

2008 PULSE OUTLINE IDEAS

At the December meeting, the TRC suggested the following options for the Steering Committee to consider.

1. An introduction to the RMP, followed by articles contributed by each stakeholder group (i.e., BACWA, BASMAA, etc.)
2. Articles connected by a theme

Options under these two possibilities, along with other article ideas, are presented below.

Possible Themes for the 2008 Pulse

- Climate Change
- Wetland Restoration
- Mercury
 - Possible management articles: POTW
- Loading
 - MRP
 - Stormwater
 - Lester's Prop 13 Project
 - Sources
 - Effectiveness
- PAHs
 - Diesel emission controls in Ports
 - The Oil Spill
 - Atmospheric Inputs
- Focus on a specific pathway (e.g., POTWs or stormwater)
- Focus on another pollutant

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

Possible Articles

- 2.1. Stakeholder Articles as mentioned above
 - Possibility: What's new for each sector of the RMP (e.g., new policies).
Examples:
 - MRP
 - Stream Protection Policy
 - SQOs
- 2.2. Dredging and the Clean Water Act: Ellen Johnck et al. – carryover from last year
- 2.3. The MRP
- 2.4. The Oil Spill
- 2.5. PCB TMDL
- 2.6. SQOs
- 2.7. Personal Choices and Water Quality
- 2.8. Wetland Restoration
- 2.9. Aging infrastructure of POTWs
- 2.10. Costs and Benefits of the RMP. After 10 years of monitoring, how much did we spend and in what areas, and what were the greatest benefits?
- 2.11. Innovative management approaches. What are some of the most innovative management approaches, what have we learned, and how can we apply these approaches to future challenges.
- 2.12. Discussion of case studies where mitigation has helped and where the RMP was involved as part of the effort
- 2.13. SIDEBARS
 - A) The 303(d) List
 - B) Update on Trash

3. Status and Trends Update**3.1 The Latest Monitoring Results-sub sec 1**

- 3.1.1 Mercury
 - C) Methylmercury in water
 - D) Methylmercury in sediment
 - E) Total mercury in sediment
 - F) Small fish monitoring
 - G) Mercury in terns – higher Hg in failed eggs – Eagles-Smith and Ackerman
- 3.1.2 PCBs
 - A) PCBs in sediment
- 3.1.3 PBDEs
 - A) PBDEs in water
 - B) PBDEs in sediment
 - C) PBDE 209 in sediment
- 3.1.4 Selenium
 - A) Selenium in water
- 3.1.5 PAHs
 - A) PAHs in sediment
- 3.1.6 Copper
 - A) Copper in water
- 3.1.7 Pesticides
 - A) Irgarol Yelena Sapozhnikova 11/20/07
- 3.1.8 Toxicity
 - A) Toxicity in tributaries
- 3.1.9 Bacteria
 - A) Spatial patterns in contamination in the Bay?
- 3.1.10 Fisheries
 - A) Pelagic Organism Decline
 - B) Birds
 - C) Mammals
- 3.1.11 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. Possible Feature Articles

- 4.1.1. Oil spill
- 4.1.2. Effects of Mercury on Bay Birds – Ackerman et al.
- 4.1.3. WERF Mercury Study
- 4.1.4. Mercury Studies by Mark Marvin-diPasquale
- 4.1.5. Water Quality Implications of Global Warming
- 4.1.6. Loading Estimate Overview, Stormwater focus

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

DISTRIBUTION PLAN

GROUP	# COPIES
RMP Participants and Annual Meeting Attendees	300
Water Board constituents	50?
BACWA constituents	200?
BASMAA constituents	??
Dredgers, ports, Army Corps constituents	??
Industrial constituents	??
USEPA constituents	??
SFEI staff and Board	50
RMP collaborators (workgroup members, contractors)	50
Distribution at meetings	100
Distribution at conferences	200
Universities, schools	100
Public requests	100