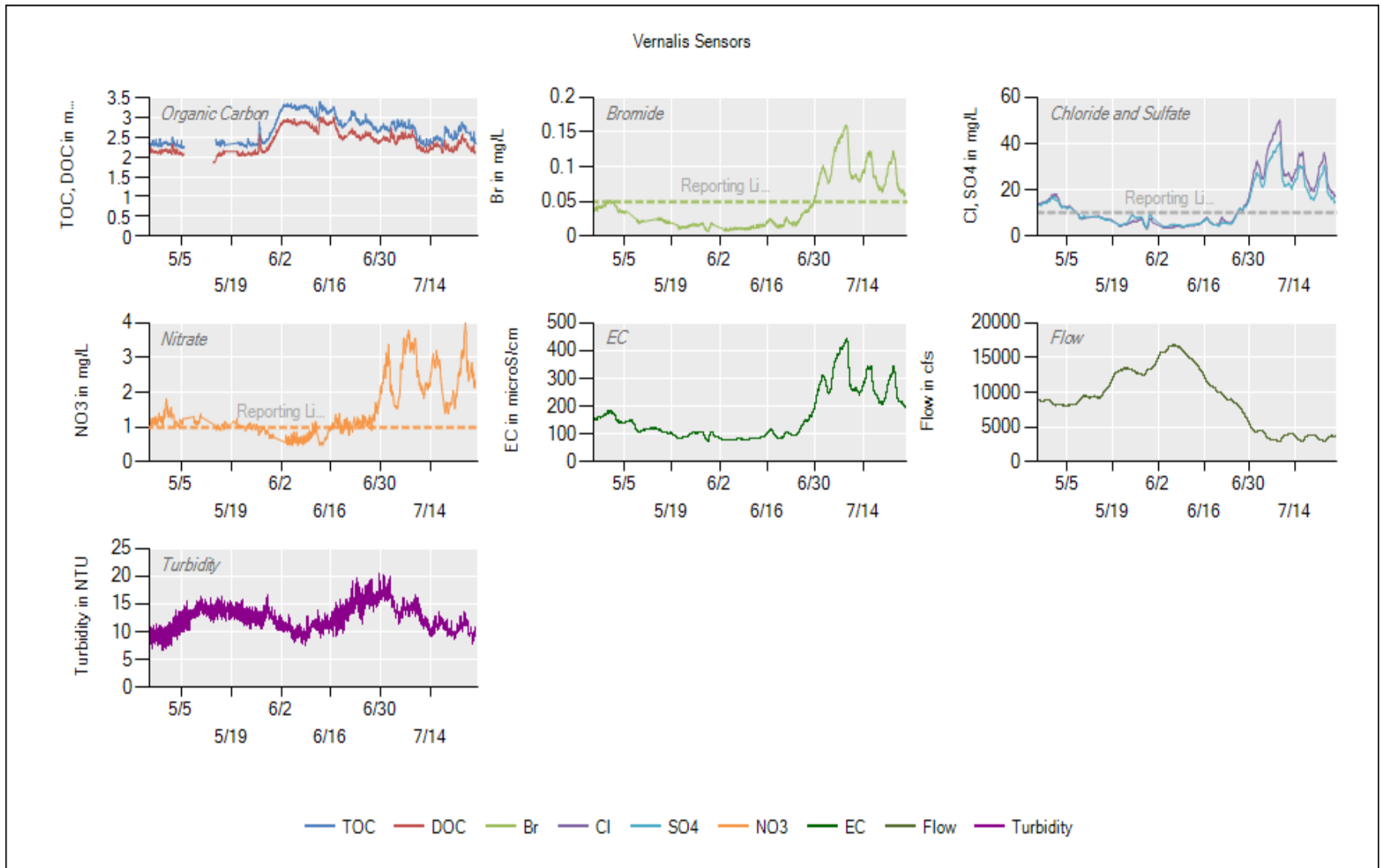
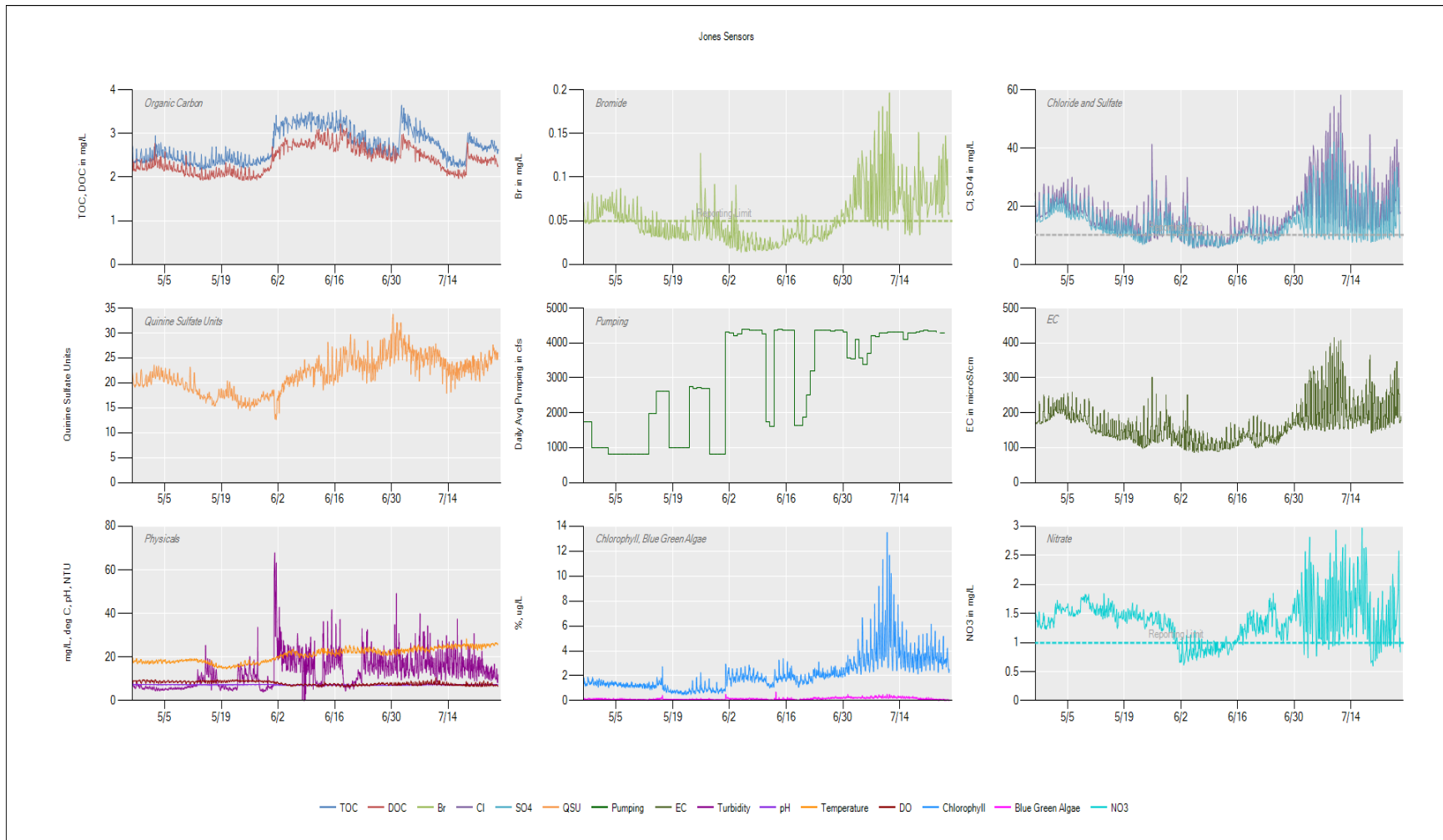


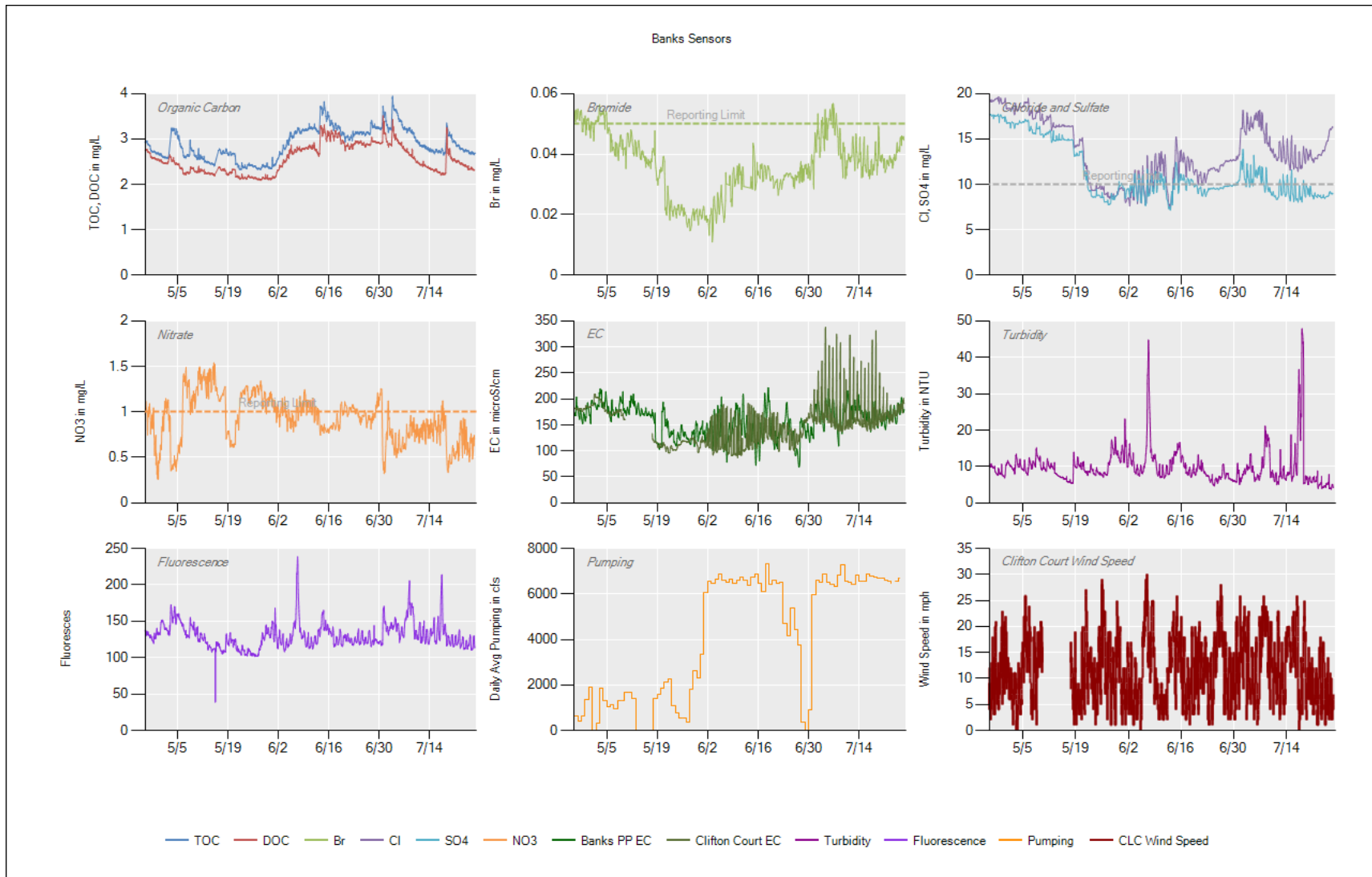
6/4 – Replaced delivery system filters 6/12 – Replaced delivery system filters 6/25 – Replaced delivery system filters 7/17 – replaced delivery system filters 7/19 - Carbon analyzer troubleshoot, replaced consumable components 7/22 – Carbon analyzer maintenance, 7/26 – Delivery system filter change



Events: Filter Changes = 5/2, 5/14, 5/23, 6/12, 7/2, & 7/17. **5/5 – 5/14:** Power/modem outage. Reset modem and downloaded OC data to be patched in later. **5/18 – 5/20:** Pump tubing kinked as river stage rose, cut off water supply to analyzers. **5/23:** Installed new 4G modem and antenna. **6/21:** Computer locked-up; Windows “low memory” error. Reboot.

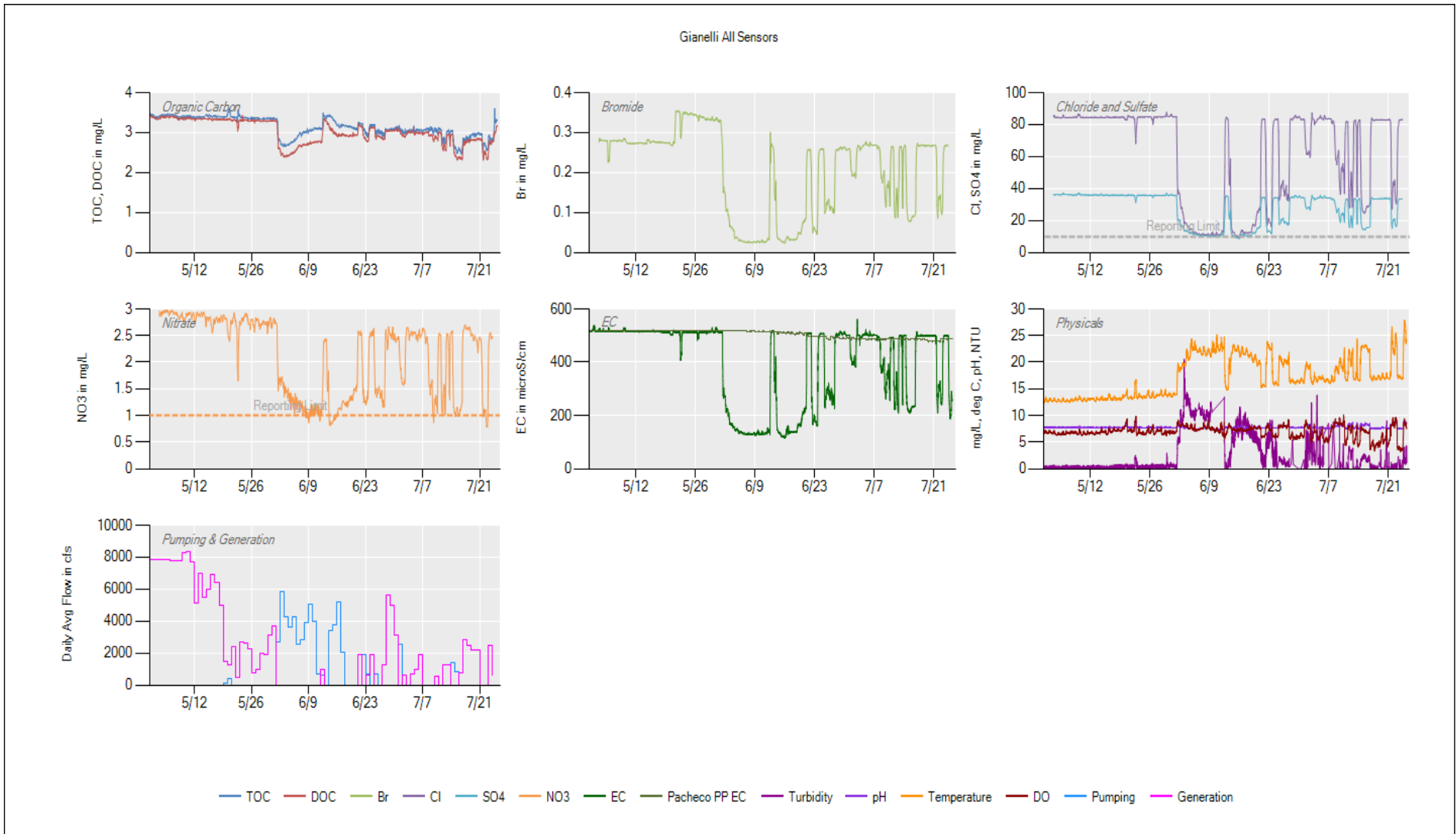


Jones has been operational and reporting since the last update. Since the beginning of June, turbidity has increased leading to over filtration of the pre-filters. This is evident after 6/2, 6/30 and 7/19 following filter changes. More frequent filter changes may be necessary during this period of high turbidity. Chlorophyll levels have increased, likely because of increased water temperature, although BGA levels have remained comparatively low. All anions concentrations have increased, as well as increased variance since the end of June which is attributed to lower Old River outflow.



Significant Events: April 26th 24th, 2019 to July 27th, 2019

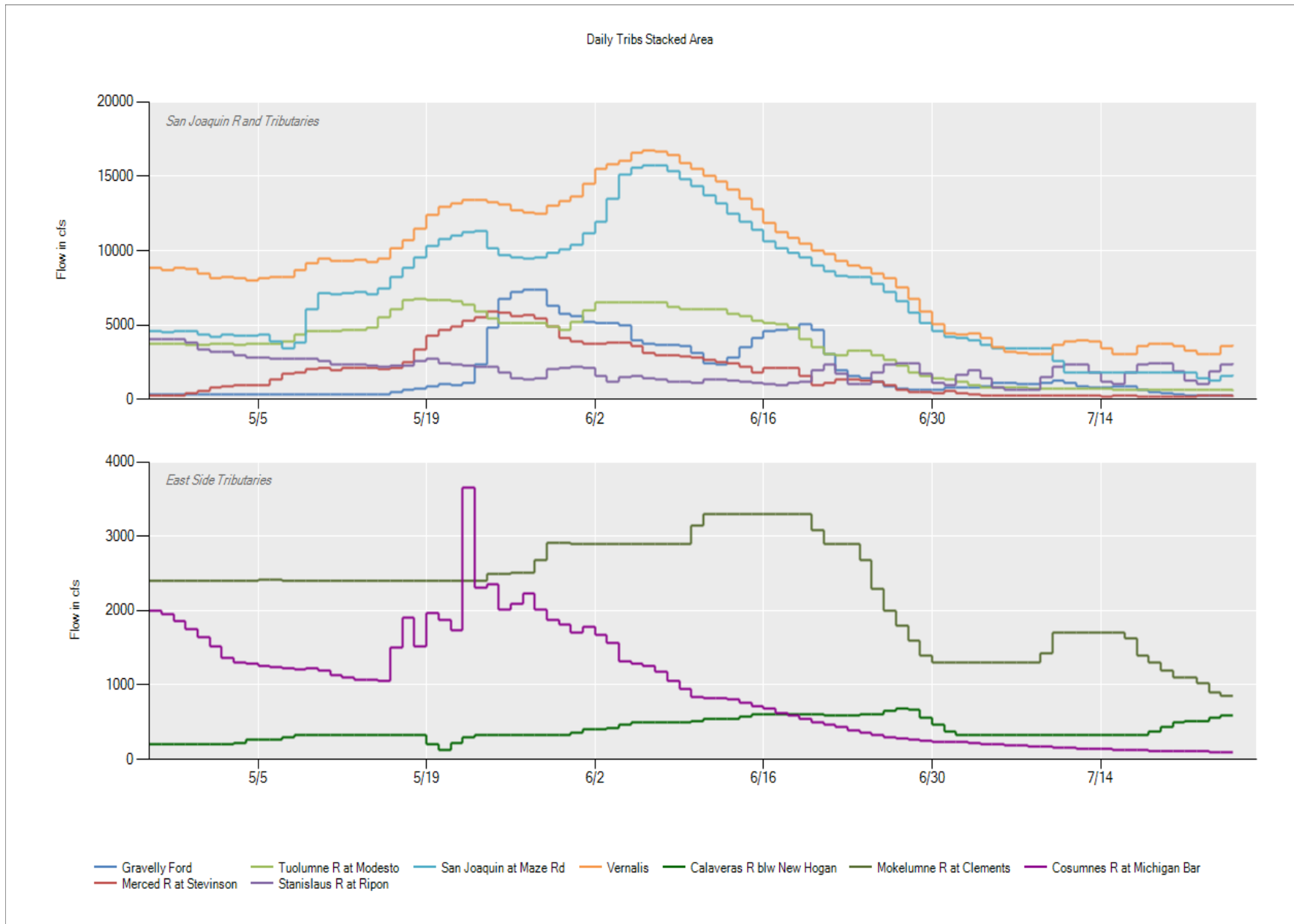
- Regular Maintenance:** Nothing to report besides regular maintenance. The YSI is installed and operational. However, the constituents for this RTDF graph are not based on the YSI installed data yet. It is only based on the O&M side station at banks.



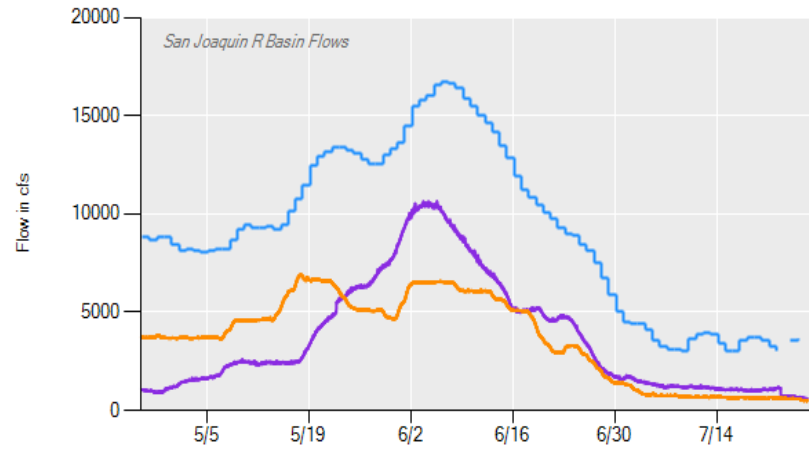
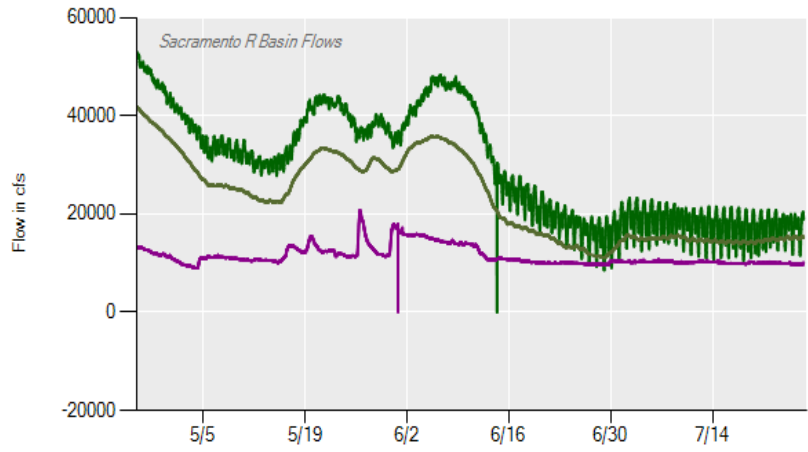
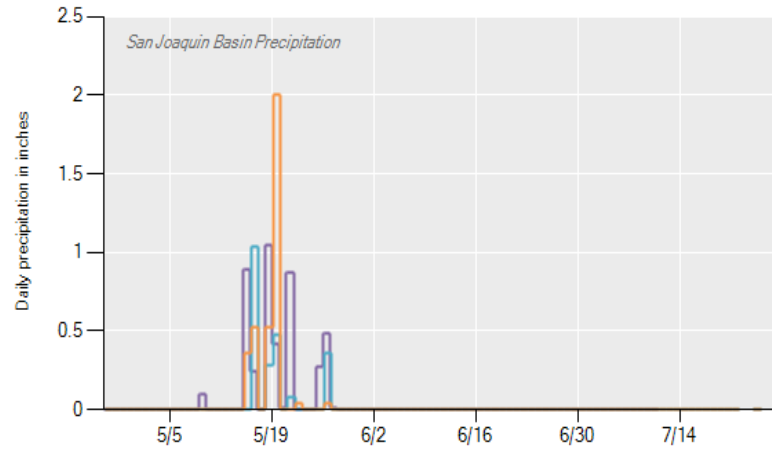
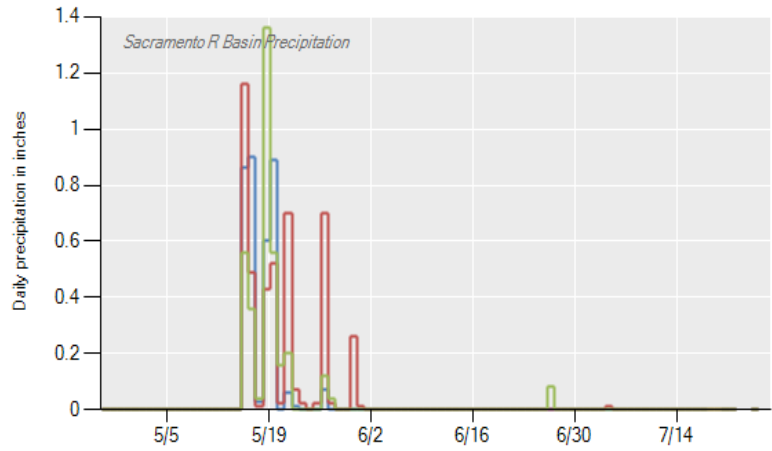
- 4/27 - 5/3 -- The Dionex analytical column was faulty and was replaced.
- 6/4 – 6/12 – Sonde was reporting questionable turbidity readings. Turbidity probe was replaced on 6/12.
- 6/28 – 7/11 – Turbidity readings were very low due to generation activity at Gianelli PP and occasionally reading negative. Probe was re-calibrated and readings returned to positive values.







Precipitation & Flow



- CSU Sacramento
- Redding Fire Station
- Friant Dam
- Sac R at Freeport
- Sac R at Vina-Woodson Br
- Tuolumne R at Modesto
- SJR R at Vernalis
- Oroville Dam
- Exchequer Dam, Merced R.
- Stockton Fire Station
- Sac R at Verona
- SJR at Crows Landing
- Stanislaus R at Ripon