

## APEC – ADVISORY PANEL ON EMERGING CONTAMINANTS

Friday, September 27, 2013 - Meeting # 04

SCHEDULED TIME: 10:00am (AZ Time)

VENUE: Arizona Dept of Health Services; State Laboratory, Phoenix, AZ

Panel Members:					
Morteza Abbaszadegan		Pejman Eshragih	X	Christopher Jensen	
Leif Abrell	ph	Steve Figgins	X	John Kmiec	X
Steve Baker	X	Michael Fink		Laura McCasland	X
Jennifer Botsford	X	Robert Fromm		Jamie McCullough	X
Cindy Garcia	x	Doyle Wilson	X	Sara Presler	
Kelly Bright	x	Chuck Gerba		Jeff Prevatt	X
Al Brown		Randy Gottler	X	Dennis Price	
Mark Brusseau		Brad Hill	X	Cathy Propper	
Alissa Coes		Chris Hill		Dan Quintanar	X
Nick Paretti		Kiril Hristovski		Channah Rock	
Patrick Cunningham	x	Anupa Jain	X	Shane Snyder	X
Ron Eisele II		Myra Jefferson		Joli Weiss	X

Panel Staff					
Henry Darwin		John Calkins	x	Molly Mullins	x
Mike Fulton	x	Mason Bolitho		Deborah Huie	
Chuck Graf	x	Julie Hoskin	x		

### Agenda:

1. Welcome and Introductions
2. Presentation
  - a. Interim report of the Flagstaff City Manager's Compounds of Emerging Concern Advisory Panel
3. Presentation
  - a. SCAPR Update
4. Presentation
  - a. WRF project, "Evaluation of Current and Alternative Strategies for Managing CECs in Water"
5. Committee Reports:
  - a. Chemical ECs – Jeff Prevatt
  - b. Microbial ECs – John Kmiec
  - c. Outreach/Education – Dan Quintanar
6. Going Forward: Finishing the Committee Reports
7. Other Business
8. Next Meeting
9. Adjourn

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- 1) **Welcome and Introductions**
  - a. Mike Fulton
    - i) Welcome and many thanks to ADHS for hosting our fourth meeting
    - ii) Introductions made by going around the room
- 2) **Presentation by Brad Hill**
  - a. PowerPoint presentation on the interim report prepared by Flagstaff Compounds of Emerging Concern Advisory Panel
  - b. Discussion and questions
    - i) Outreach is important part of their plan
    - ii) Suggestion to broaden the focus beyond human health, to animals and environment
    - iii) Cost prohibits a “jump to the end” method of simply treating water for everything
- 3) **Presentation by John Kmiec**
  - a. PowerPoint presentation on SCAPR (Steering Committee on AZ Potable Reuse)
  - b. Discussion and questions
    - i) DPR is current reality in parts of US
    - ii) CA tends to prescribe rigid treatments, TX tends to focus on outcome (clean drinking water), AZ is looking at something in the middle
- 4) **Presentation by Dr. Shane Snyder**
  - a. PowerPoint presentation on in-progress project, “Evaluation of Current and Alternative Strategies for Managing CECs in Water”
  - b. Discussion and questions
    - i) This study has a two-year timeline
    - ii) The model watersheds used do not include any groundwater sources
- 5) **Committee Updates**
  - a. **Chemical ECs – John Kmiec**
    - i) PowerPoint presentation of Outline
    - ii) Assigned members are currently preparing drafts of each section of White Paper
    - iii) Nov. 30, 2013 is goal for final drafts
    - iv) Discussion: this outline may be useful to full APEC
  - b. **Microbial ECs – Jeff Prevatt**
    - i) Focusing on five organisms, with the outline to be: Description, Exposure, Outcomes of Exposure
    - ii) Preparing BMPs for big users (ex: Marriott)
    - iii) Nov. 30, 2013 is rough goal for final drafts
    - iv) Discussion:
      - (1) Academic references should be footnoted, to assure our authoritative voice, but not load too much on target audience (public).
      - (2) Keep in mind that Health Dept has supremacy when talking about disease and infection
      - (3) Some of the target organisms found in air, soil, livestock, etc.
      - (4) Part of our role is public comfort; avoid sensationalism
  - c. **Outreach and Education – Dan Quintanar**
    - i) PowerPoint presentation of report
    - ii) Discussion:
      - (1) ECs come to the attention of the public periodically – is it possible to maintain some sort of Hot Topic Response panel going forward? Then subject matter experts would provide information, versus each water supplier trying to react
      - (2) This committee needs the outputs of the other committees before it can work on distilling them into public-friendly “information nuggets”. Dec. 30, 2013 is a possible goal date.
- 6) **Going forward**
  - a. APEC and Committee chairs will meet in the next few weeks to start forming ideas for final outputs. The goal for APEC output is the first quarter of 2014.

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- 7) **Other business/Call to Public**
  - a. No other business was presented
  
- 8) **Next Meeting**
  - a. TBD; probably late November 2013
  
- 9) **Adjourn**

Minutes prepared by Molly Mullins