

Meeting of the DDW Advisory Group on DPR
January 19, 2016 ♦ Fountain Valley, California

**Recap of Discussion from Meeting #7 of
DDW Expert Panel for
Direct Potable Reuse**

Presented by:

Ray Tremblay, Advisory Group Member

Expert Panel Members

- **Co-Chair: Adam Olivieri, Dr.P.H., P.E.,** EOA, Inc. (CA)
- **Co-Chair: James Crook, Ph.D., P.E.,** Environmental Engineering Consultant (MA)
- **Michael Anderson, Ph.D.,** University of California, Riverside (CA)
- **Richard Bull, Ph.D.,** MoBull Consulting (WA)
- **Jörg Drewes, Ph.D.,** Technische Universität München (Germany)
- **Charles Haas, Ph.D.,** Drexel University (PA)
- **Walter Jakubowski, M.S.,** WaltJay Consulting (WA)
- **Perry McCarty, Sc.D.,** Stanford University (CA)
- **Kara Nelson, Ph.D.,** University of California, Berkeley (CA)
- **Joan Rose, Ph.D.,** Michigan State University (MI)
- **David Sedlak, Ph.D.,** University of California, Berkeley (CA)
- **Tim Wade, Ph.D.,** U.S. Environmental Protection Agency (NC)

Expert Panel Meeting #7

- Date: December 1-2, 2015
- Location: Hotel Irvine in Irvine, California



Expert Panel Agreed with “Activities of the Advisory Group”

- Form a subcommittee to review the work of the Expert Panel (i.e., briefing papers)
- Evaluate “capacity” or “TMF” to help advise rural or disadvantaged communities
- Outline additional topics for AG to weigh in on
 - Feasibility of implementing DPR projects
 - Development of regulations
 - Legislative changes
 - Terminology, Operator Certification

Role of Advisory Group

- Advisory group will provide comments on the Expert Panel to DDW by June 30
 - Expert Panel expressed concern that the June 30th deadline does not allow the Panel the time to address comments from the Advisory Group directly
- Additional comments or recommendations to DDW on various aspects of DPR by the Advisory Group will be important

Status of EP Deliverables

Briefing Papers

#1 – Bioanalytical Tools:

- Discussed at length Meeting #7, needs additional review and editing. Will be finalized at EP Meeting #8.

#2 – Quantifying Treatment Facility Reliability:

- Began discussion at Meeting #7, will require more extensive discussion at Meeting #8.

WaterReuse Project 15-01

- Synthesis of DPR research projects. Drafts due to EP and PAC by Feb 2016. Possible that AG and DDW may have access to draft documents as well.

IPR-SWA Criteria

Status of Expert Panel Review

- Expert Panel completed their review of DDW's proposed original criteria (Jul 2014) and revised criteria (Sept 2015)
- Expert Panel submitted their findings to DDW
- DDW is contracting to conduct an External Peer Review
- Expert Panel will finalize a Conceptual Approval Letter after they receive feedback from the External Peer Review Panel

Future Panel Meetings

Meeting #8: Feb. 24-25, 2016, in San Jose

- Entire meeting will be <Panel Only>
- Expert Panel needs the time to continue to write and finalize the briefing papers
- No attendees from DDW or Advisory Group
- Panel Meeting Report #8 will be available several weeks after the meeting