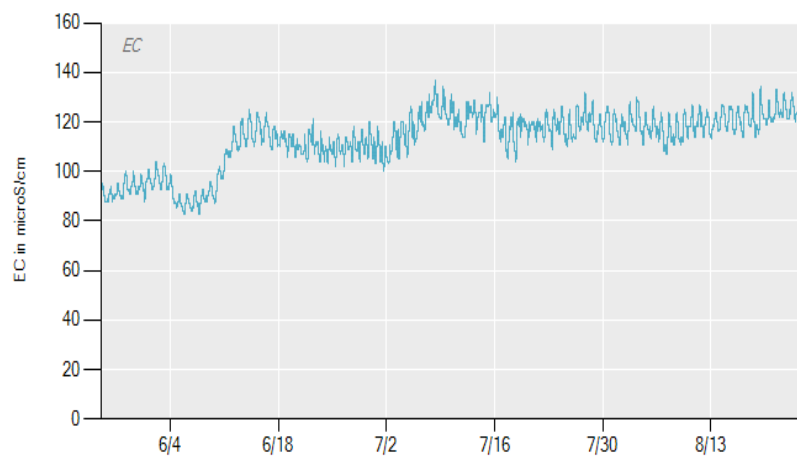
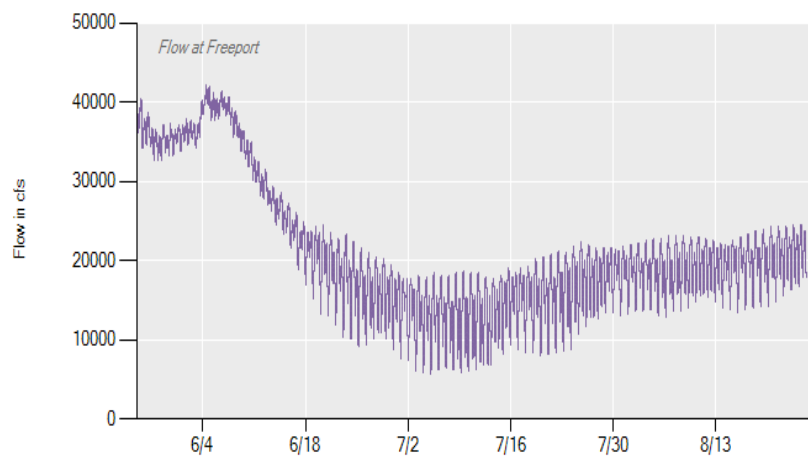
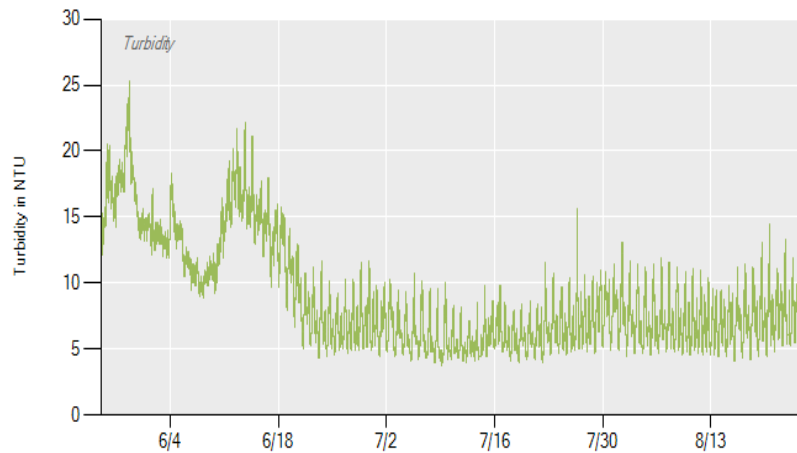
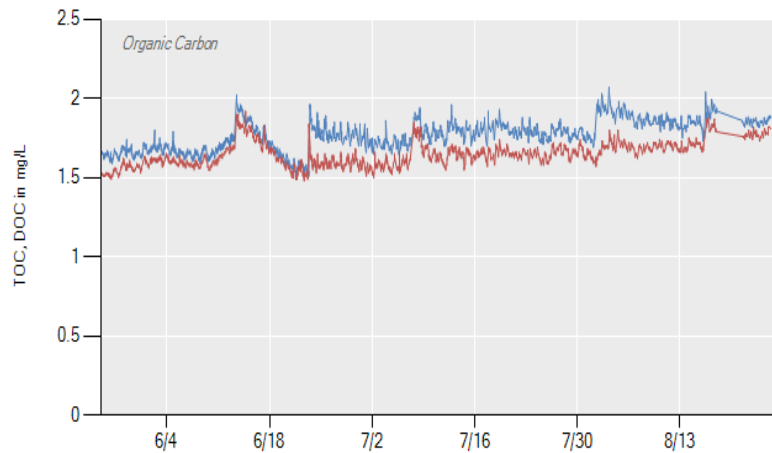
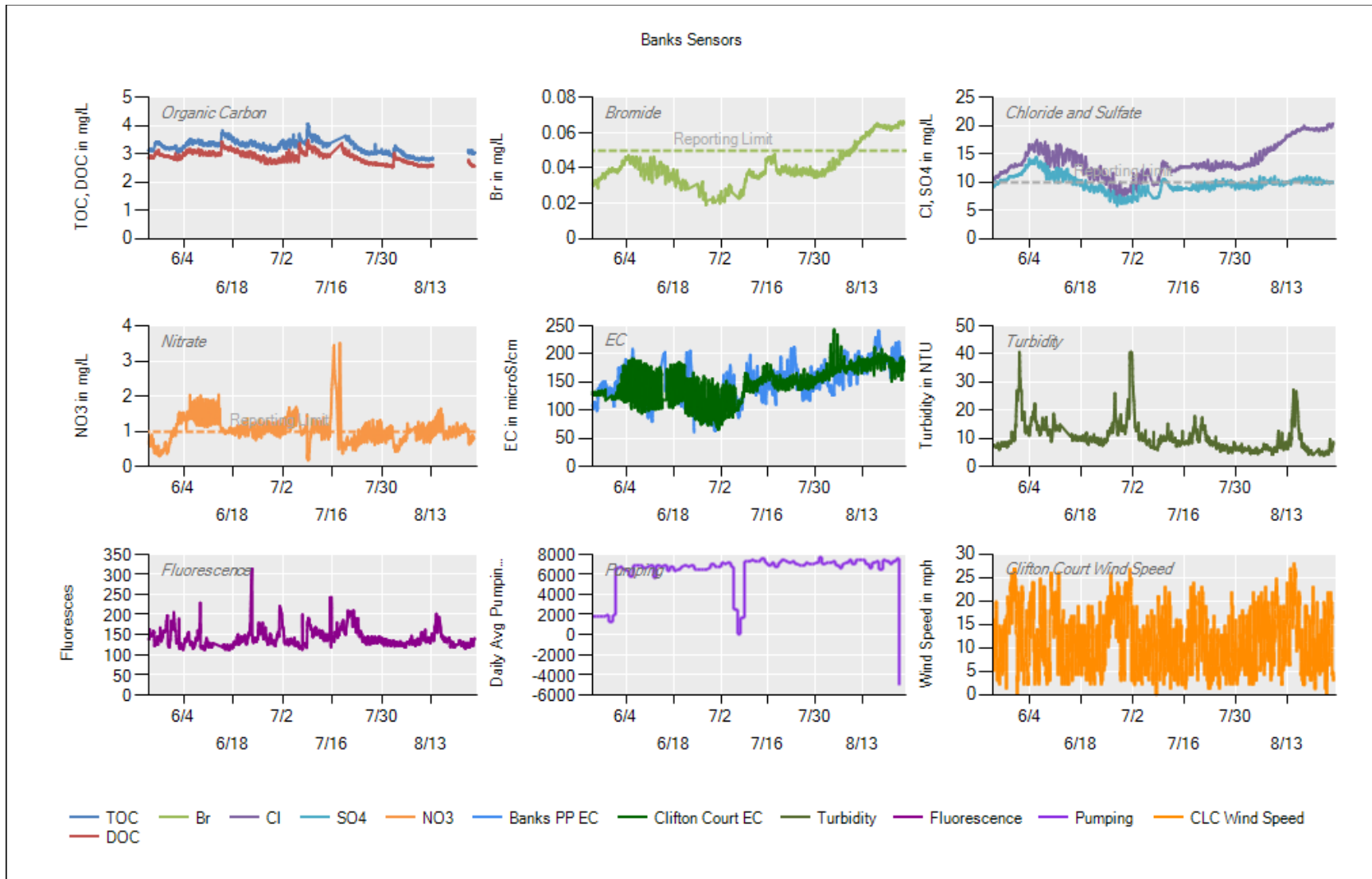


Hood Sensors



— TOC — DOC — Turbidity — Flow at Freeport — EC



Significant Events: May 25th 2017 to August 26th 2017

- **8/13 SIEVERS down:** sievers analytical component went bad, had to order a new part and replace it.

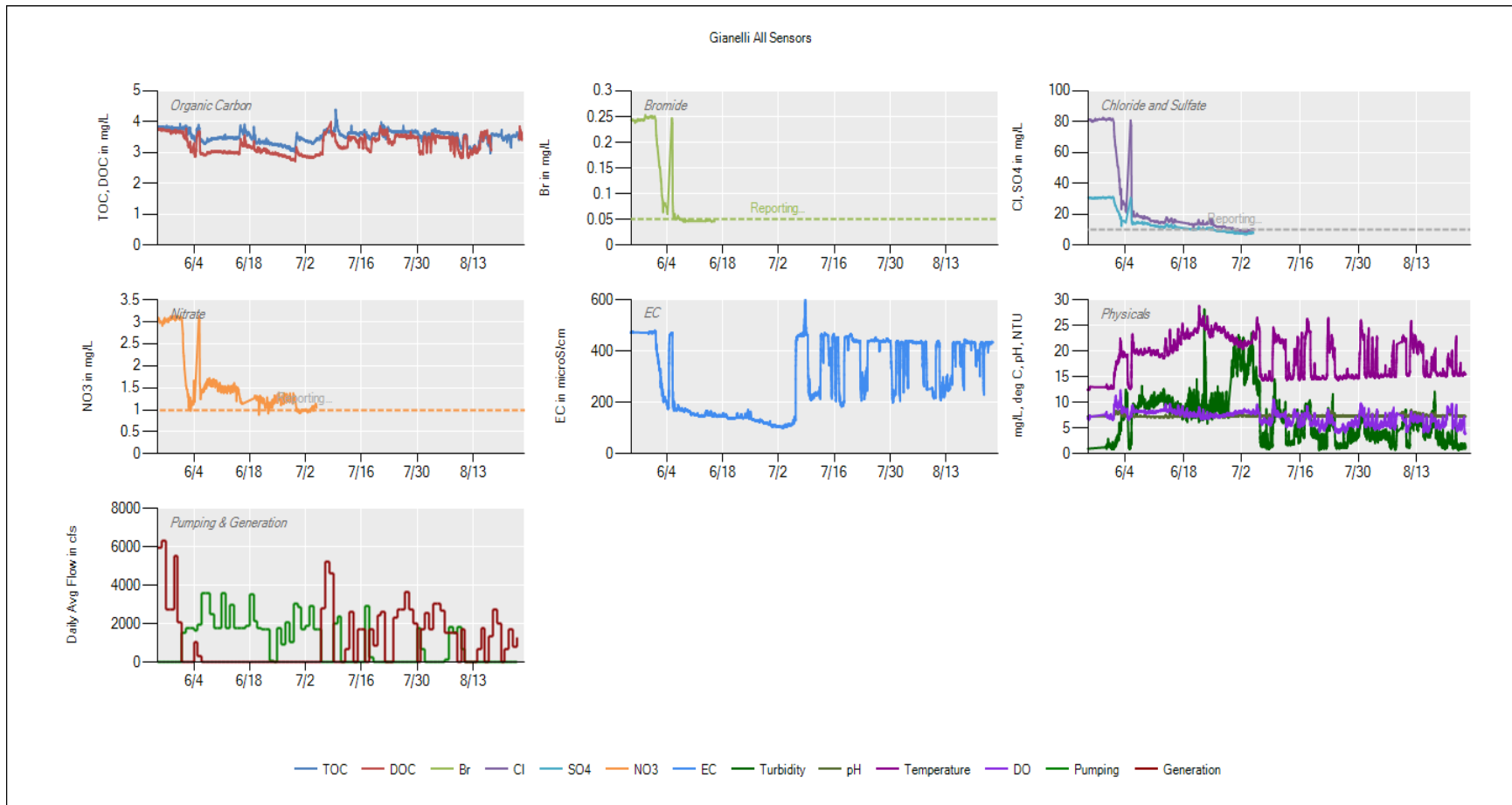


Organic carbon – Has remained relatively stable during the past three months due to high outflow. The spikes seen in DOC are due to filter changes.

Anions – Due to high outflow, tidal influences are minimal and concentrations are low.



Events: July 6 – 24 = Dionex pump motor error, "lost control". Motor replaced at no cost, under contract, by Thermo-Fisher technician.



- 6/4 and 6/5 – A short blip of generation at the Plant caused an abrupt increase in several constituents back up the levels seen earlier in the month, prior to the start of pumping operations. This reflects the difference in concentration between the reservoir and Aqueduct.
- 7/4 to present – The Dionex went down due to a computer software problem. That problem has been fixed, but while the instrument was not recording data the eluent ran out (the eluent was allowed to continue flowing to preserve the column lifespan). We are waiting on the replacement eluent cartridge.
- 6/16 to 7/4 – Bromide data was so far below the RL that the peaks didn't register on the Dionex. Meaning the water was tested but there are no reportable values to show on the graph.
- 8/17 to 8/24 – DOC valve was clogged and stopped flow for that stream

