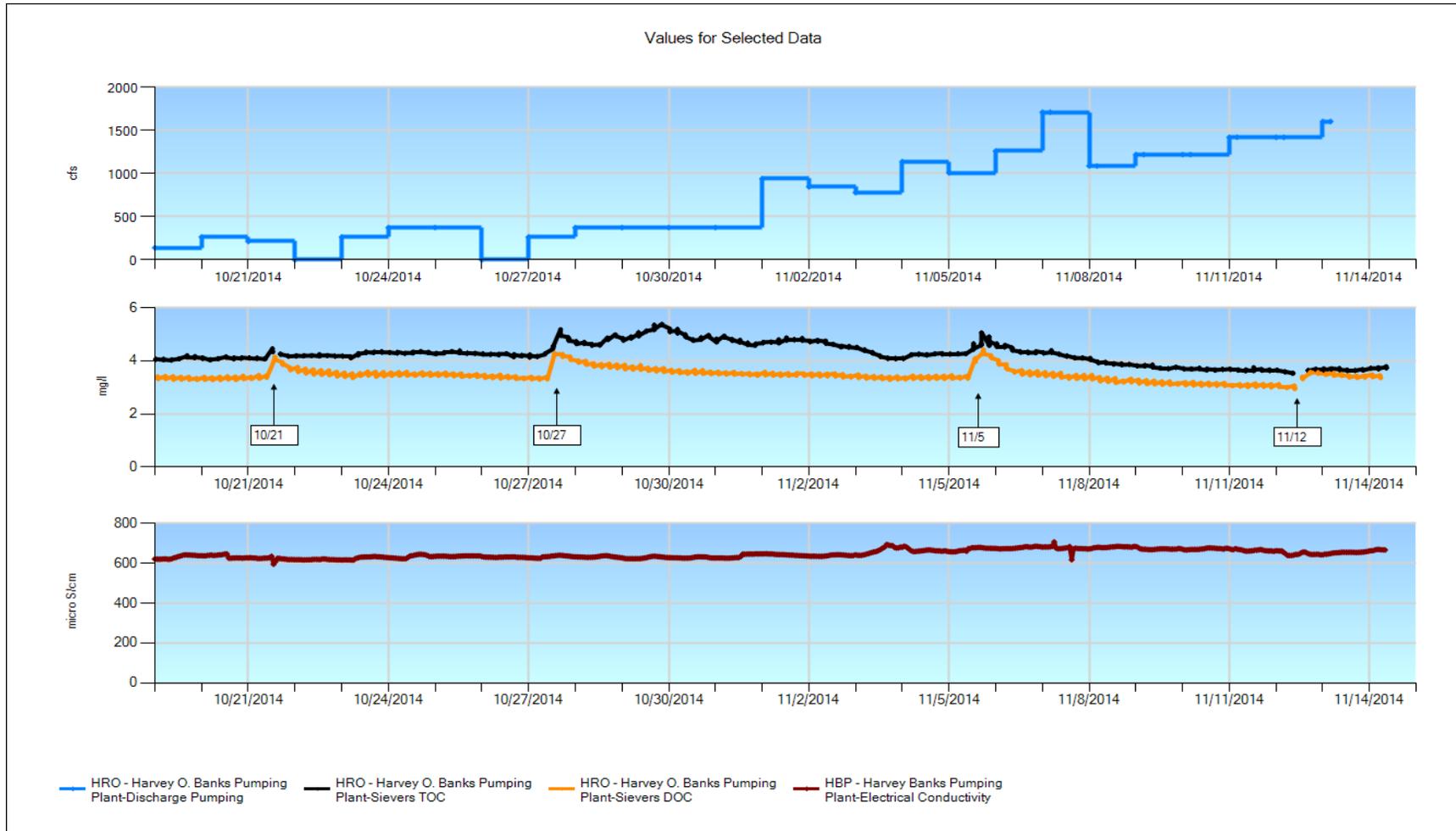


Banks Pumping Plant – Pumping, TOC, DOC and EC

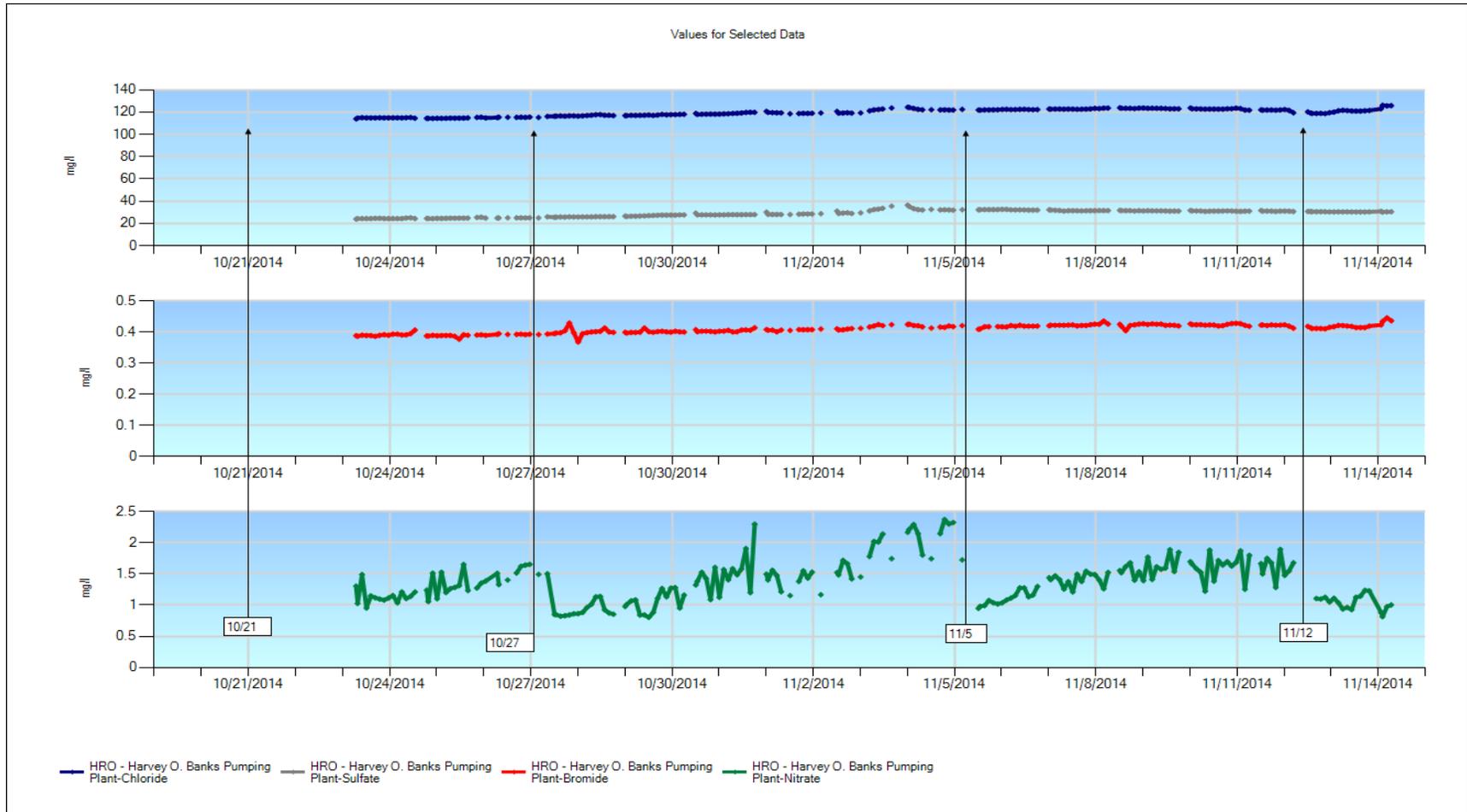


10/21/2014 – Sievers 5 ppm standard analyzed, all delivery system filters changed, the 0.45 um filter was not pre-rinsed

10/27/2014 – All sample delivery system filters changed, 100, 50, 1 and 0.45 um, the 0.45 um filter was not pre-rinsed

11/5/2014 - All sample delivery system filters changed, 100, 50, 1 and 0.45 um, the 0.45 um filter was not pre-rinsed

Banks Pumping Plant – Chloride, Sulfate, Bromide and Nitrate



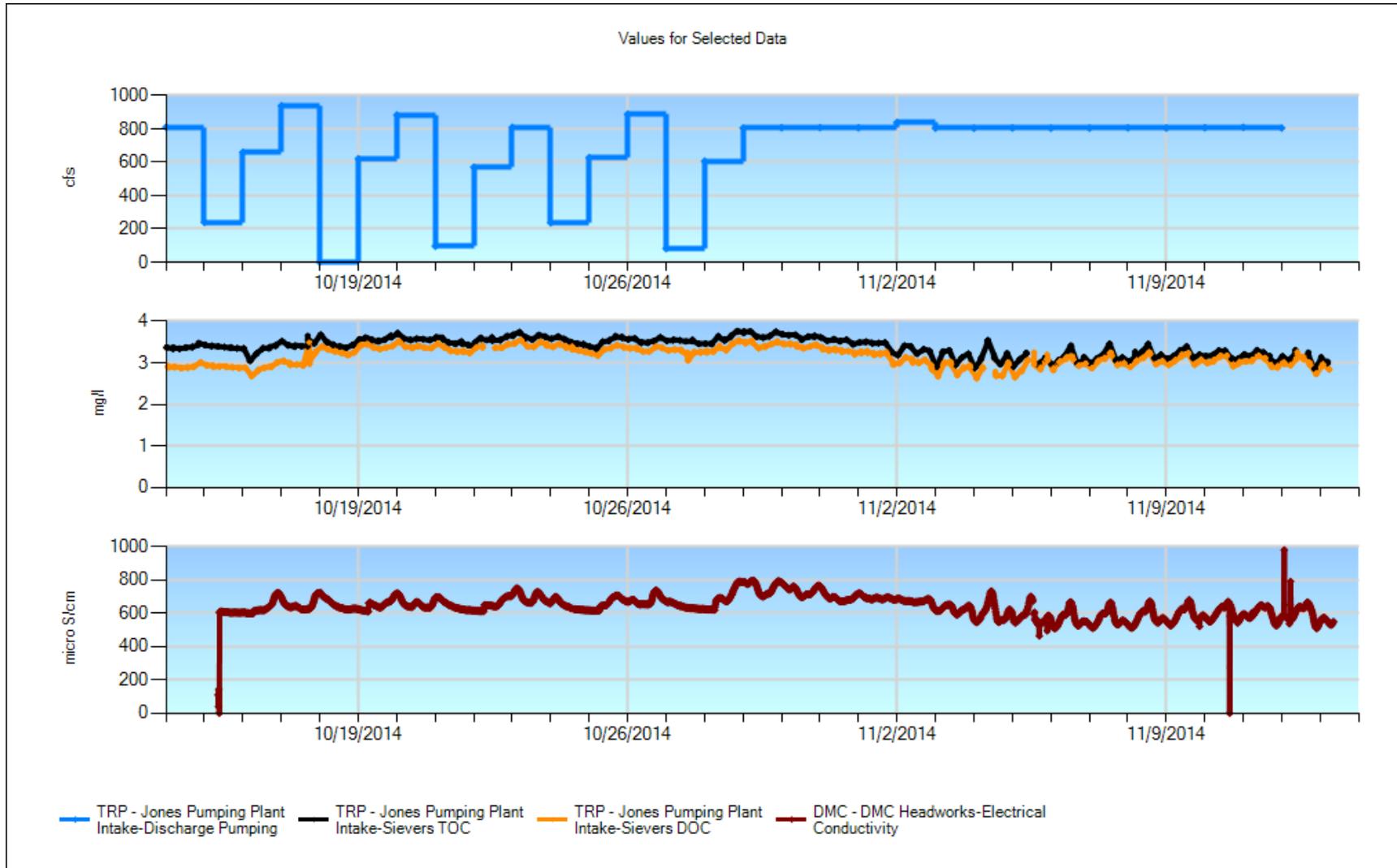
10/21/2014 – Dionex overpressured, replaced columns

10/27/2014 – All sample delivery system filters changed

11/5/2014 - All sample delivery system filters changed

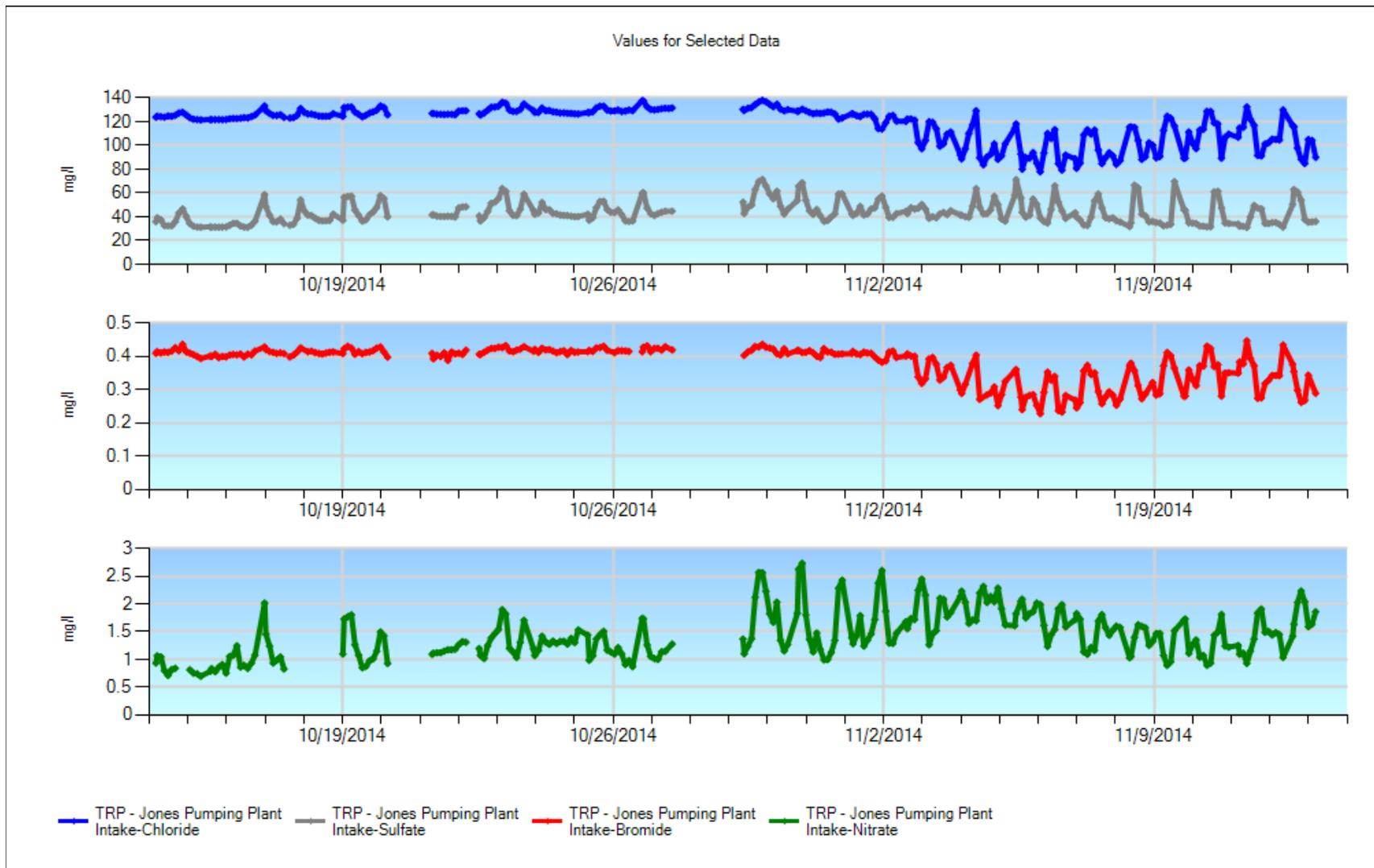
11/12/2014 - All sample delivery system filters changed

Jones PP – Discharge, Organic Carbon and Electrical Conductivity

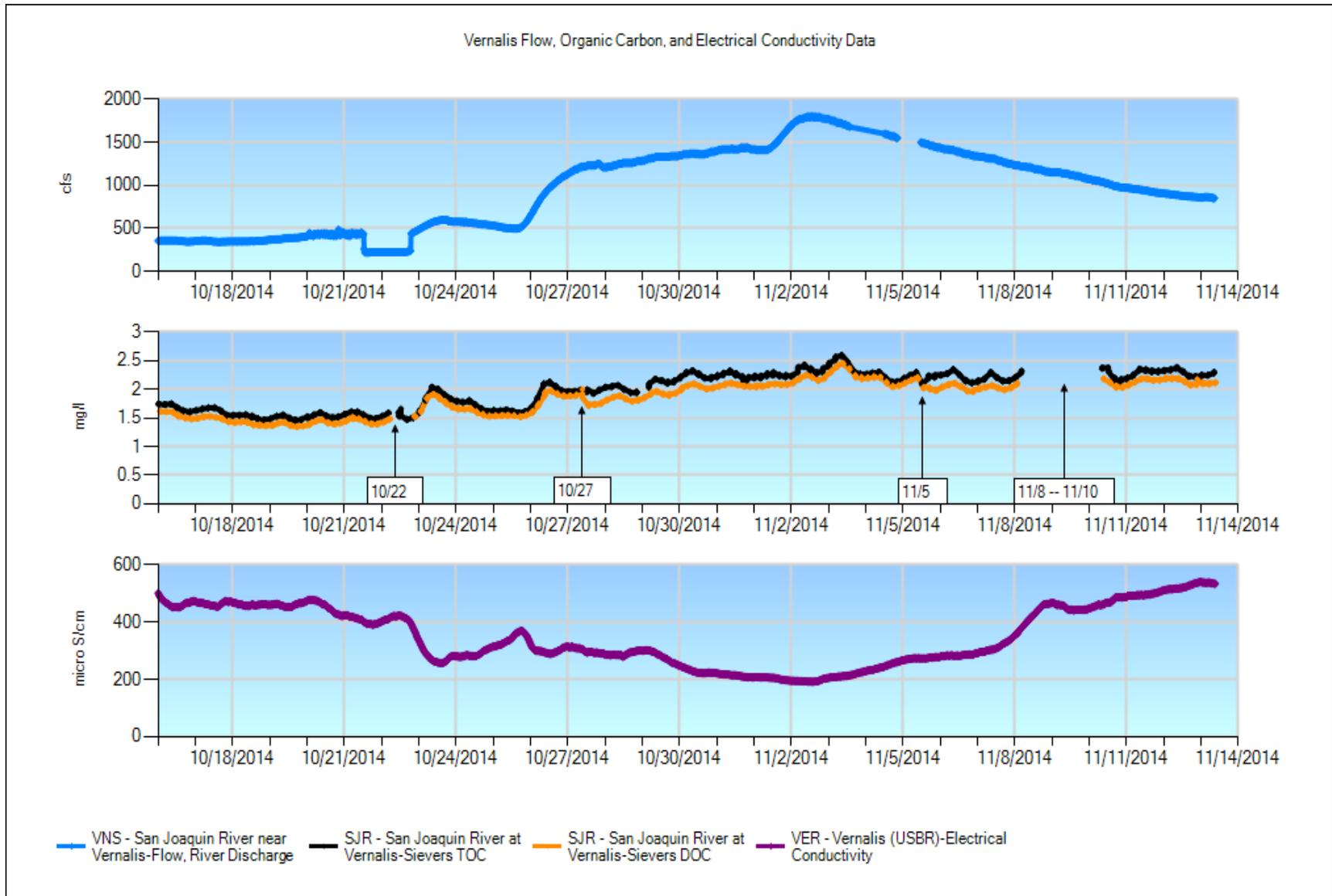


10/22 – cleaned filter tubing. Changed 100 micron filter. **10/27** – changed pre-filters. **11/5** – changed all filters. **11/12** – changed 100 micron filter.

Jones PP – Anions

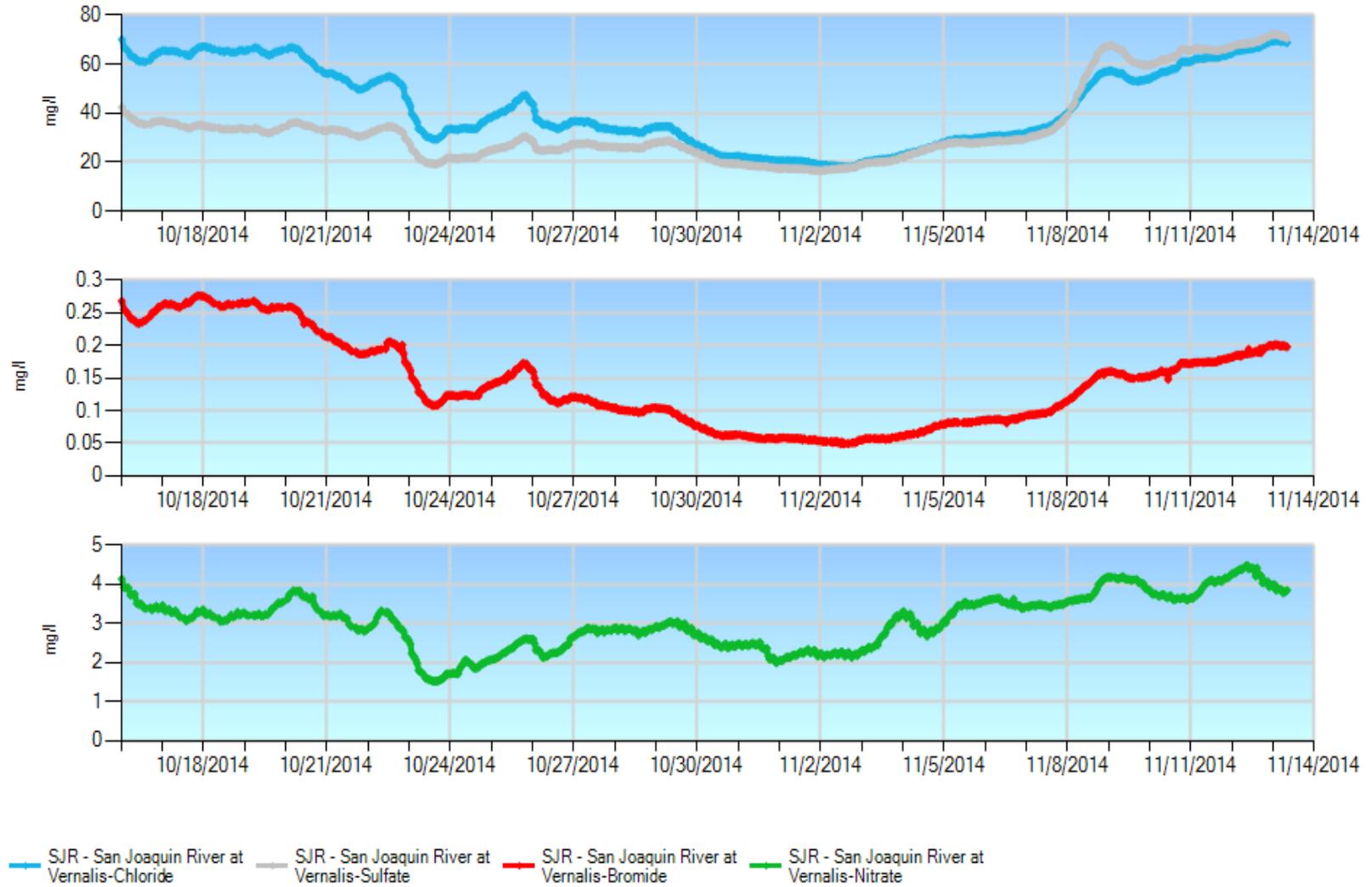


10/22 – changed guard column. **10/27** – changed double deionized water reservoir **10/28 – 10/29** – Dionex was down due to air getting in the system. **10/29** – Primed the Dionex analytical pump and removed the pressure restriction coil.

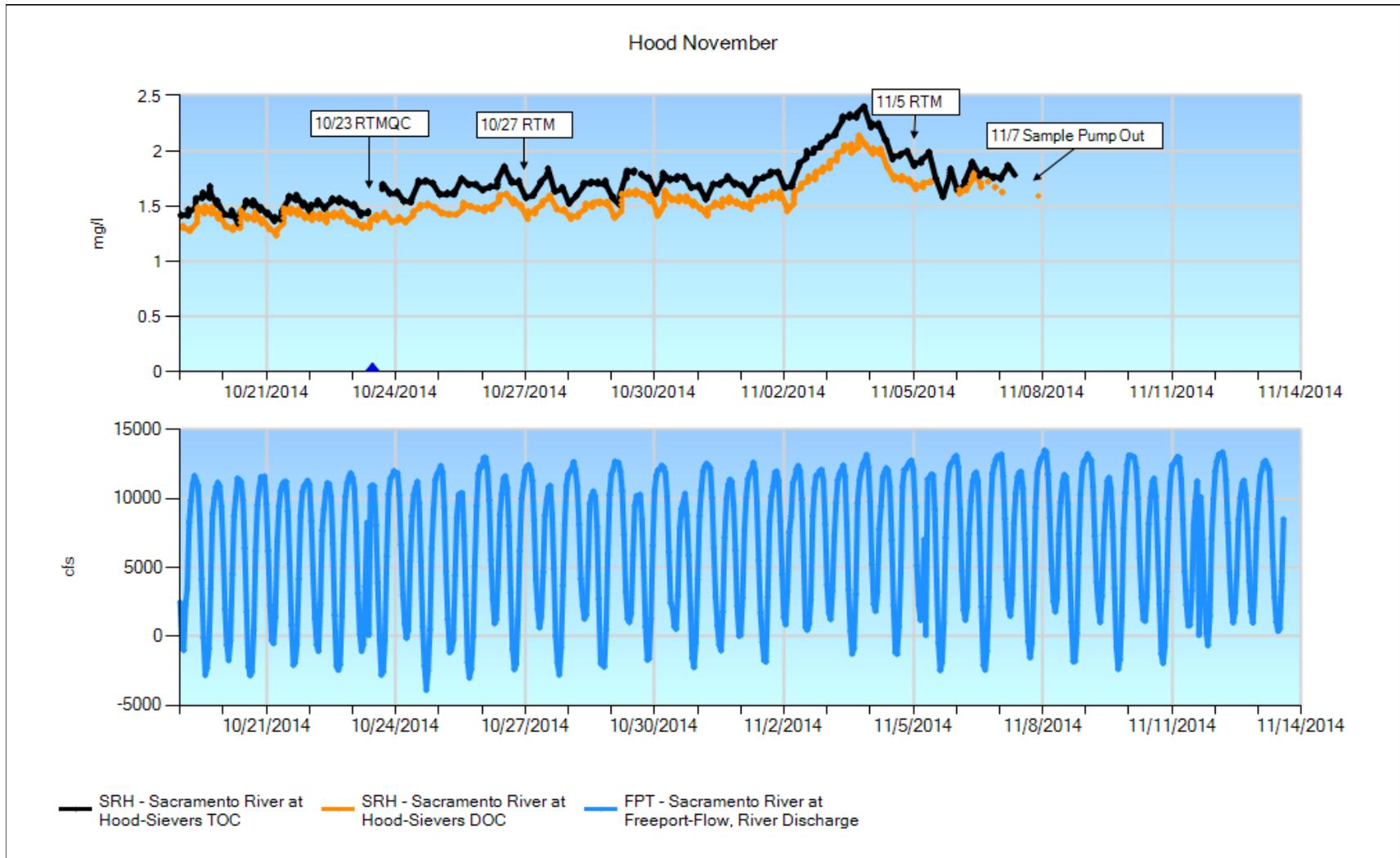


Filter Changes: 10/22 all filters, 10/27 prefilters only, 11/5 prefilters only. **Events:** Indigo program stopped logging data from 11/8 at 0600 until 11/10 at 0800, two complete days of data. No explanation why; started logging again on its own. NOAA Fisheries Fall Pulse Flow: 10/21 – 11/11.

Vernalis Chloride, Sulfate, Bromide, and Nitrate Data



No notable events. New check standard was added on 10/22 and double-DI water on 11/5.

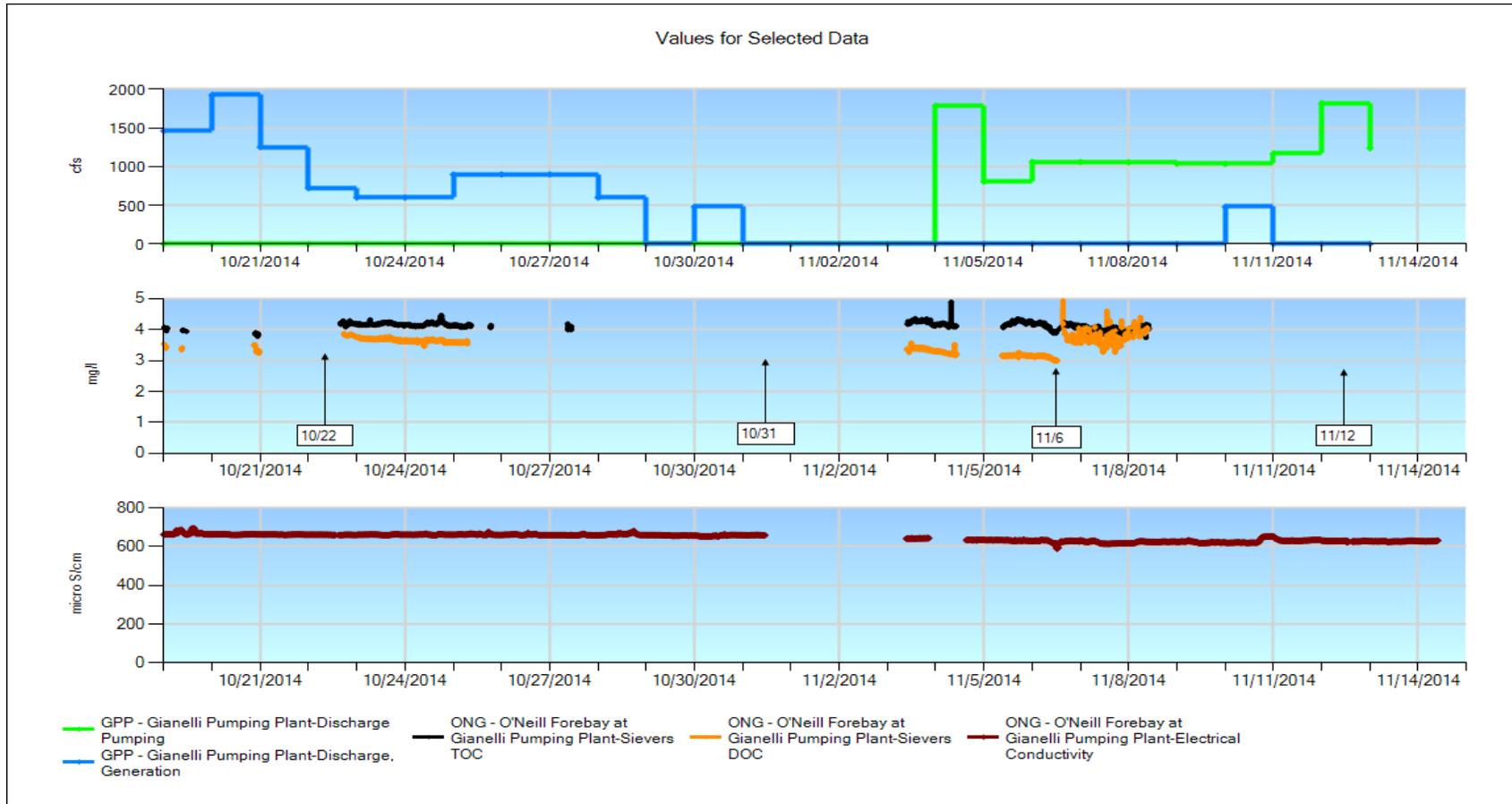


Significant Events: October 18th 2014 to November 13th 2014

Hood Notes

- **10/23 RTMQC:** Changed the pre-filters: 75, 50, and 5micron filters.
- **10/27 RTM:** Changed 75micron filter.
- **11/5 RTM:** Changed 75, 50 and .45micron filters.
- **11/7 Sample Pump Out:** the Sample pump inside the Sievers was not working properly. A new Sample pump has been ordered and will be installed soon.

Gianelli Pumping Plant – Pumping, TOC, DOC and EC



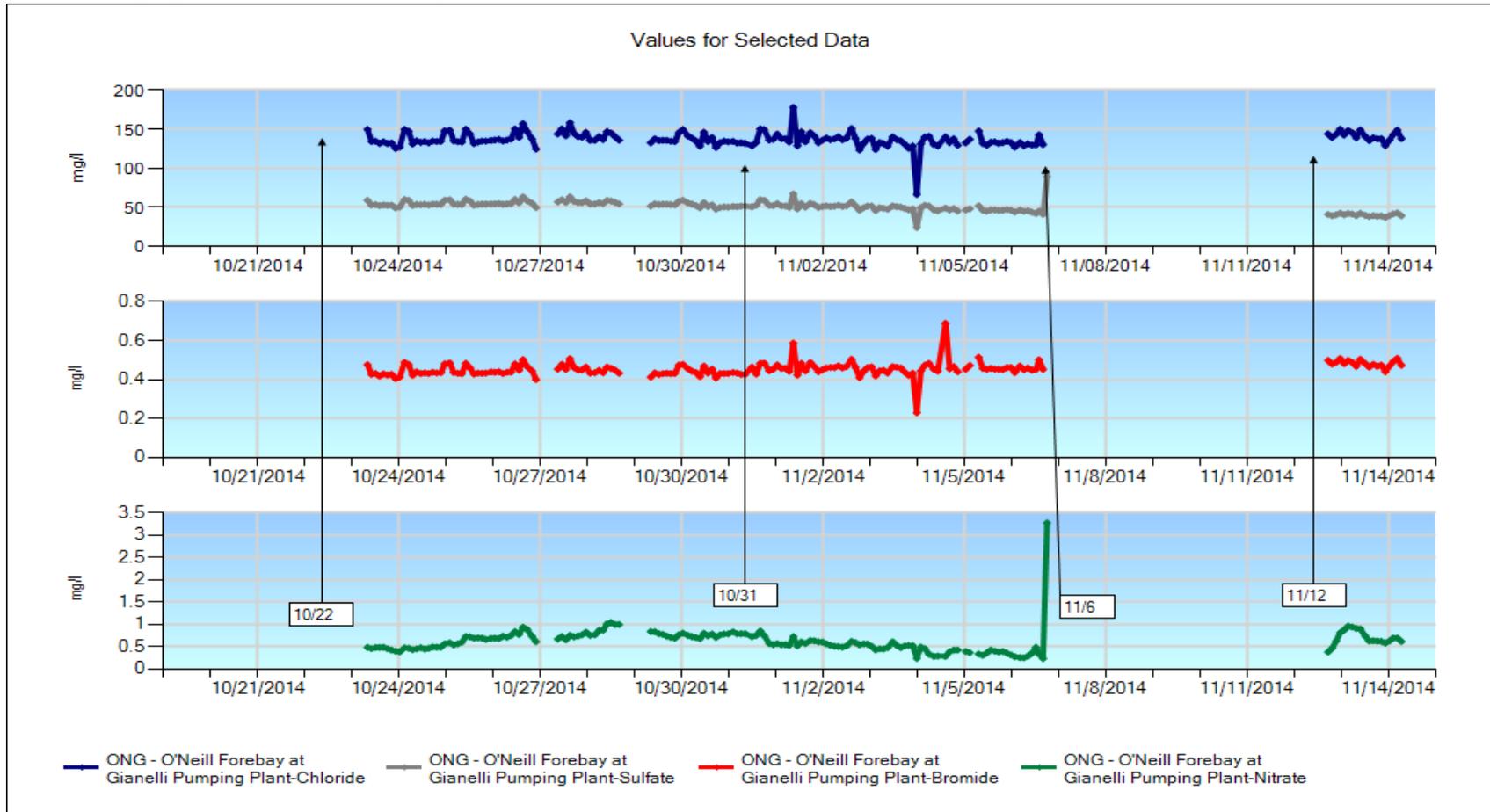
10/22/2014 – Sievers syringe error, cleaned and flushed, all sample delivery system filters changed

10/31/2014 – Sievers syringe locked up, replaced with old unit, replaced acid cartridge, replaced 50 um sample delivery system filter

11/6/2014 – Sample delivery system change, air trap added, reduced the number of filters to five: 100, 50, 10, 1 and 0.45 um, there was an issue with the air trap upon leaving

11/12/2014 – Installed the new manifold system, there was an issue with the Loggernet program writing to the logger

Gianelli Pumping Plant – Chloride, Sulfate, Bromide and Sulfate



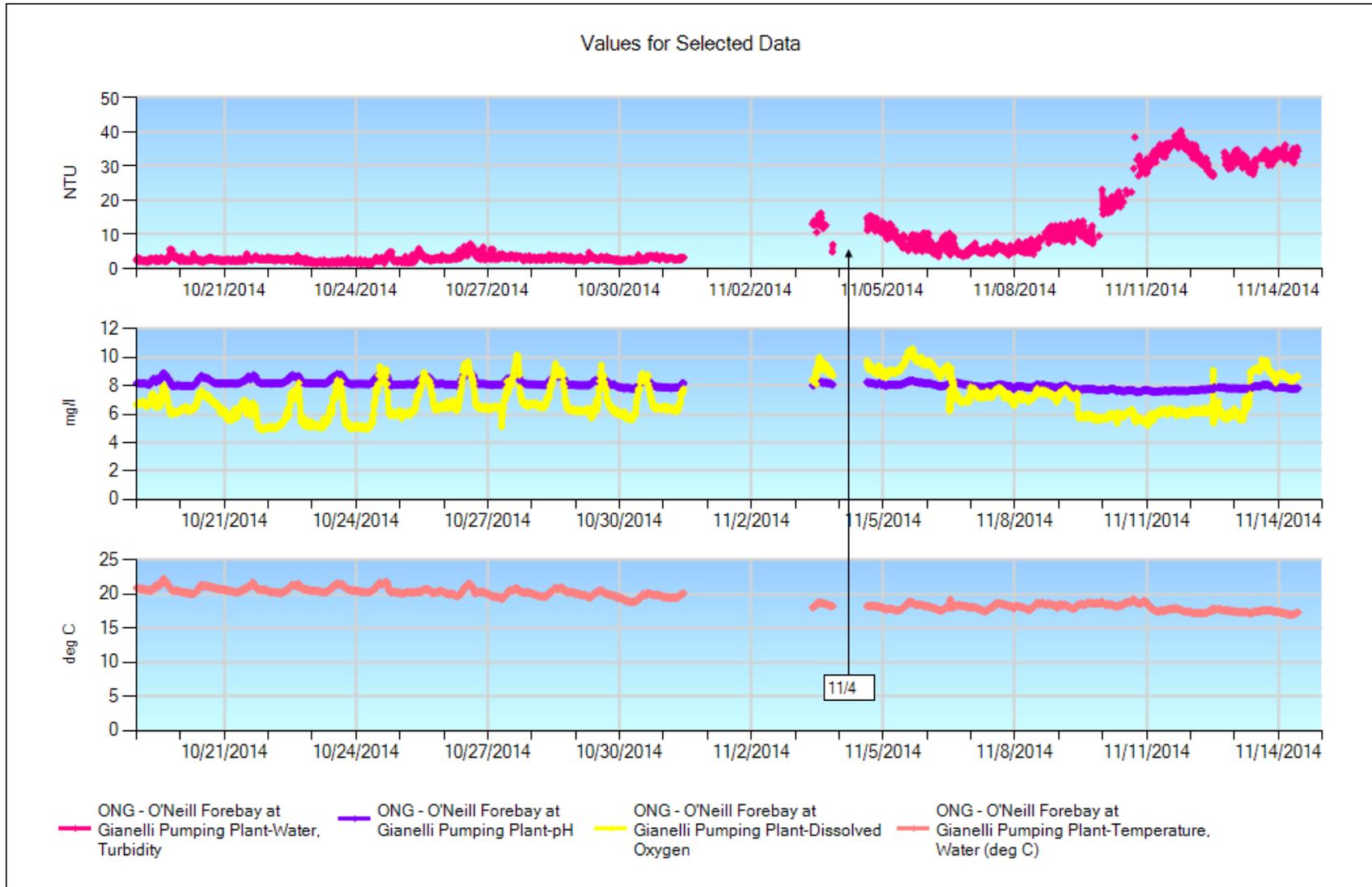
10/22/2014 – All sample delivery system filters changed, Metrohm eluent replaced

10/31/2014 – 50 um filter changed

11/6/2014 – Reduced the number of sample delivery system filters to five: 100, 50, 10, 1 and 0.45 um, added an air trap to remove invading system air

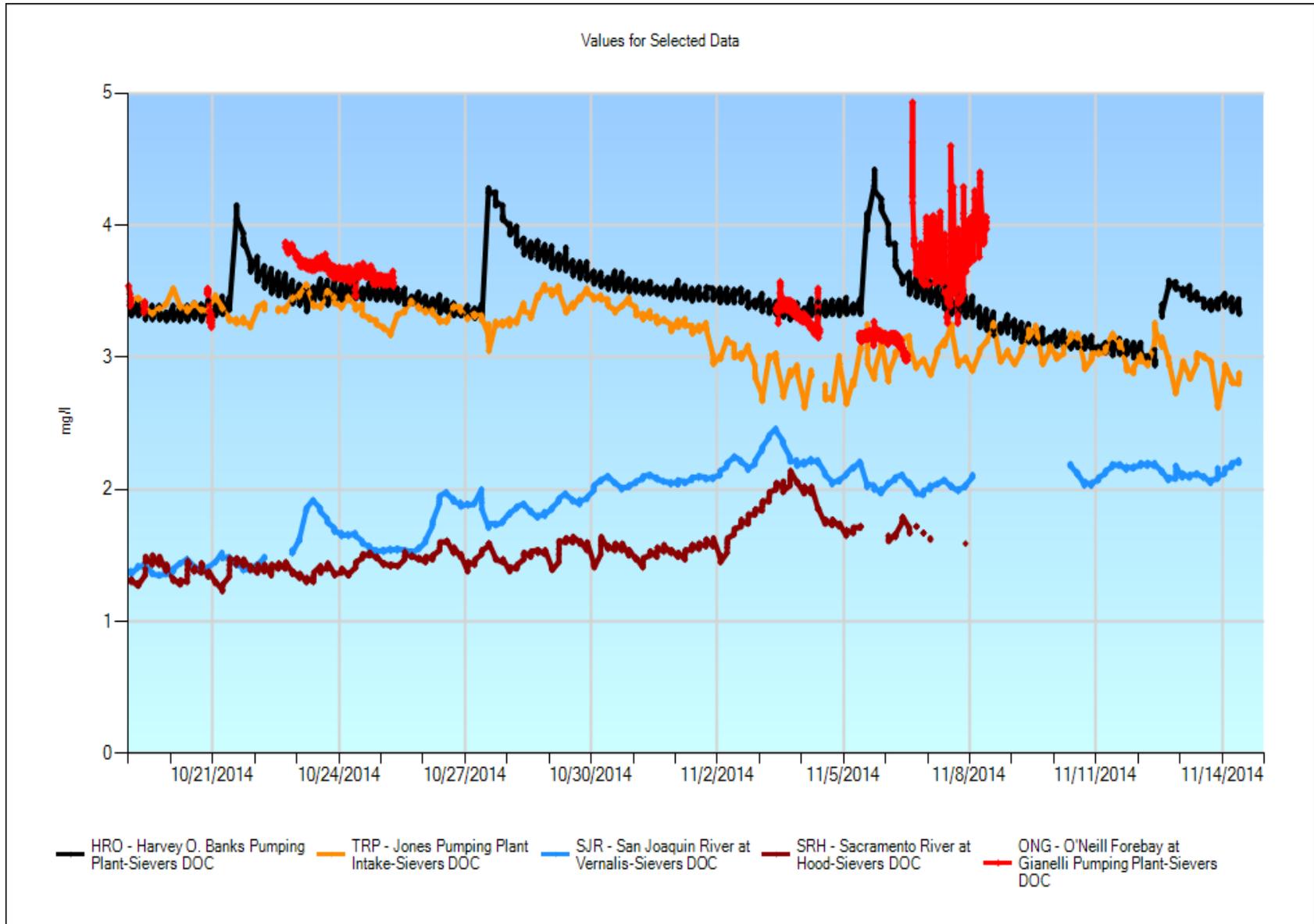
11/12/2014 – Installed new organic carbon sample delivery manifold, carbon data would not transfer to the logging program

Gianelli Pumping Plant – Turbidity, pH, DO and Water Temperature

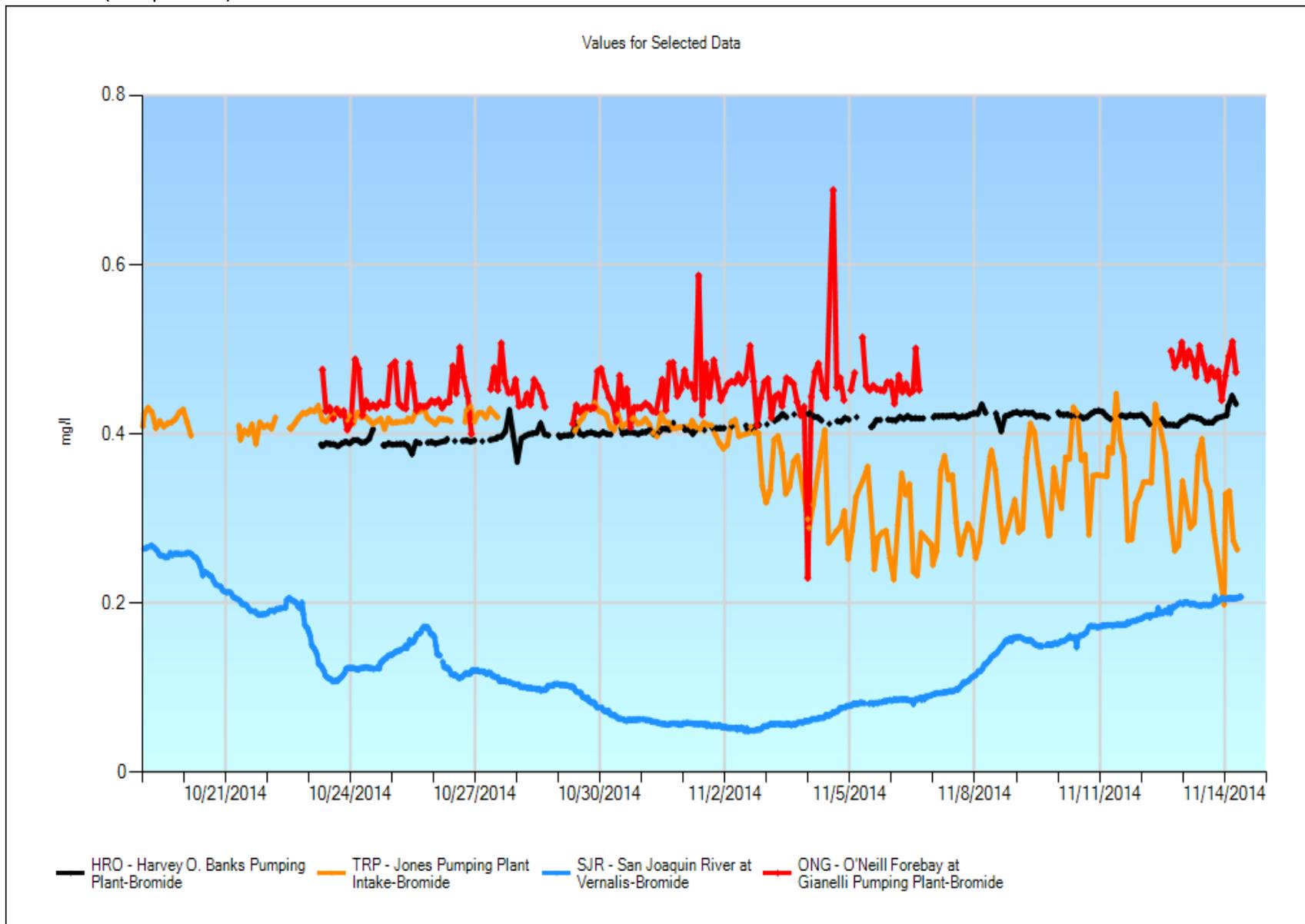


11/4/2014 – YSI data logging issue

All Station DOC



All Station (except Hood) Bromide



All Station plus Clifton Court EC

