

## NEW DRAFT Pulse Outline for 2015

Theme: The State of Bay Water Quality: 2015 (Companion to the State of the Estuary Report [SOTER])

Total length: ~77 pages of content

### ARTICLE IDEAS

**Article: Management Overview Article - 6 pages Author Options:** 1) Mumley, et al.  
2) One of Ariel's writers does interviews and writes

- Topics
  - Progress since last SOTE report
  - Priorities for the next few years
  - Management Update Sidebars
    - xx
    - The 303(d) List: 1 page
    - Regulatory Status of Pollutants of Concern: 1 page
    - Success stories: copper, DDT, cyanide, etc. - one per edition (make it an article?)

**Article: Summary of Bay Water Quality - 6 pages Authors:** Davis et al.

- Platform for elaboration on SOTE Report, with a Bay focus
- Topics
  - Progress since last SOTE report
  - Information gathering priorities for the next few years
  - General discussion of certain topics
    - The many priority pollutants that meet objectives
    - Any pollutants worth mentioning that aren't profiled below
  - Sidebars
    - Climate change and sea level rise?

**Another Option: Bay Water Quality in 2065 - 6 pages Authors:** Davis et al.

- Tie-in
- Topics
  - Sea level rise implications
  - Acidification
  - Forecasts for priority contaminants

## UPDATES ON PRIORITY CONTAMINANTS (focus on new information since last SOTER)

Introduction: 1 page - Davis

1. Mercury: 4 pages - Davis - Mercury synthesis, Forum, restoration monitoring
2. PCBs: 6 pages - Davis - PCB synthesis
3. Nutrients: 6-8 pages - Senn et al. - nutrient conceptual model - tie-in with SOTER sidebar
4. Selenium: 4 pages - Davis - include bird eggs
5. Toxicity: 6 pages - Davis - tie-in with SOTER
6. CECs (include ones with new information)
  - Current Use Pesticides - 2-4 pages - Sutton - tie-in with SOTER sidebar
    - Fipronil - Kelly's SETAC poster - Ellen's synthesis paper
  - PFOS - 2 pages - Meg's synthesis paper
  - Any others?
7. Copper: 2 pages - xx
8. Exotic Species: 2 pages - xx
9. Trash: 2 pages - xx
10. PAHs: 4 pages - xx
11. Pathogens: 2 pages - xx - Beach monitoring data
12. Dioxins: 2 pages - xx - may delete (no new data)
13. Legacy Pesticides: 2 pages - xx - may delete (no new data)

### General Outline for Each Profile

1. Summary (new addition)
2. What we've learned in the last two years
3. Display of the State of the Estuary indicator
4. Infographic update on impairment
5. Infographic update on spatial and temporal patterns in sediment and/or water
6. Infographic update on sources, pathways, and loadings - including current loading estimates
7. Infographic update on important new findings
8. Where we're heading with management and monitoring

### Notes from 2014 Update feedback and other

- reconsider trend graph groupings
- Consider Selenium in sturgeon and bird eggs
- Look at including SPOT data and watershed info (Mike C 12/1) - look at mapping them

## Photos

- Swim Across America Oct 2013

## Budget for 2015 Pulse Report

Line Item	Original Budget	Revised Budget	Comments
Labor	\$110,000	\$95,000	Assuming 100 hours for Lead Scientist, 230 hours for technical staff/Program Mgr/ED, 60 hours for data mgmt/GIS staff, 500 hours for design staff, 20 hours for web staff.
Office Supplies	\$500	\$0	\$653 in office supply costs in 2013
Printing	\$40,000	\$20,000	2013 Pulse print run cost \$35,250 for 3000 copies. 2014 RMP Update print run was \$17,850 for 1200 copies.
Consultants	\$15,000	\$10,000	Subcontracts for writing and editing.
<b>Total</b>	<b>\$165,500</b>	<b>\$125,000</b>	2013 Pulse cost \$189,000. 2014 RMP Update cost \$83k.