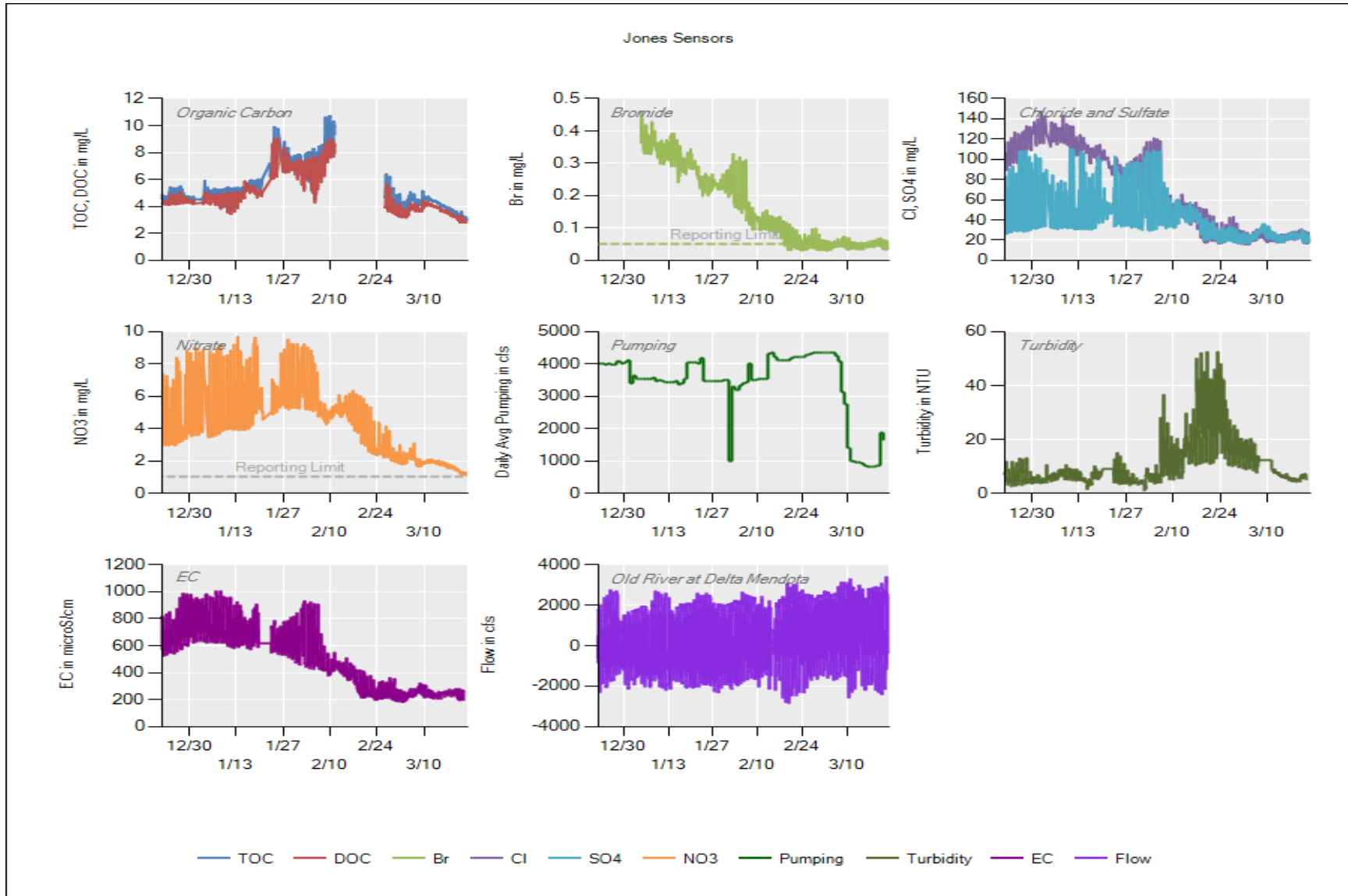


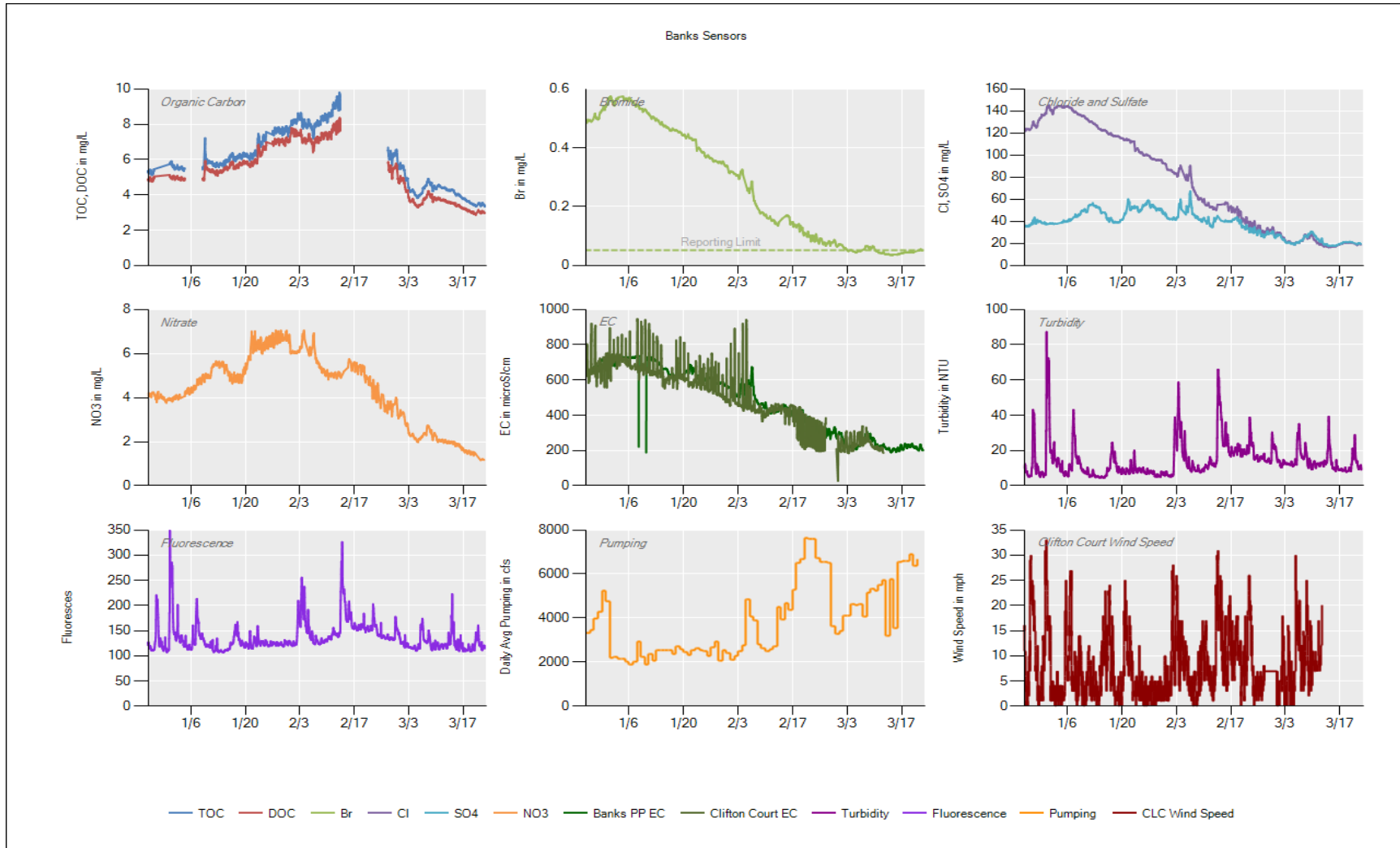
**2/5:** Replaced all delivery system filters **2/13:** Replaced all delivery system filters Analyzer removed for its annual maintenance and calibration  
**3/20:** Replaced all delivery system filters



**Events:** 2/14 – 2/22: Carbon analyzer removed for annual service. 2/17 – 2/22: Submersible pump motor failure. No water supply to station. 3/8 – 3/11: Dionex computer software “lock-up” glitch; anion instrument idle. 3/20 – 3/21: Submersible pump motor failure. Have new motor.

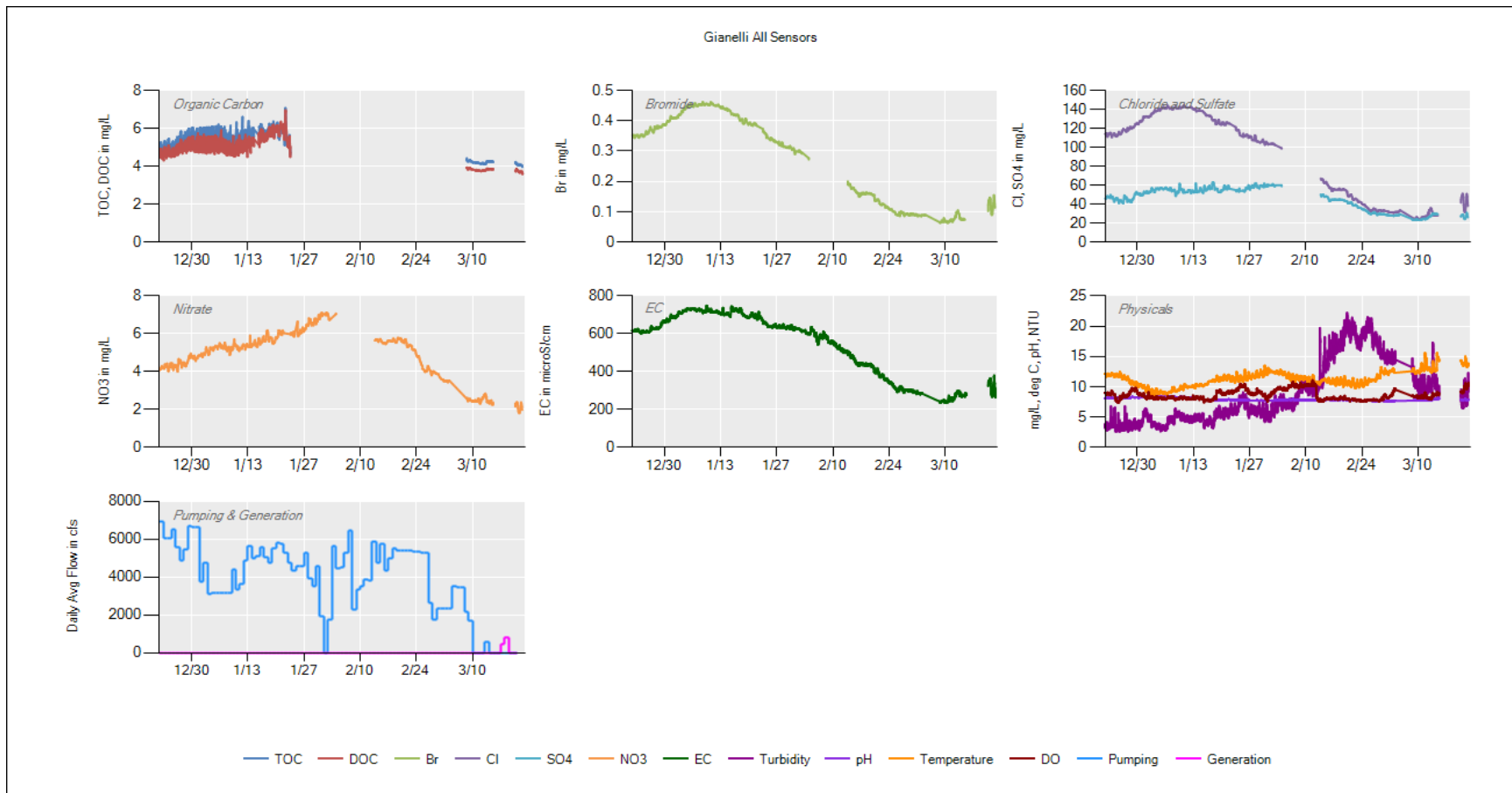


**2/8:** Replaced all filters, performed general system maintenance **2/19:** Anion analyzer troubleshoot **3/7:** Replaced all filters **3/8:** sonde fix



**Significant Events:** December 26<sup>th</sup>, 2018 to March 22<sup>th</sup>, 2019

- **1/8:** Sievers Troubleshooting, had a clog in the system and needed to be flushed.
- **2/17** Sievers Maintenance.



- 1/23 – 3/8 -- The Sievers started reported questionable OC values. Repairs were done during the annual maintenance and the instrument is functioning correctly again.
- 2/5 – 2/13 -- The Dionex was having overpressure issues and required a replacement of the guard and analytical columns.
- 3/5 – 3/8 -- The station pump went down and needed to be replaced.
- 3/15 – 3/20 -- The replacement pump went down and was replaced. The intake lines were cleared to relieve strain on the pump and the replacement was plugged into the battery backup for extra control and protection.

