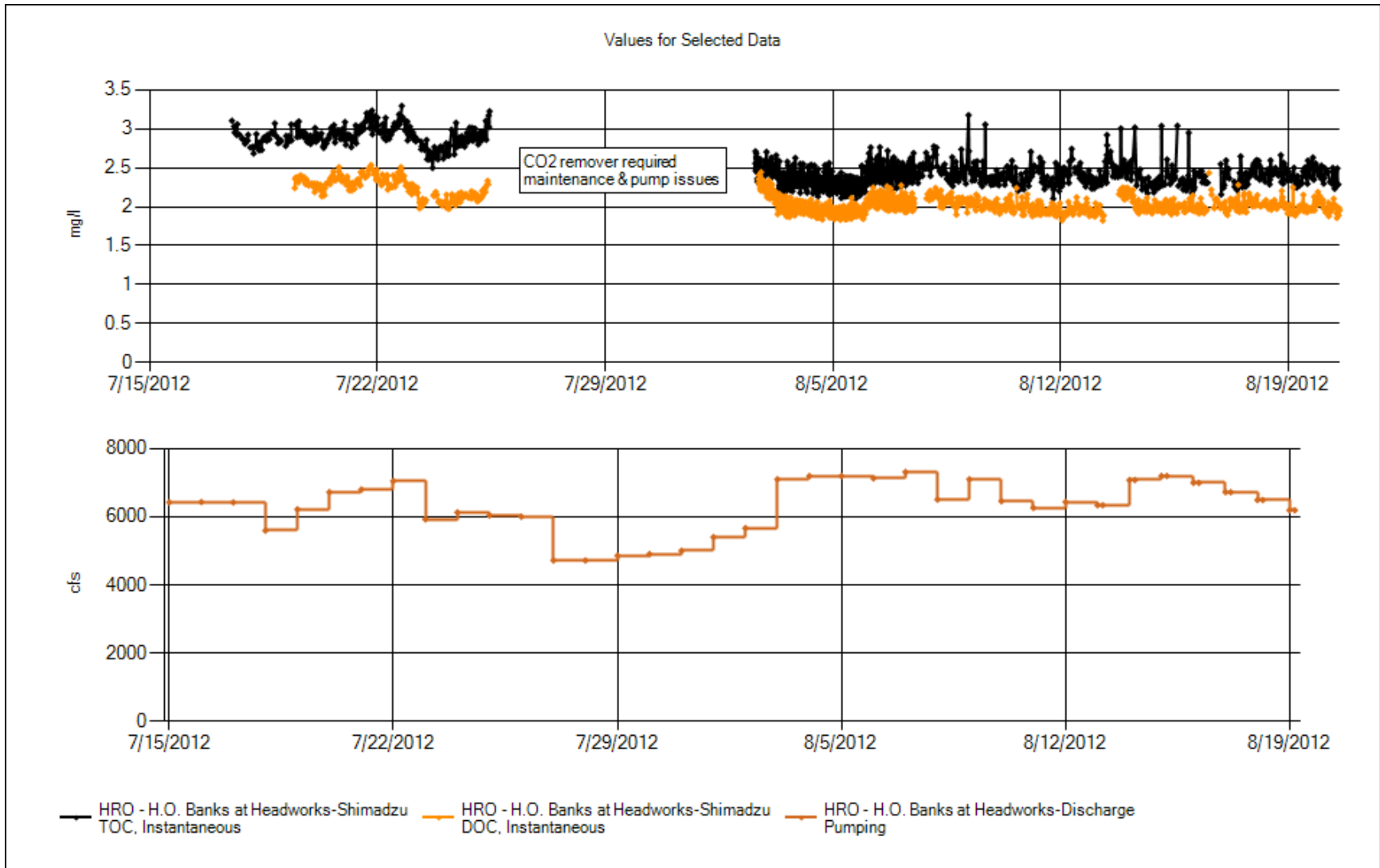
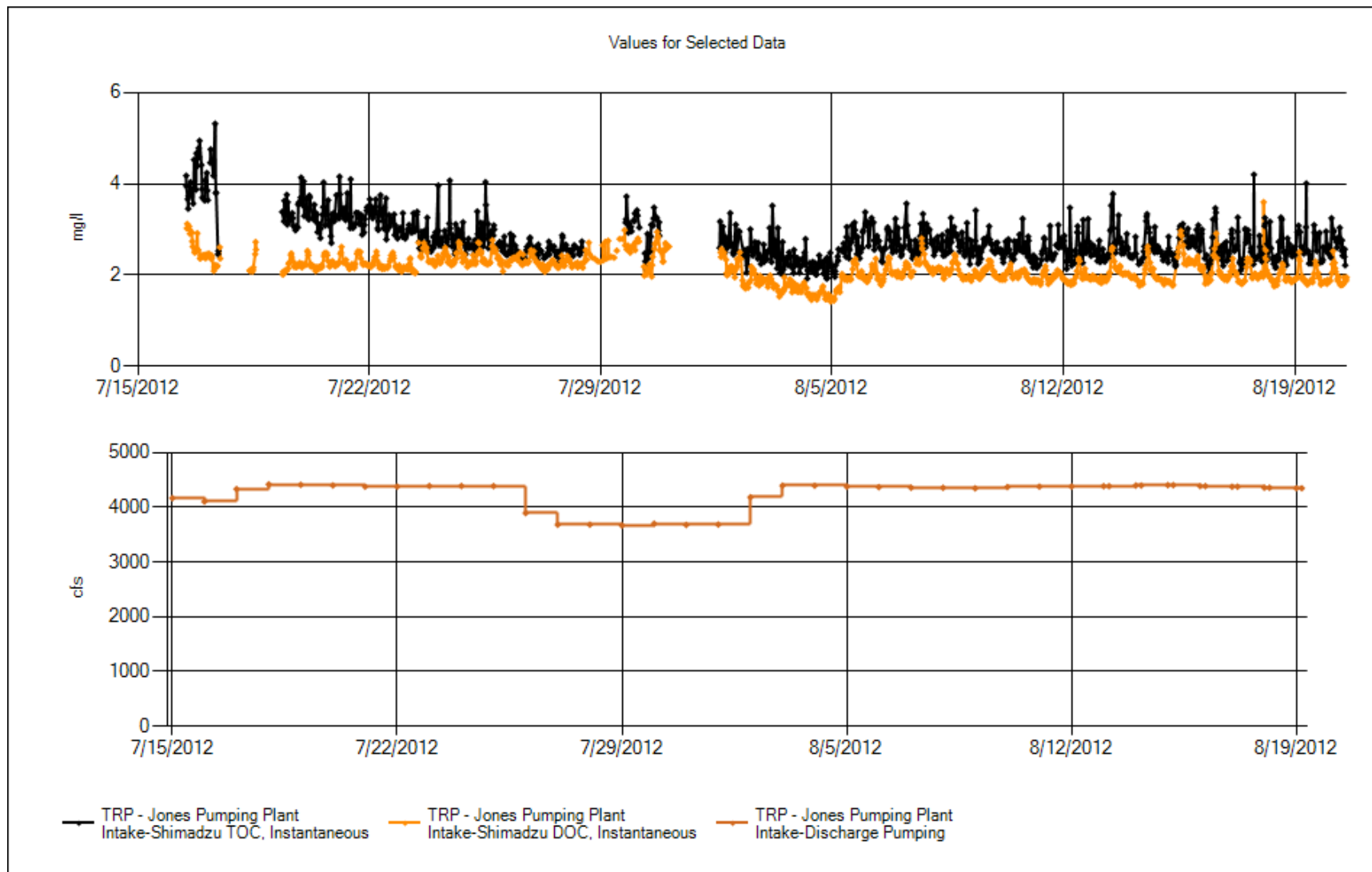


RTDF Graphical Station Update: July-August 2012

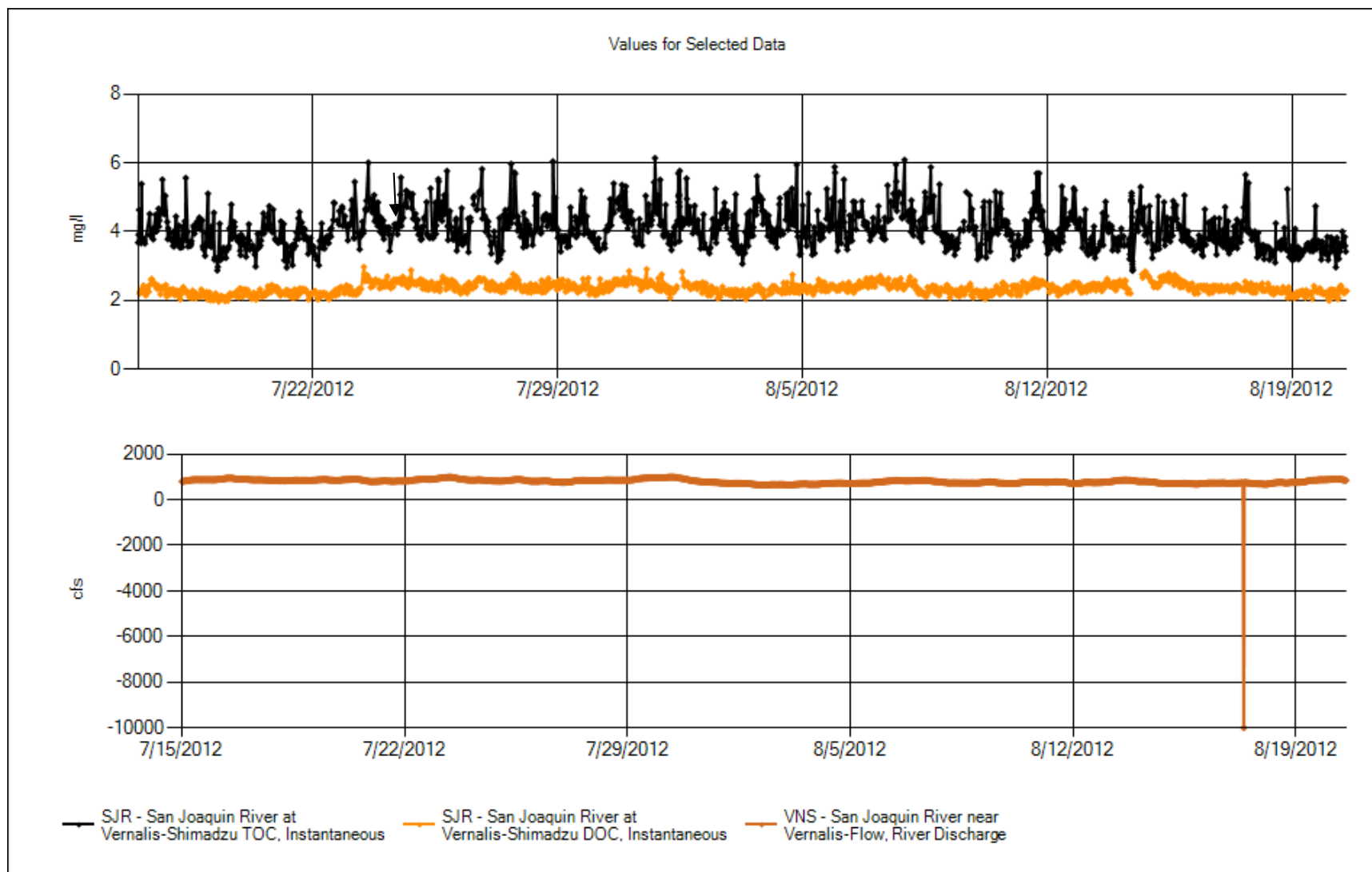
Banks Organic Carbon and Pumping:



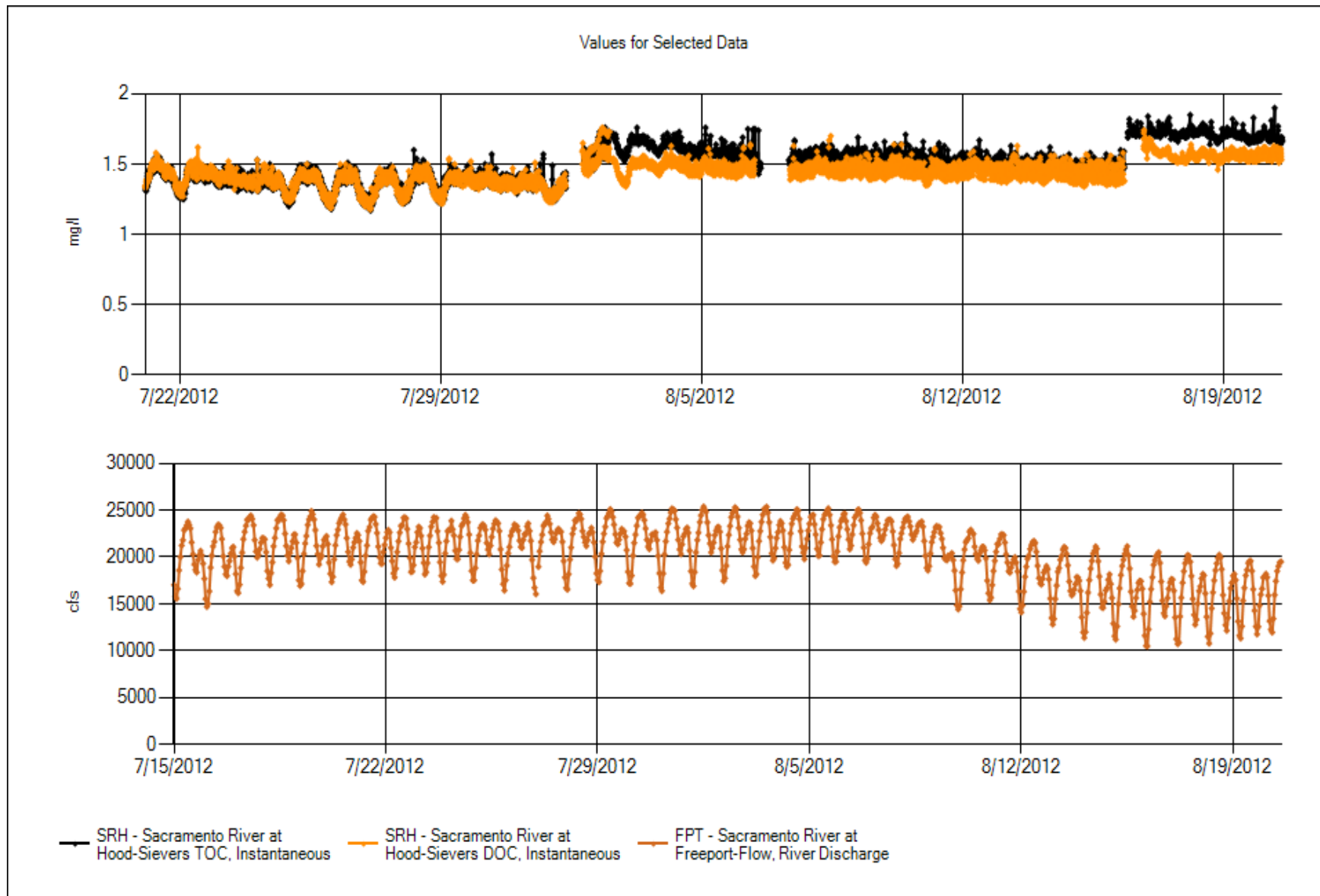
Jones Organic Carbon and Pumping:



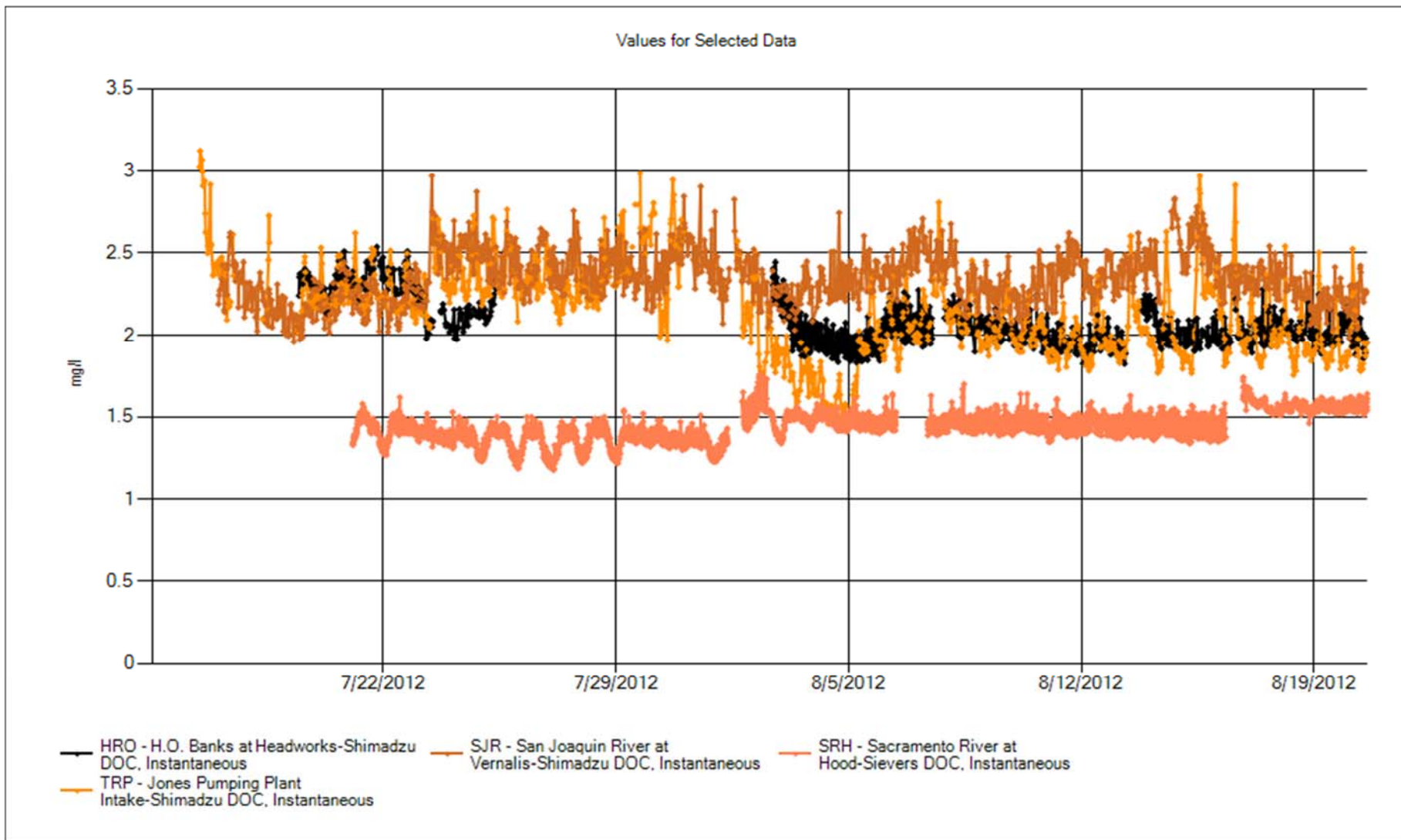
San Joaquin River Organic Carbon and Flow:



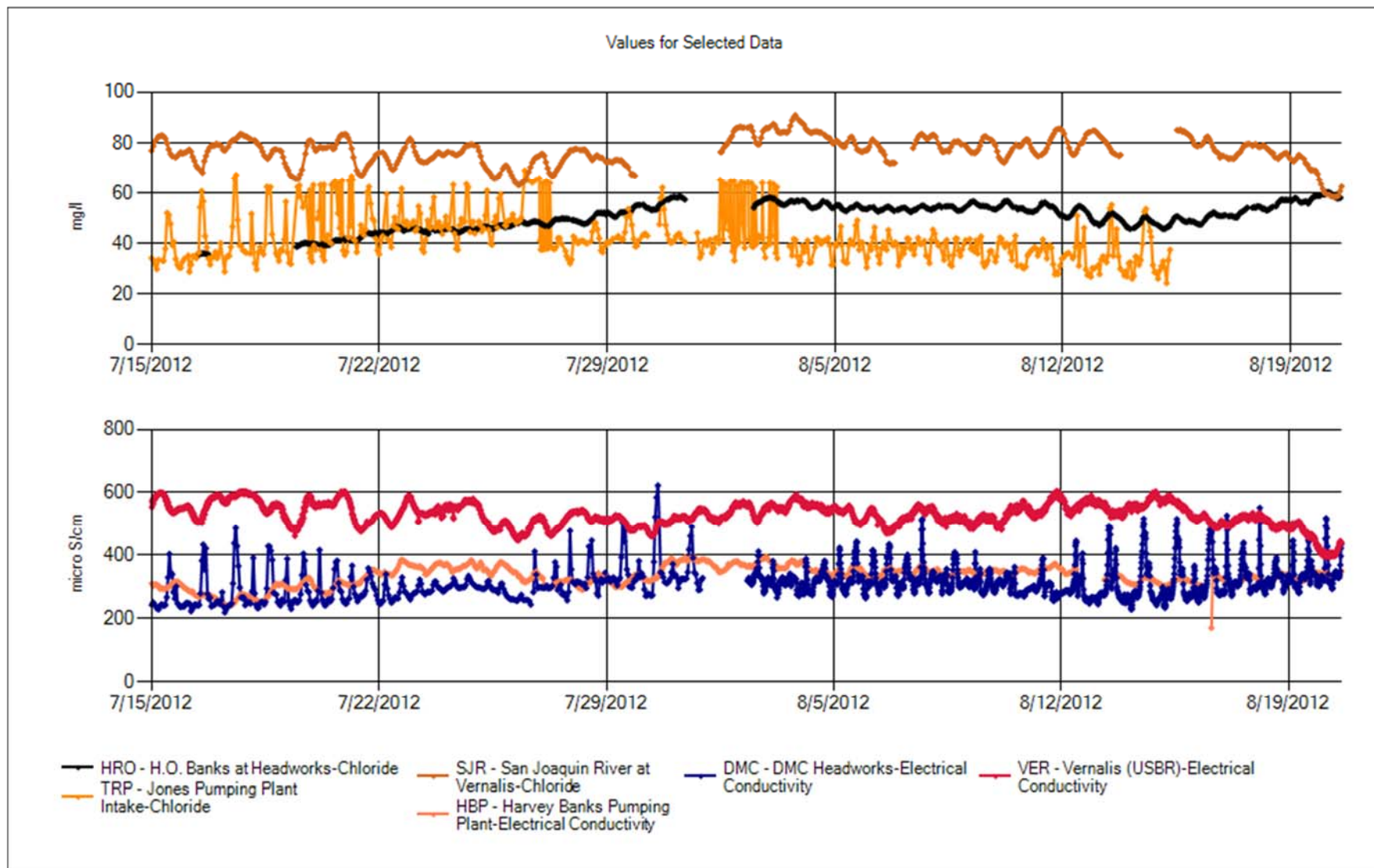
Sacramento River Organic Carbon and Flow:



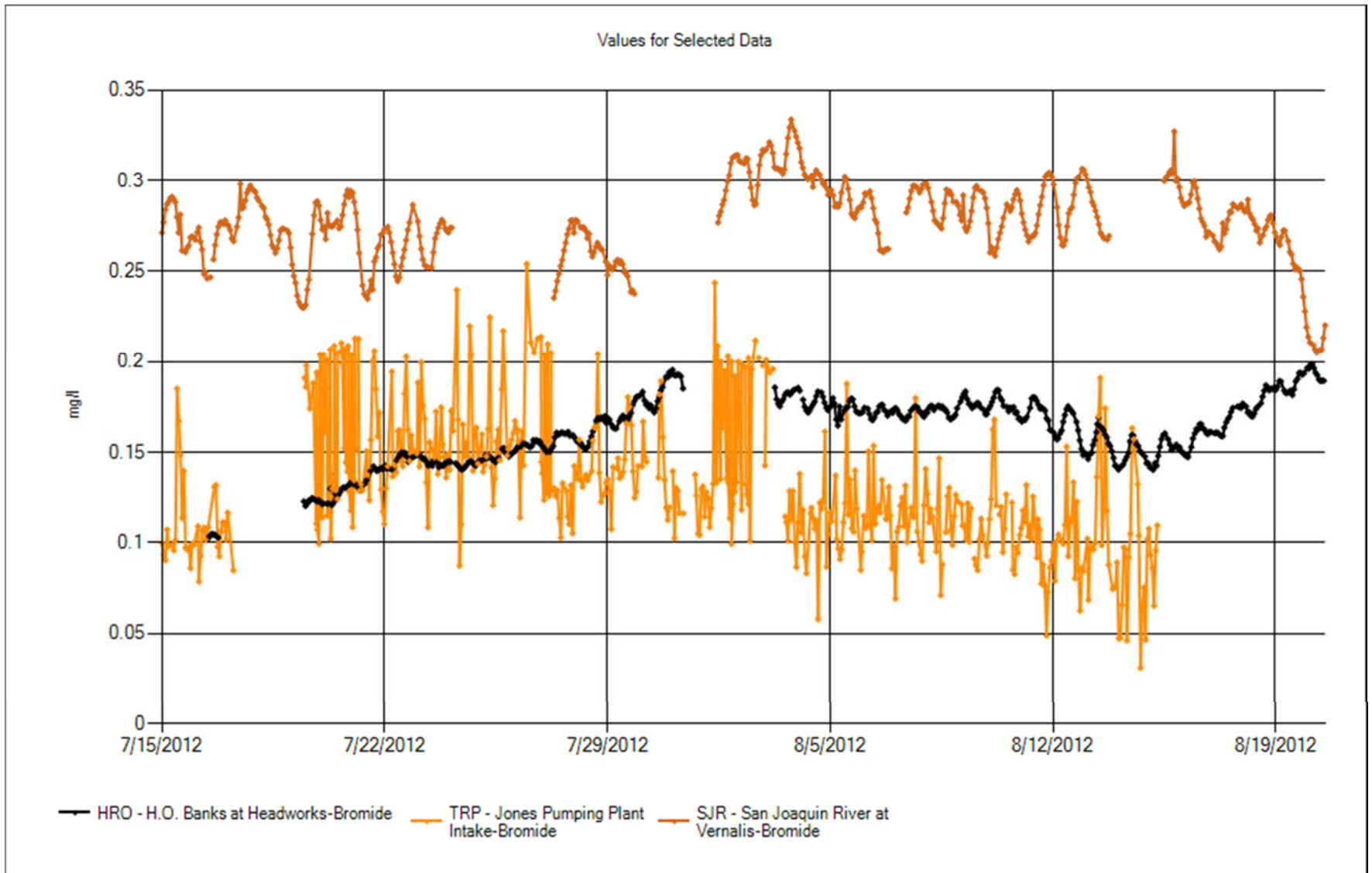
DOC at Selected MWQI Stations:



Chloride at Banks, Jones, and Vernalis:



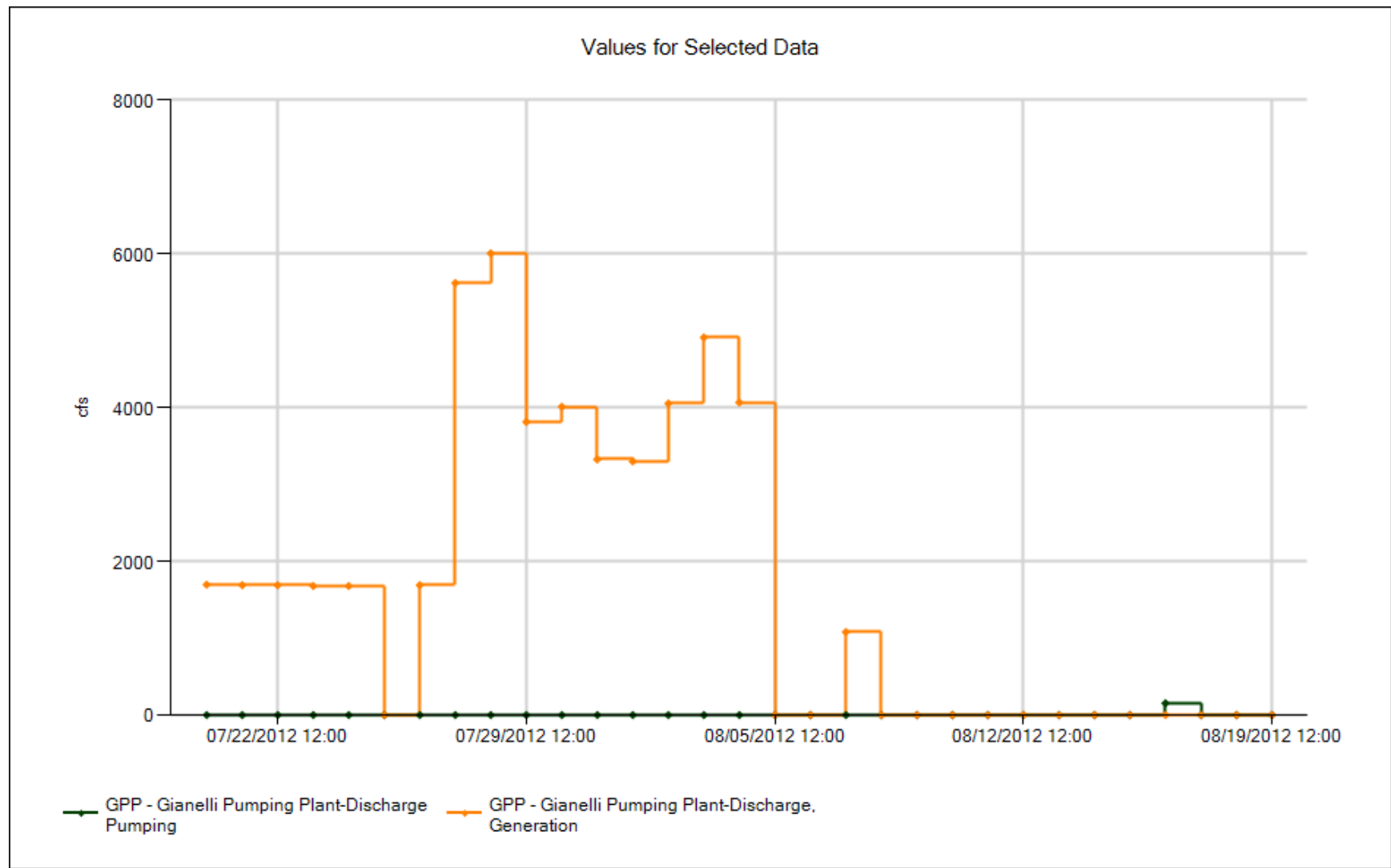
Bromide at Banks, Jones, and Vernalis:



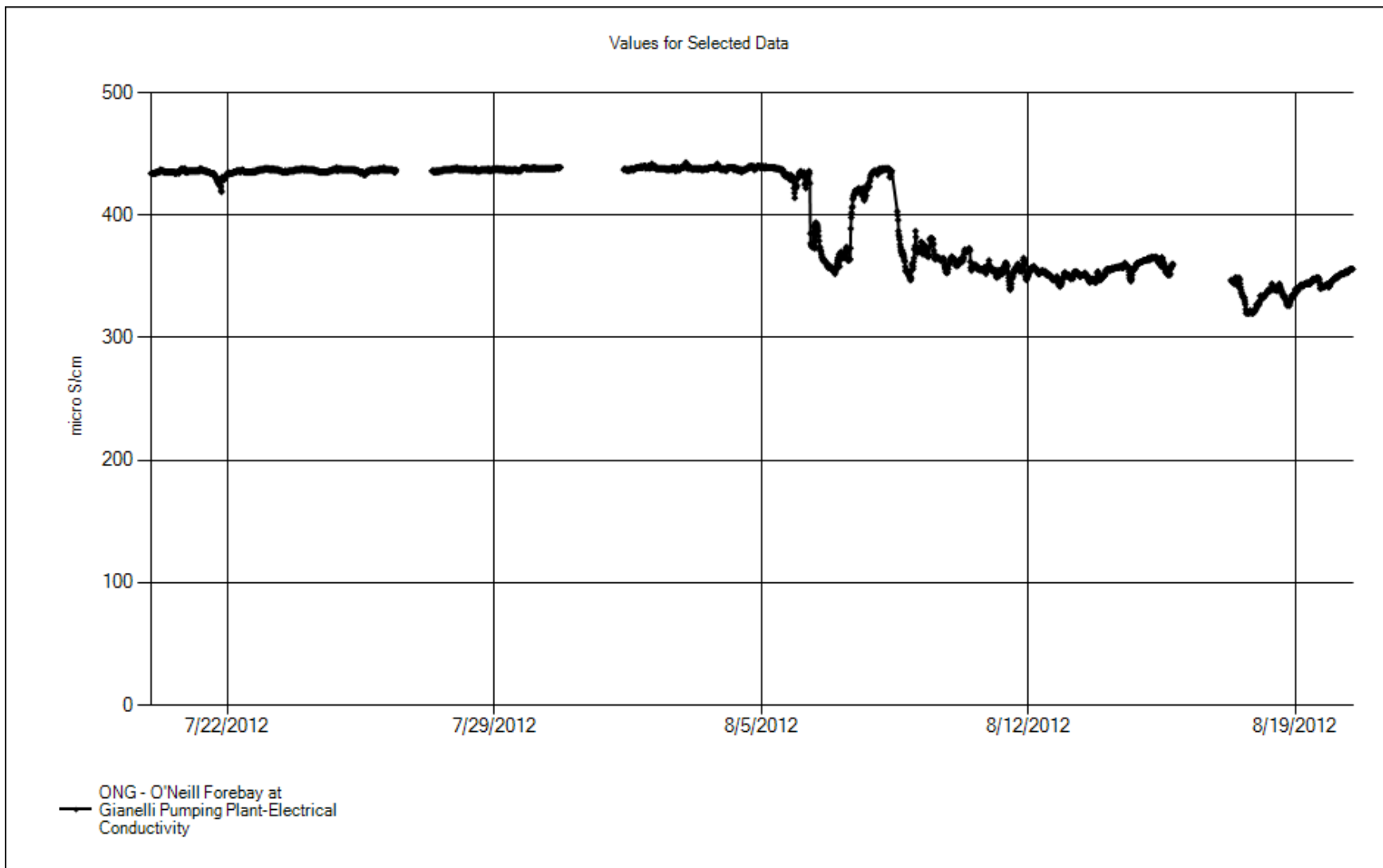
Significant Events:

- River flows and pumping at facilities have been quite stable over the past month. The concentrations of analytes of interest have likewise remained quite stable.
- Only major outage this month was seen at Banks, where water delivery pump and peripheral component issues resulted in multiple days of the organic carbon instrument being offline.
- Sievers instrument at Hood operational, but the TOC/DOC overlap has persisted. During this month the cause, a programming error, was determined and the data overlap issue has been corrected.
- New Dionex system at Jones is operational, but the data has been somewhat unstable. We continue to work out the bugs on this instrument.

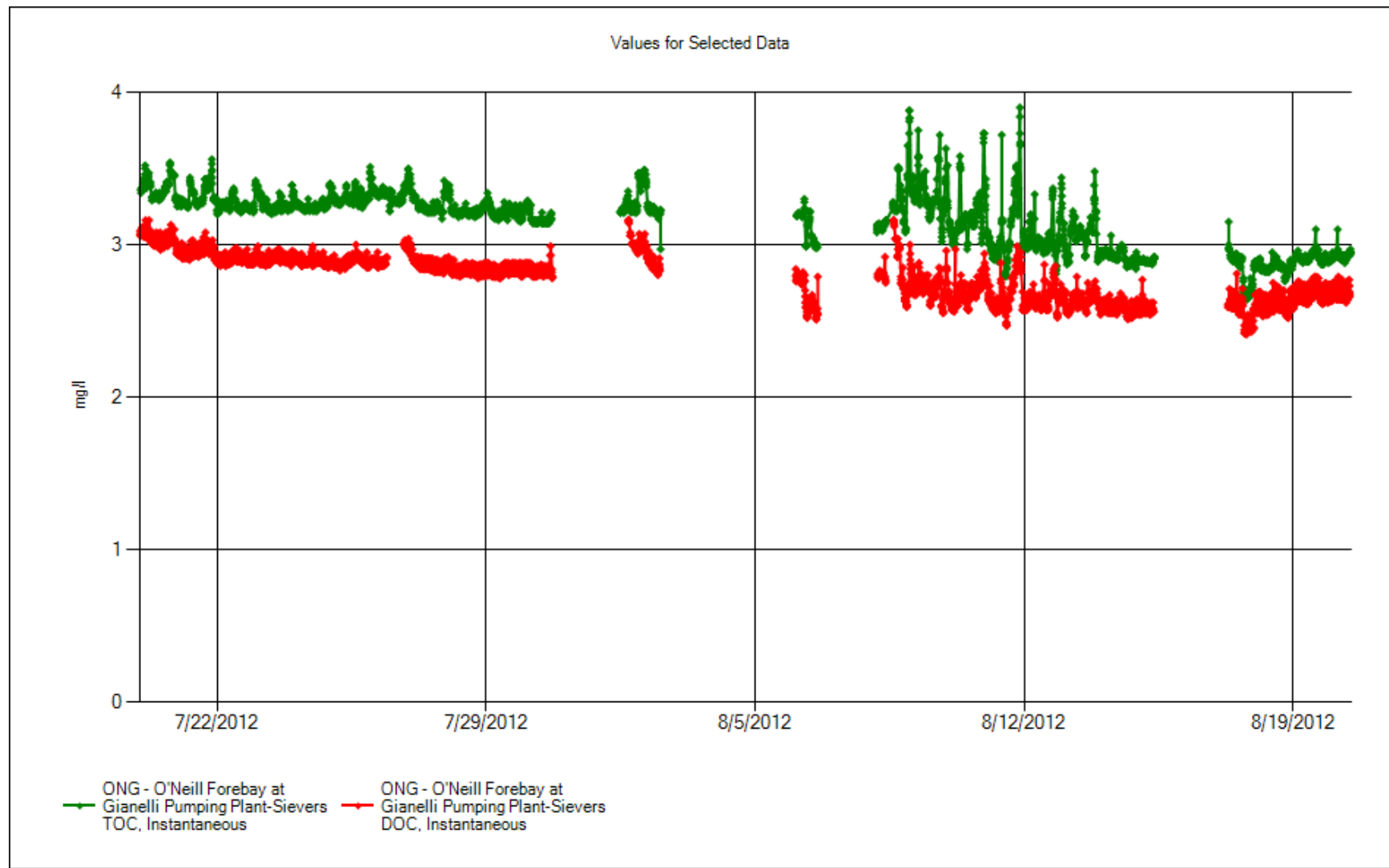
Gianelli Pumping / Generating



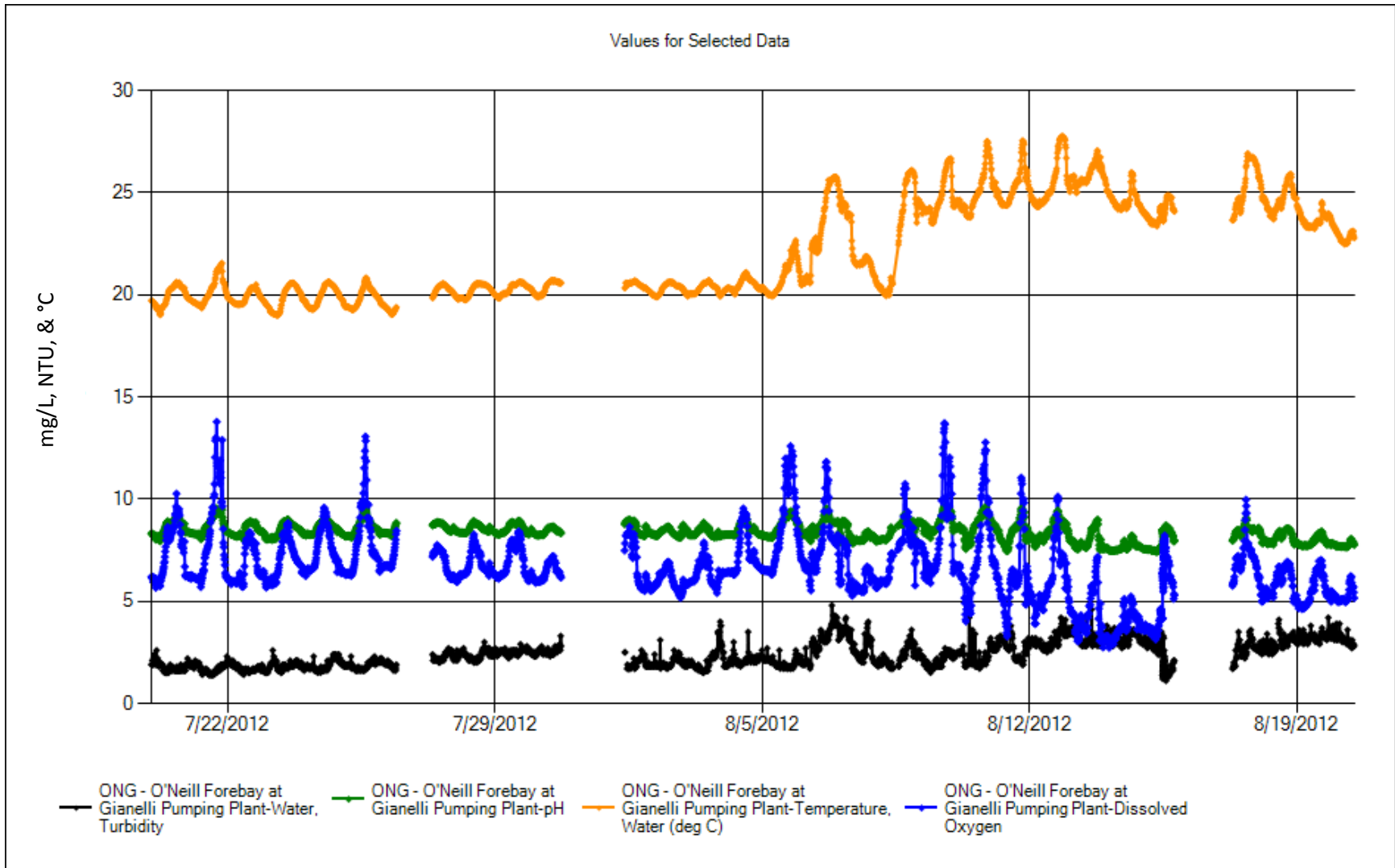
Gianelli EC



Gianelli OC



Gianelli ph, DO, Turbidity, & Temp



Significant Events

7/26 to 7/27 – Data log error

Data wasn't being logged due to an error in the computer settings, which was corrected the next day via remote desktop.

8/8 – YSI calibrated

All pre and post calibration values fell within acceptable values.

7/30 to 8/1 – Computer problem

There was an issue with the computer connection that required it to be restarted.

8/2 to 8/8 – Sievers ran out of acid

8/15 to 8/17 – Computer problem

The computer connection problem occurred again, but we had SLFD restart it so we weren't able to diagnose the problem.