

Straits Pond Forum

**What is Causing the Problems and
Ways to Improve the Situation**



Overview of Recent Monitoring

- ENSR flushing study – Jason Burtner
- Salinity and pond height measurements under different tide gate management – Jason Burtner
- Water quality monitoring conducted in 2002 and 2003 by SPWA and WRWA – Samantha Woods and Christian Krahforst



Overview of Recent Water Quality Monitoring

- Goals of the Sampling
- Sampling Locations



Weir River Estuary Sampling Locations

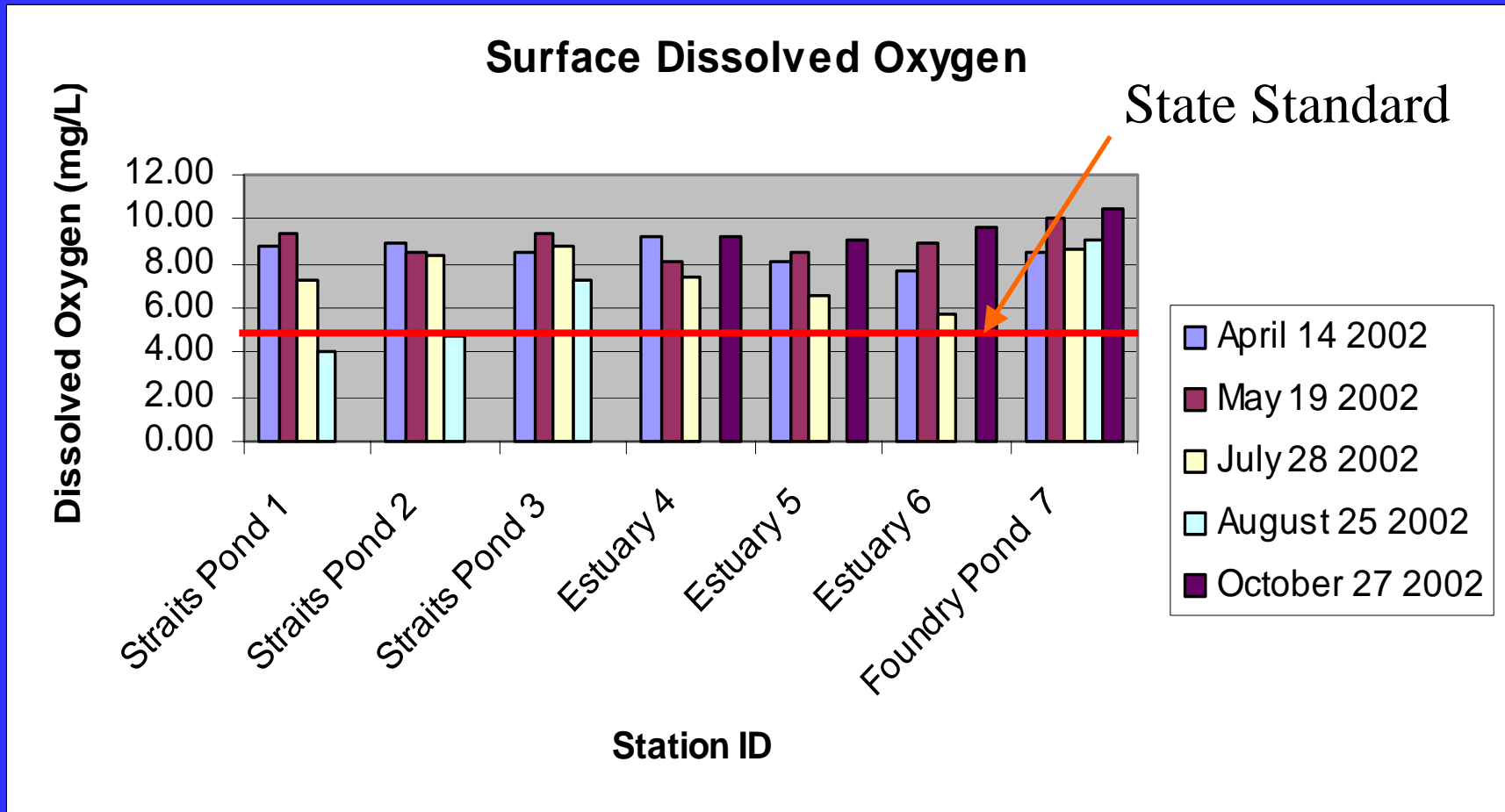


What Did We Sample For?

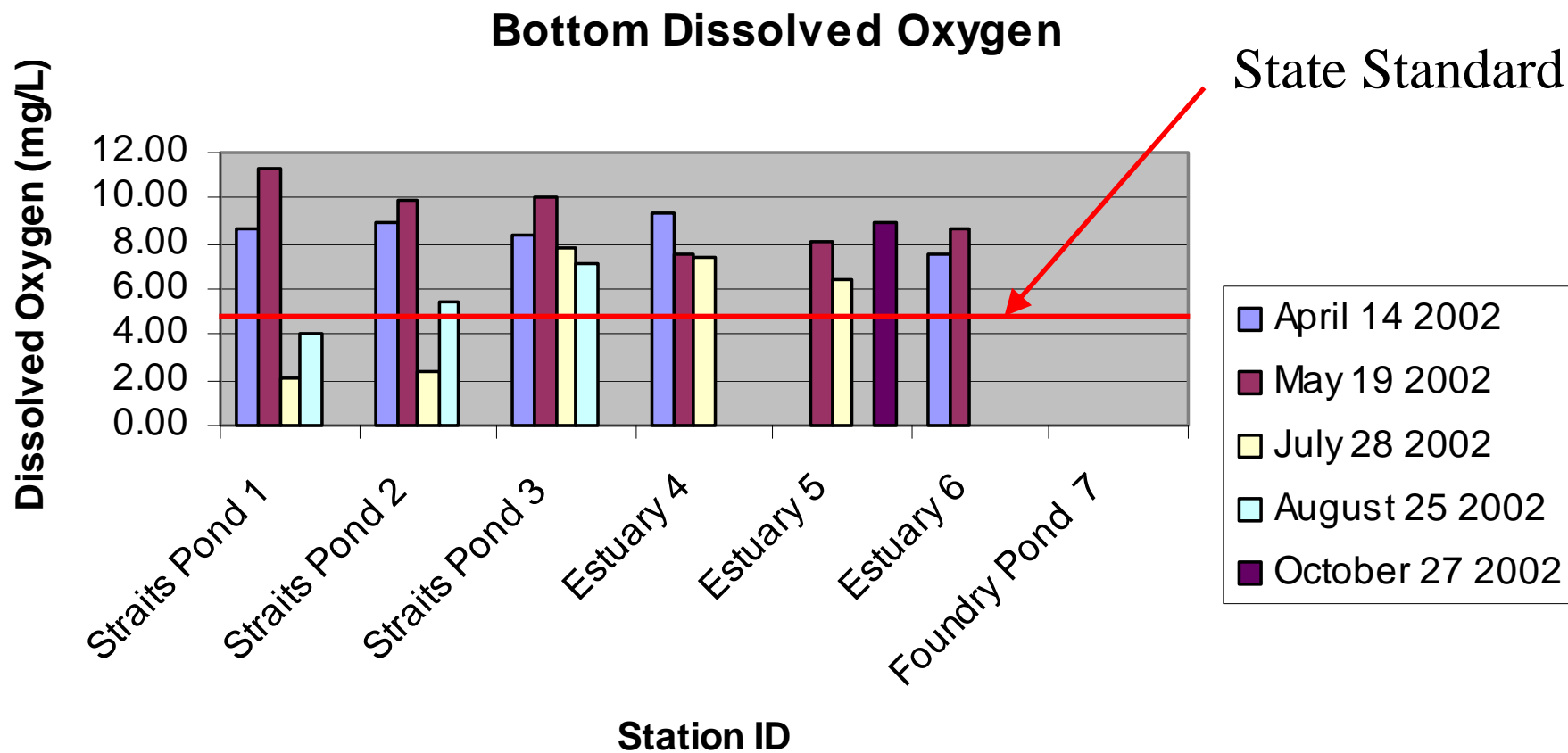
- Bacteria (2002 and 2003)
- Dissolved Oxygen
- Temperature
- Salinity
- Nutrients (nitrogen and phosphorus)



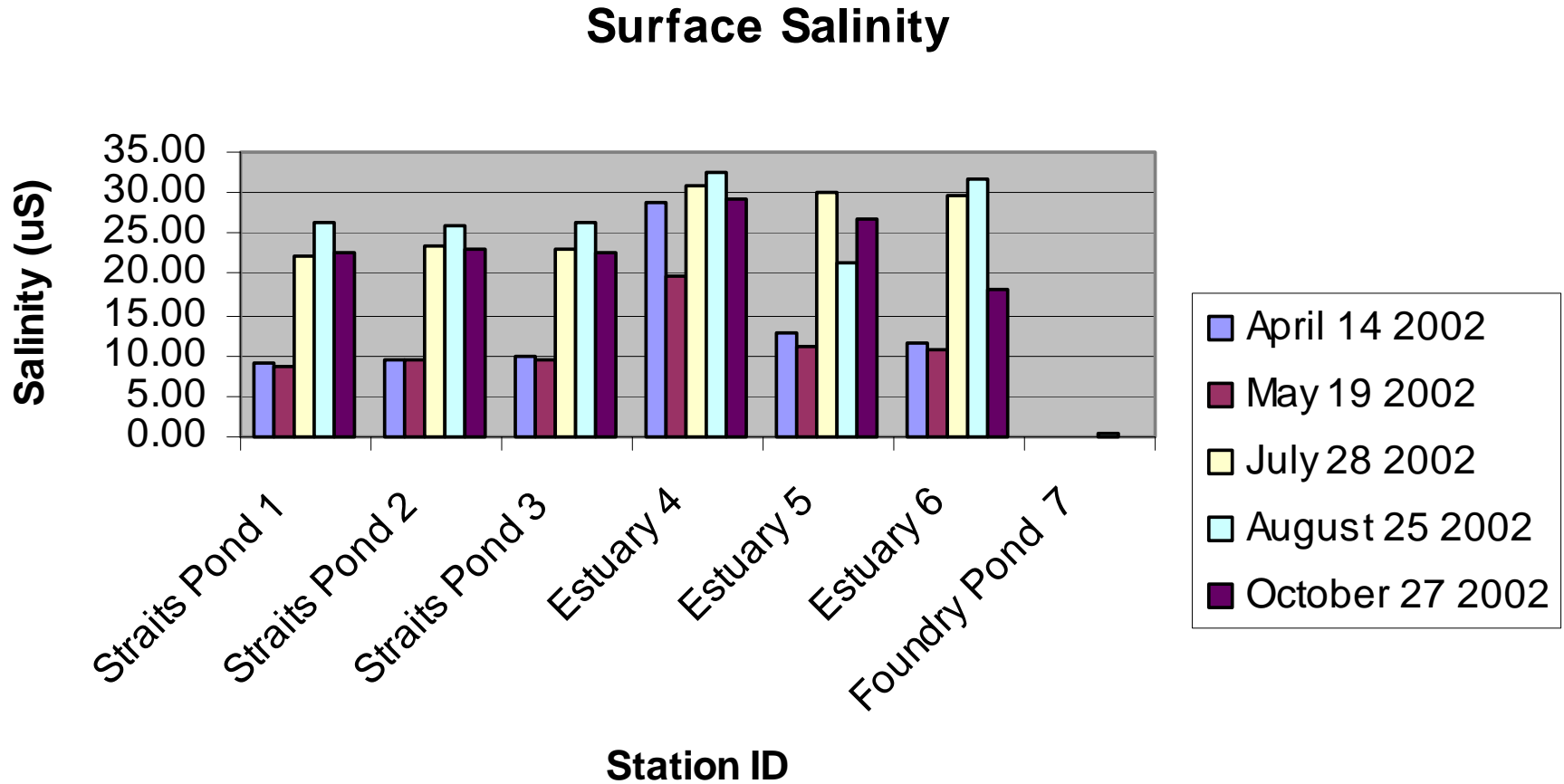
Air Quality for Fish!



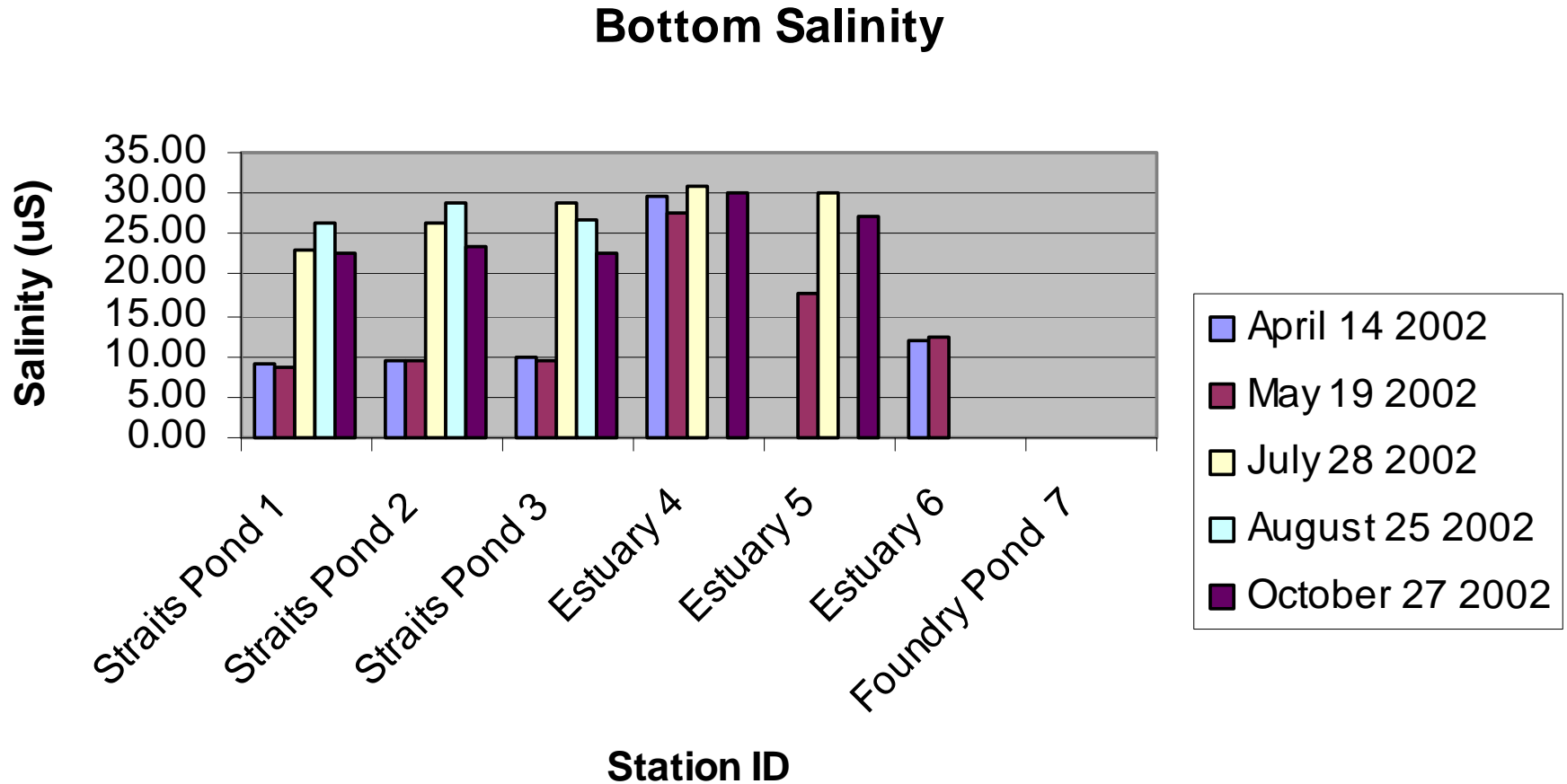
Air Quality for Clams!



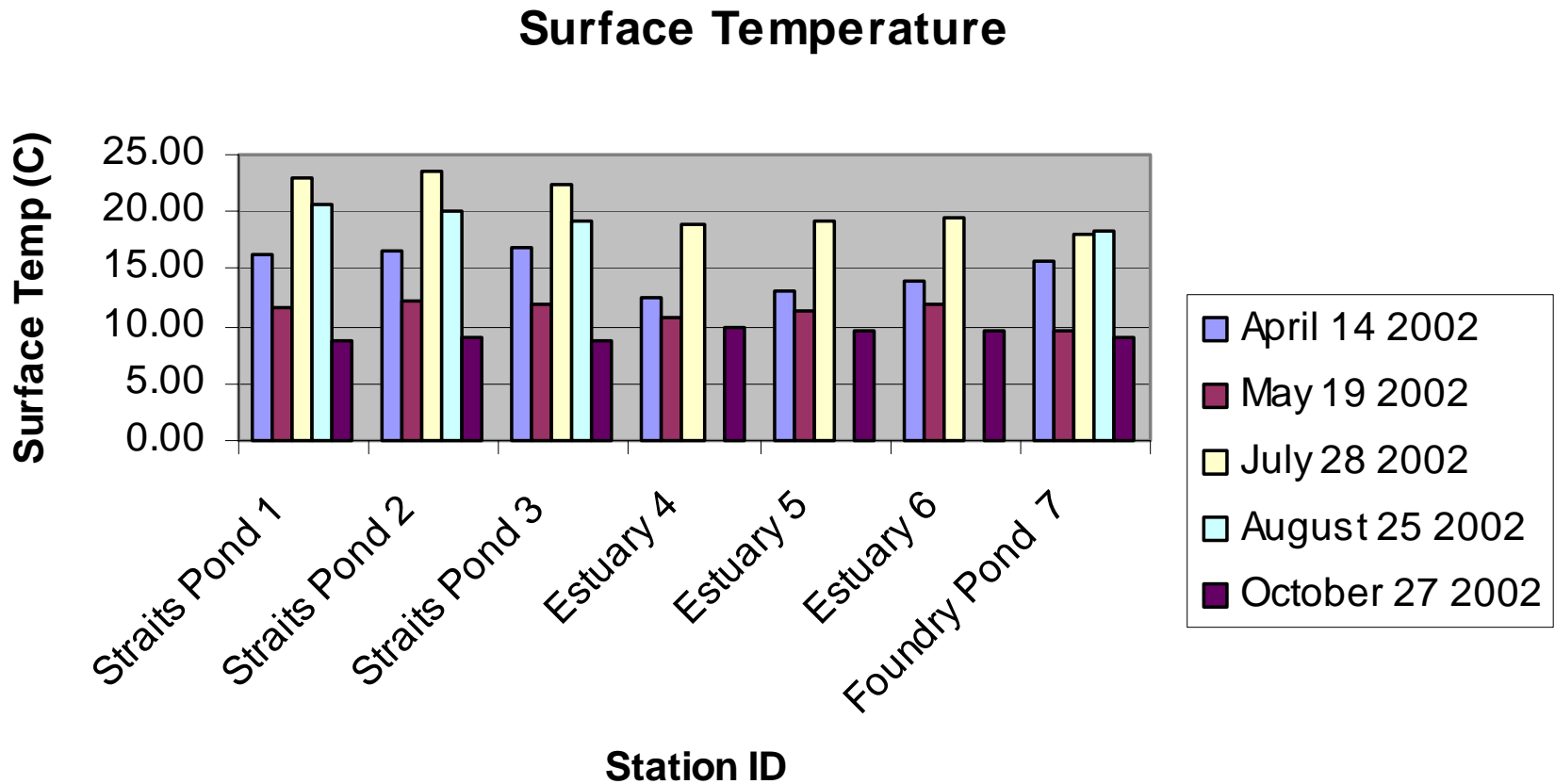
How Salty Is It on Top?



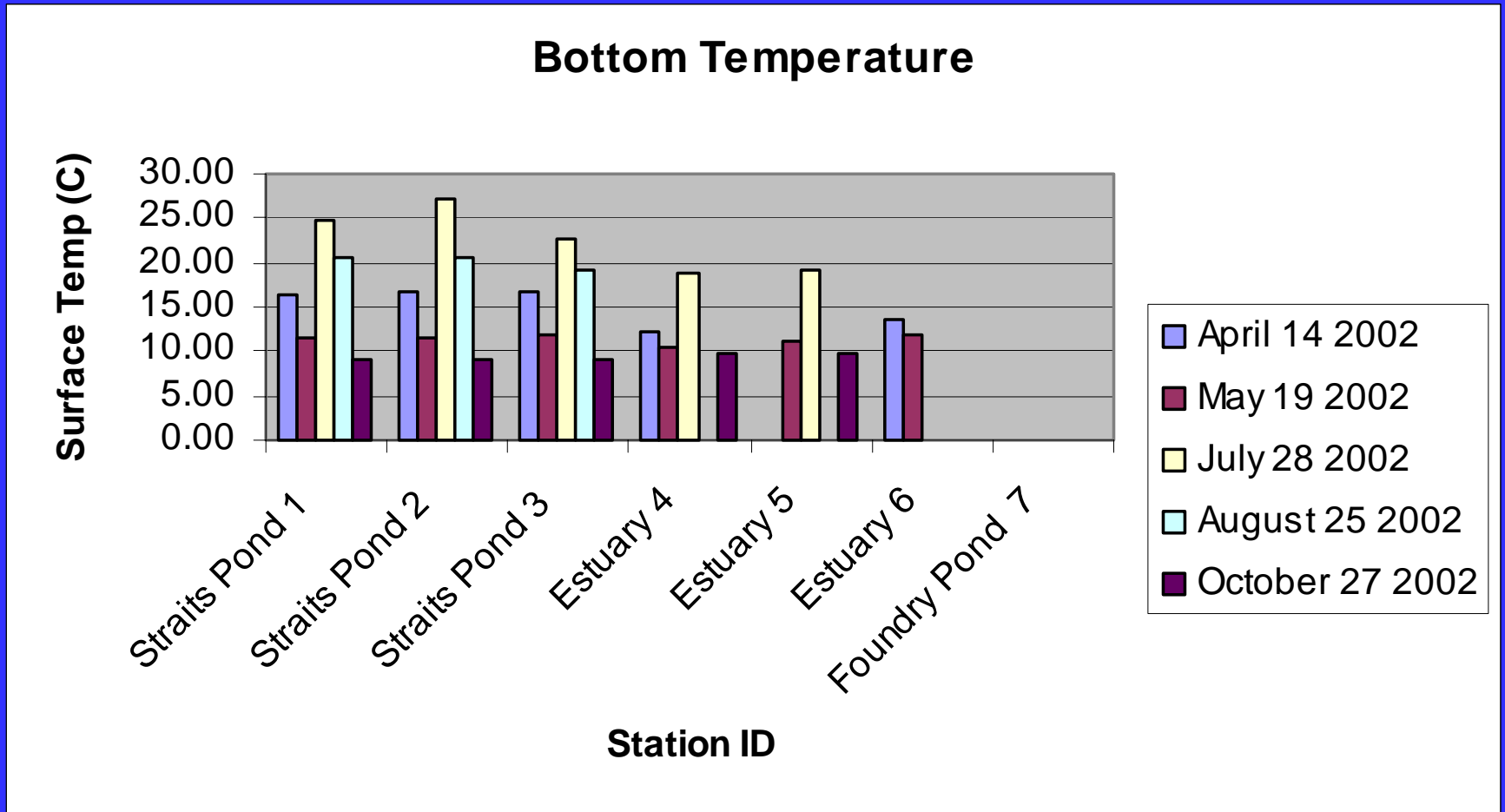
How Salty Is It on the Bottom?



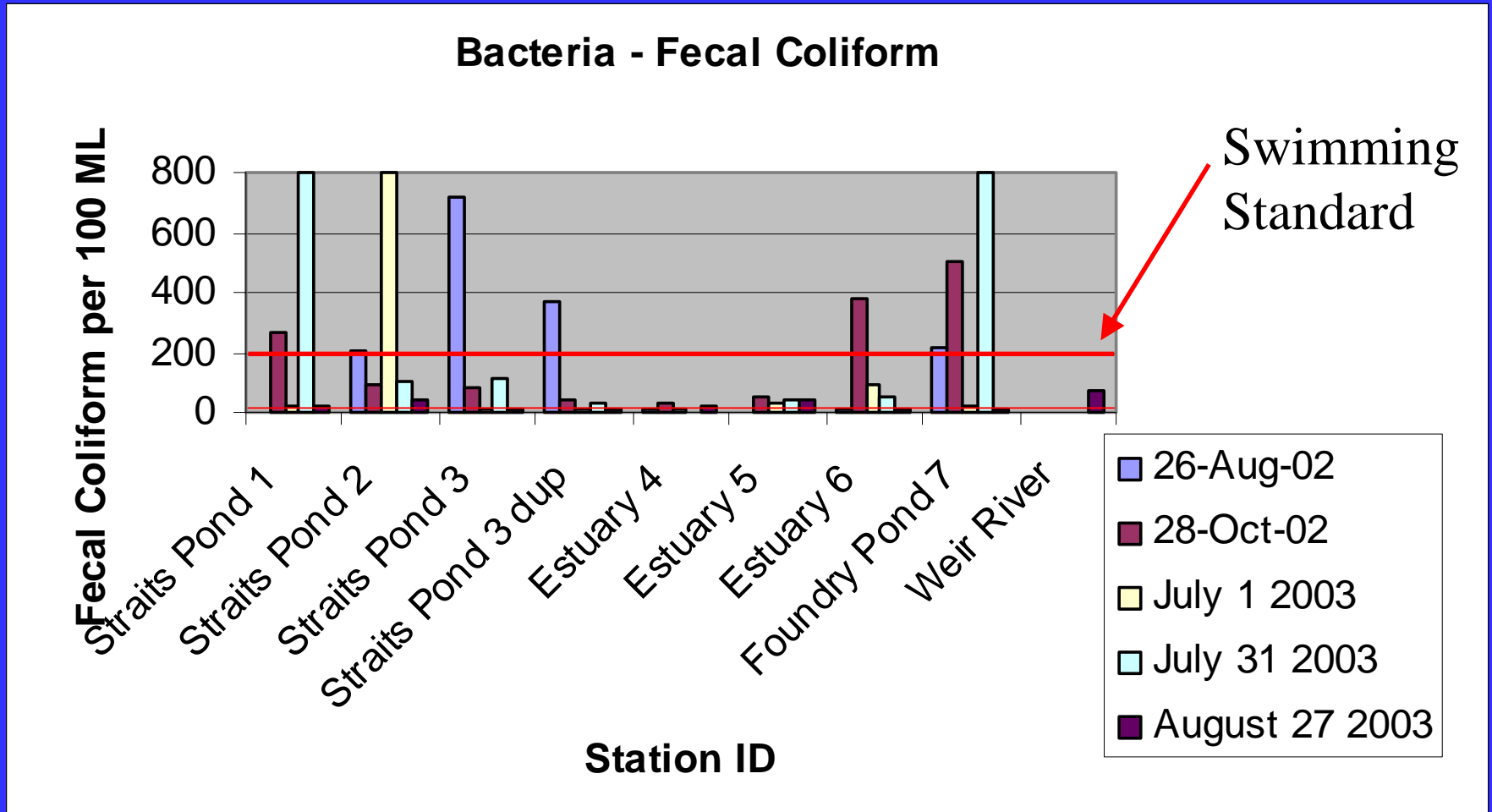
How Hot Is It On Top?



How Hot Is It On the Bottom?



Bacteria – Fecal Coliform



How Can We Improve the Situation?

- Stormwater Treatment
- Greenscaping
- Tide Gate Management



How Can We Improve the Situation?

Greenscaping

Resources:

www.weirriver.org click on Straits Pond link for info on native plants

www.nsrwa.org - click on Greenscapes program for more resources.

