

Philadelphia Water Department

Iodine-131 Watershed Characterization Program



Schuylkill Soundings

Fairmount Water Works Interpretive Center

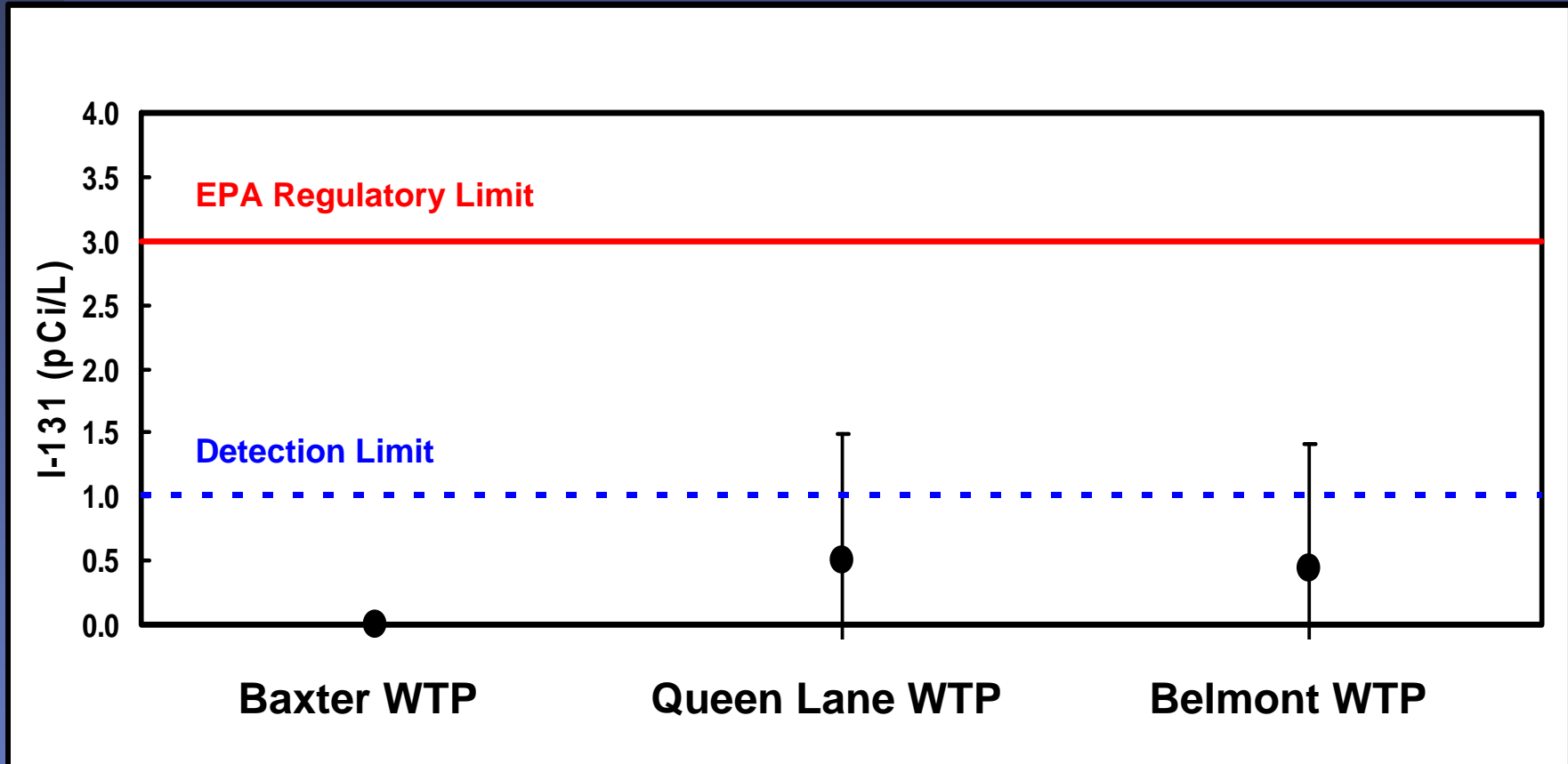
March 28, 2012

Schuylkill River Watershed



PWD Treated Drinking Water

April 2011 – February 2012



Observations

- ❑ Confirmed wastewater plant effluent as pathway for I-131; have not confirmed other pathways
- ❑ Drinking water levels are < MCL
- ❑ Episodic spikes in the Wissahickon
 - Elevated levels decrease over time
 - Spikes in the Wissahickon don't impact the DWTP intakes
- ❑ There are measurable levels in the Schuylkill, especially @ low-flow