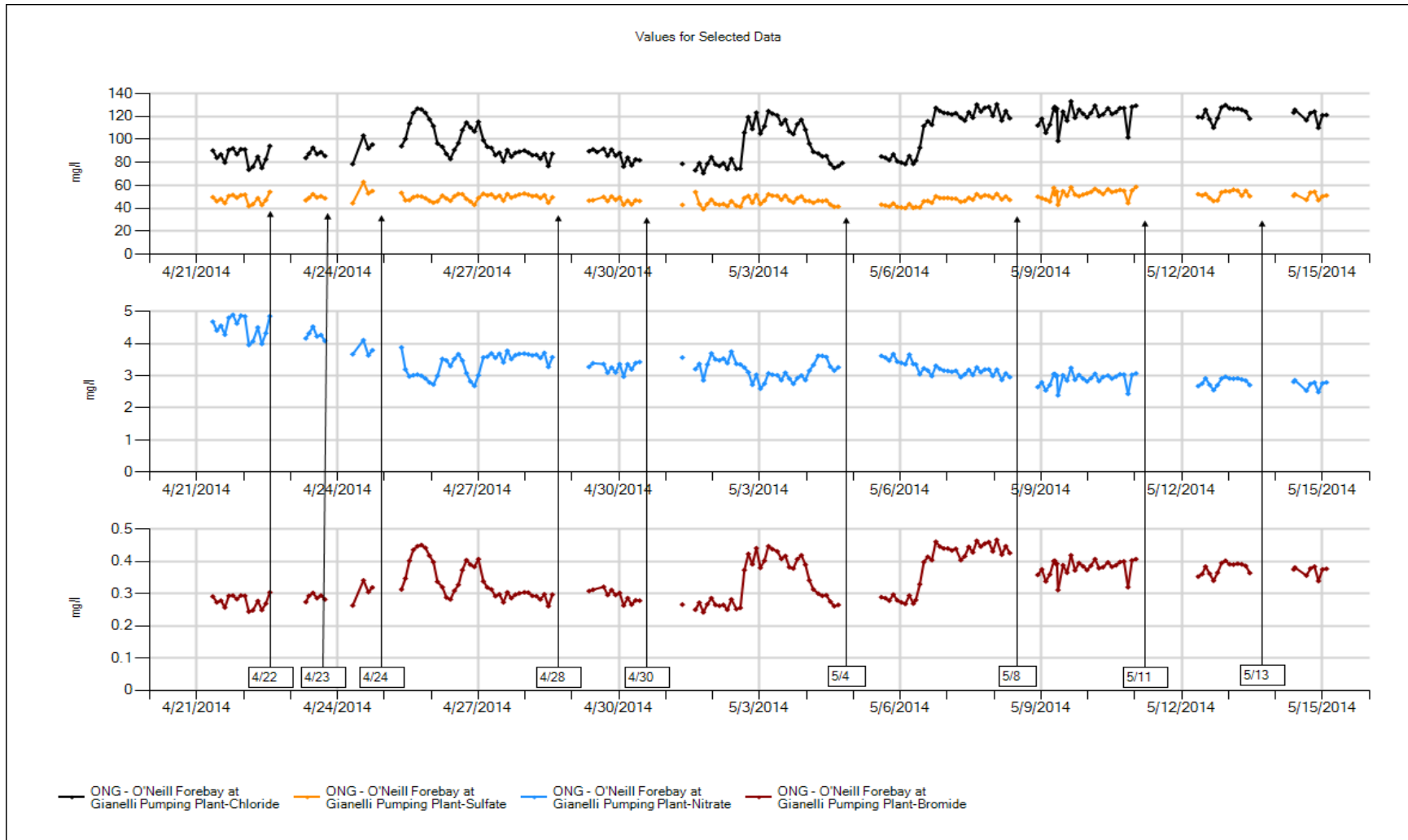
Events: **4/28:** Added a restrictor coil to the Dionex to increase the system pressure after the column change. **5/6 – 5/14:** Dionex shutdown because of a low-pressure error. Restarting and priming the pump had no effect on the system pressure. Scheduled a service visit, in which the Dionex tech. disconnected and checked valves inside the instrument to purge air that got trapped in the system somehow. While there, the tech performed the annual preventative maintenance to the instrument. Analyzer restarted, then recalibrated on 5/15.

Gianelli – Pumping, Organic Carbon, EC



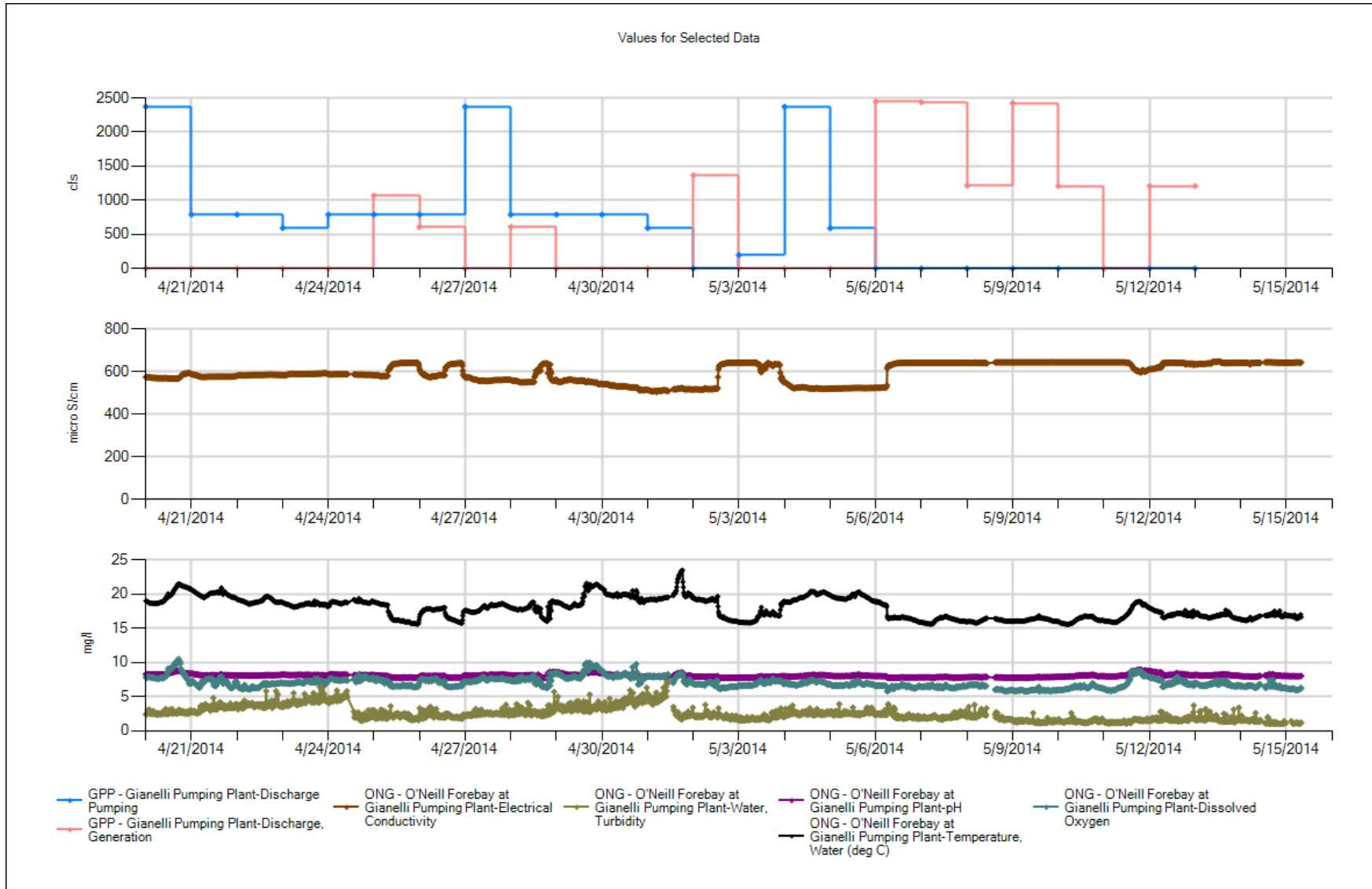
➤ 5/3 – Instrument ran out of acid.

Gianelli – Chloride, Sulfate, Bromide, Nitrate

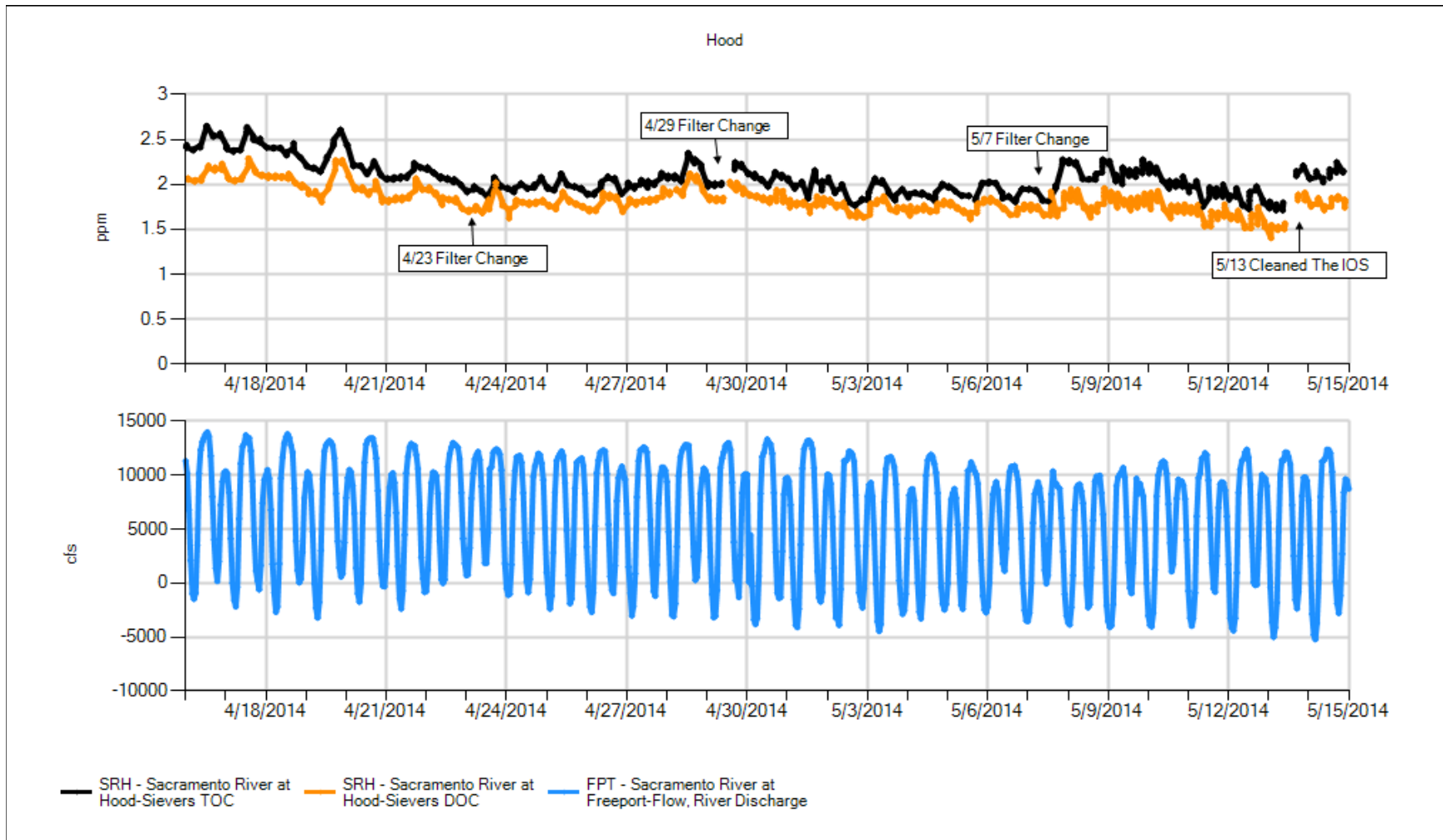


- 4/22, 4/23, 4/24, 4/28, 4/30, 5/11, & 5/13 – The ongoing instrument communication error caused it to shut down.
- 5/4 – The tubing in the DI carboy floated to the top and started pulling in air.
- 5/8 – The instrument was down for the day for troubleshooting and maintenance.

Gianelli – EC, Temperature, pH, DO & Turbidity



➤ 4/24 & 5/1 – Muck and dirt in the sonde housing caused increased turbidity readings.

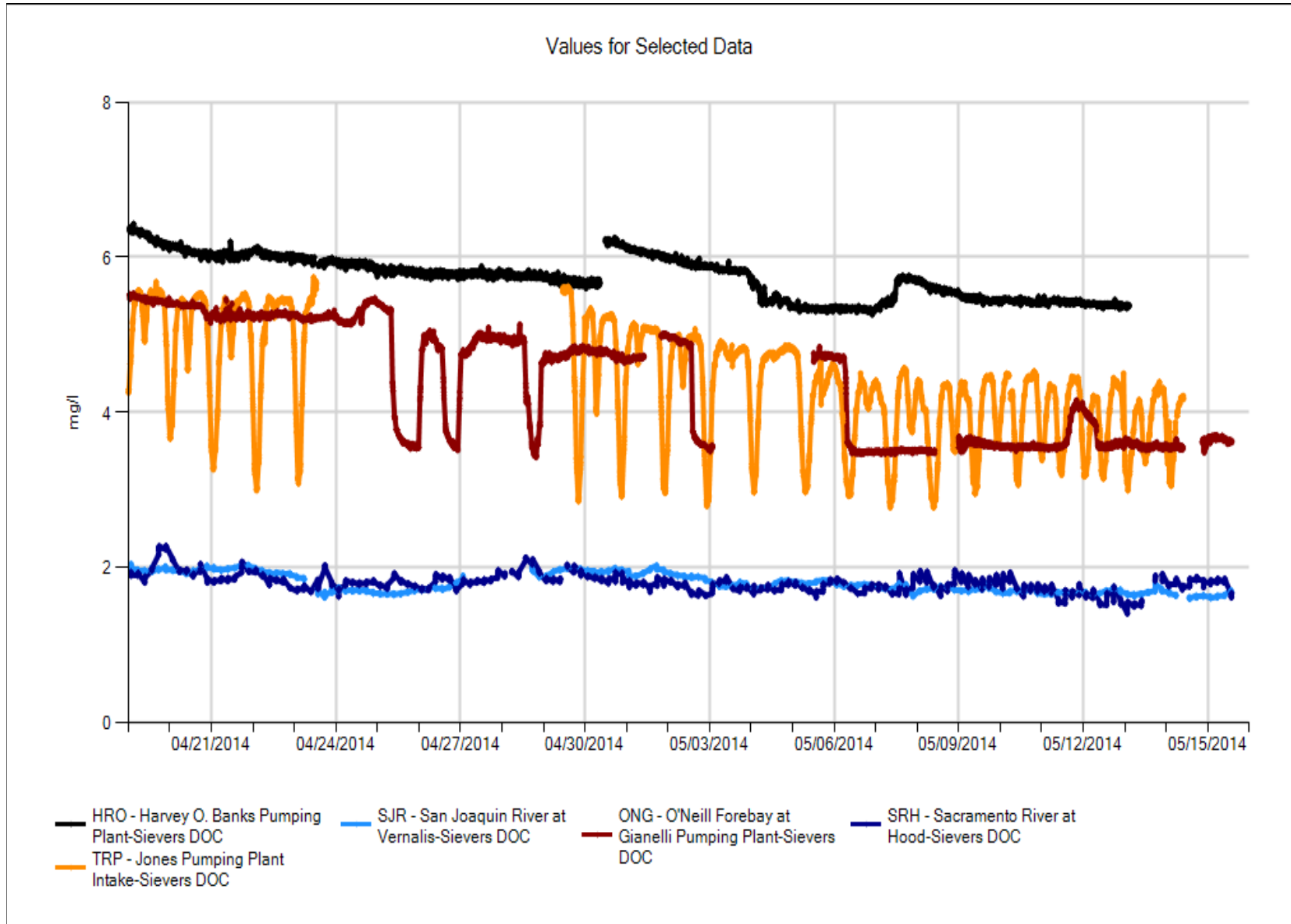


Significant Events: April 16th, 2014 to May 15th, 2014

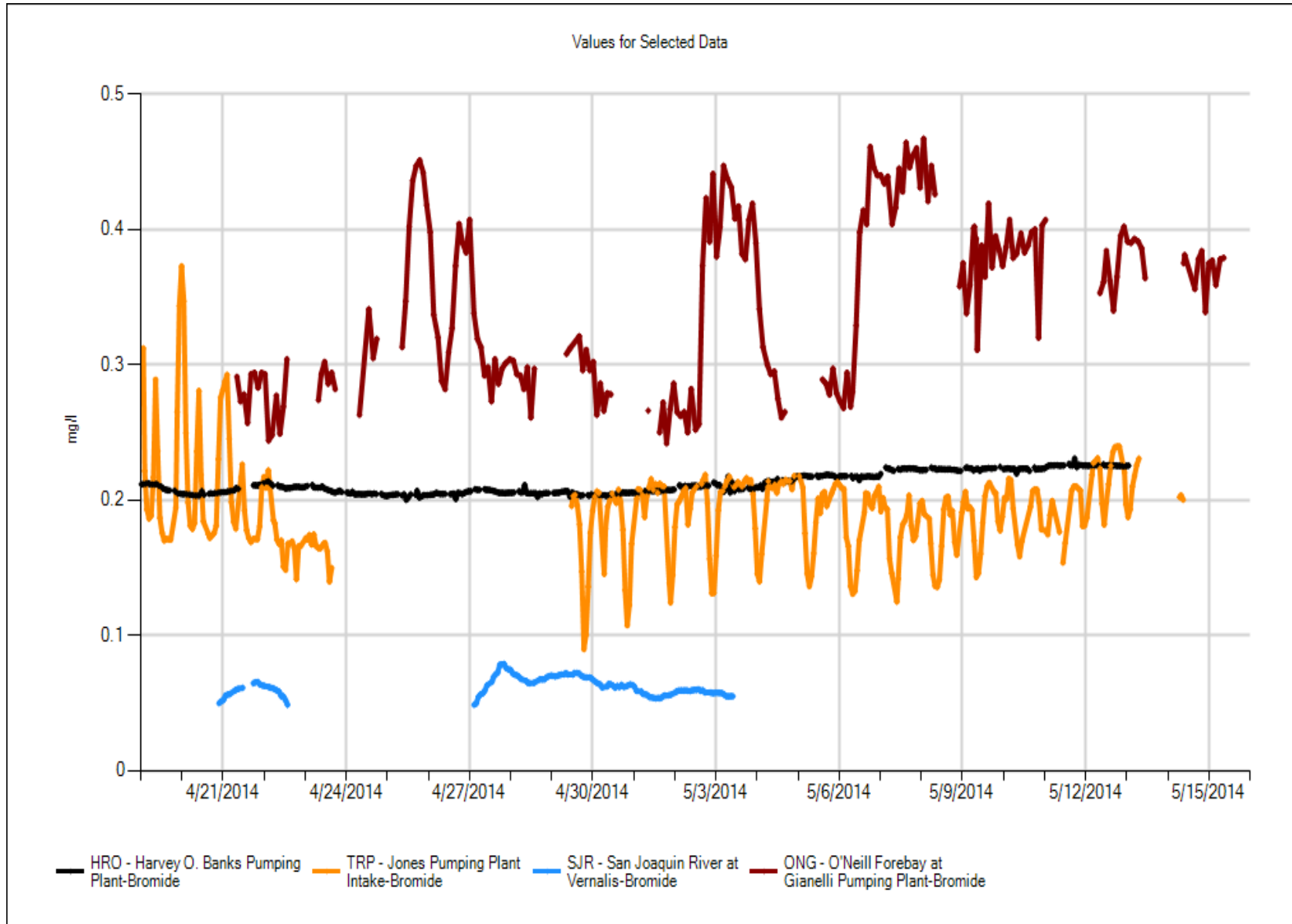
Hood Notes

- **4/23rd Filter Change:** changed .45 and 75 μ .
- **4/29th Filter Change:** 50 μ changed.
- **5/7th Filter Change:** 75 μ changed.
- **5/13th Filter Change:** 75 μ changed, and cleaned the IOS.

All Station DOC



All Station Bromide



All Station EC

