

2008 PULSE OUTLINE IDEAS

Theme for the 2008 Pulse: Mercury

0. **Cover- Front and Back**
Inside Front Cover- url
Inside Back Cover-url
1. **Title Page Page 2**
Summary of this Edition – Page 2 (Jay Davis)
Table of Contents – Page 3
2. **(NEW ITEM) Introduction to the RMP – 2 page spread**
 - RMP goals
 - Description of consortium
3. **??(NEW ITEM) Water Quality Summary – 6 - 8 page spread**
 - Update of tables from Davis article in 2007 Pulse, small amount of text
 - OR wait to include this until something changes
4. **Management Update**
 - 4.1. Dredging and the Clean Water Act: Ellen Johnck et al. – carryover from last year
 - 4.2. Beneficial Uses of the Bay: Shellfish Harvesting – Meredith
 - 4.3. RMP Planning: The RMP Mercury Strategy – Jay
 - 4.4. SIDEBARS
 - A) Navigation Beneficial Use (with dredging article)
 - B) The 303(d) List
 - C) TMDL Project Status

5. Status and Trends Update**5.1 The Latest Monitoring Results-sub sec 1**

- 5.1.1 Mercury
 - D) Methylmercury in water
 - E) Methylmercury in sediment
 - F) Total mercury in sediment
 - G) SBSP Monitoring
- 5.1.2 PCBs
 - A) PCBs in sediment
- 5.1.3 PBDEs
 - A) PBDEs in water
 - B) PBDEs in sediment
 - C) PBDE 209 in sediment
- 5.1.4 Selenium
 - A) Selenium in water
- 5.1.5 PAHs
 - A) PAHs in sediment
- 5.1.6 Copper
 - A) Copper in water
- 5.1.7 Pesticides
 - A) Diazinon declines in Bay water, chlorpyrifos
 - B) Irgarol Yelena Sapozhnikova 11/20/07
- 5.1.8 Toxicity
 - A) Toxicity in tributaries
- 5.1.9 Bacteria
 - A) Spatial patterns in contamination in the Bay?
- 5.1.10 Fisheries
 - A) Pelagic Organism Decline
 - B) Birds
 - C) Mammals
- 5.1.11 Bay Features
 - A) XX?

3.2 Water Quality Trends at a Glance sub sec 2 (Two per page)

- 3.2.1. Mercury in sport fish
- 3.2.2. PCBs in sport fish
- 3.2.3. Total mercury in sediment
- 3.2.4. Percent toxic sediment samples
- 3.2.5. Annual rainfall in the Bay Area
- 3.2.6. Guadalupe River Flow
- 3.2.7. Mercury loads from the Guadalupe River
- 3.2.8. Mercury loads from the Delta
- 3.2.9. Bay Area population
- 3.2.10. In-Bay disposal of dredged material
- 3.2.11. Restored wetland opened to tidal action
- 3.2.12. Chlorophyll in the Bay (from Cloern)

4. Feature Articles

- 4.1.1. Effects of Mercury on Bay Birds – Ackerman et al.
- 4.1.2. Mercury in Biosentinel Fish in the North Bay – Slotton
- 4.1.3. Advances in Understanding of Pollutant Loads to the Bay – McKee
- 4.1.4. SIDEBARS
 - 4.1.4.1. RMP Biosentinel Fish Work (with Slotton article)
 - 4.1.4.2. Oil Spill (with McKee article)
 - 4.1.4.3. Richardson Bay sewage overflow?
 - 4.1.4.4. Trash update?
 - 4.1.4.5. Comparison with Park Service study?

5. Miscellaneous

- References - 2 pages
- Committee Members and RMP Participants – 1 page
- RMP Contractors?
- Credits and Acknowledgements
- Photo credits/printing info
- RMP Resources – Guide to RMP Products – list of resources and possibly take-home messages – Letitia 3/21/07
- Glossary

SCHEDULE

| STEP | DUE DATE | Time Allotted (weeks) |
|--|----------|-----------------------|
| First Draft of Articles to Jay | May 5 | 9 |
| Jay and Mike comments to authors | May 12 | 1 |
| Revised Draft Out for Review to TRC, SC, etc. | May 19 | 1 |
| Review Comments Due | Jun 9 | 3 |
| Text and Graphics to Linda for Layout | Jun 16 | 1 |
| Internal Review of Laid-out Version (+ select individuals) | Jul 21 | 5 |
| Internal Review comments due | Jul 28 | 1 |
| Final Review of Laid-Out Version by TRC and SC | Aug 4 | 1 |
| TRC and SC comments due | Aug 11 | 1 |
| Sent to Printer | Aug 18 | 1 |
| Pulses in Hand | Sep 8 | 3 |
| Annual Meeting | Sept 30 | 3 week buffer |
| | | |

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| BASMAA constituents | ?? |
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| Industrial constituents | ?? |
| USEPA constituents | ?? |
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