

NATIONAL WATER RESEARCH INSTITUTE

Independent Advisory Panel: Technical Requirements for Public Health Standards for Onsite Water Systems

WERF Project No. SWIM10C15

Meeting #1

AGENDA
October 1, 2015
8:30 am to 5:00 pm

<u>Location</u> The Talbott Hotel 20 E. Delaware Place Chicago, IL 60611 312-397-3620 ***Delaware Room***	<u>Contacts:</u> Jeff Mosher (On-Site) 714-705-3722 (Cell) Jaime Lumia 714-378-3278 (Office)
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Meeting Objectives:

- Review project background and project objectives for the *Technical Requirements for Public Health Standards for Onsite Water Systems* project
- Discussion on regulation criteria and current water quality standards and parameters
- Review the key topic areas of research
- Preliminary responses from the Expert Panel on key topic areas and discussion
- Establish next steps, action items, and schedule

8:30 am	Welcome <ul style="list-style-type: none">- Introductions- Meeting objectives- Review of agenda	Jeff Mosher, NWRI, and Sybil Sharvelle, Panel Chair
8:45 am	Opening Remarks/Introduction of Project	Theresa Connor, WERF
8:50 am	Project Purpose and Scope <ul style="list-style-type: none">- Background- Review of survey of public health officials- Applications (what is covered and what is not)- Project objectives	Paula Kehoe, SFPUC

9:15 am	<p>Overview of Regulation Development</p> <ul style="list-style-type: none"> - Recycled water - Criteria - Other requirements 	Brian Bernados, SWRCB
9:35 am	<p>Overview of Current Standards and Water Quality Parameters in the U.S. (publicly available information from the NRC report on “Beneficial Use of Graywater and Stormwater”)</p>	Sybil Sharvelle
10:15 am	BREAK	
10:30 am	<p>Overview of On-Site Treatment Processes and Applications</p> <ul style="list-style-type: none"> - Implementation lessons learned 	Edward Clerico, Panel Member
11:00 am	Case Study: SFPUC	Paula Kehoe, SPFUC
11:15 am	<p>International Experience with On-site Water Systems</p> <ul style="list-style-type: none"> - Alberta, Canada - Australia - Europe 	Nicholas Ashbolt, Panel Member
11:45	LUNCH	
12:30 pm	Presentation of Initial Topic Areas of Research for the Expert Panel	Sybil Sharvelle
1:00 pm	Preliminary Recommendations on Key Topic Areas from Expert Panel and Discussion	Moderated by Sybil Sharvelle
2:45 pm	BREAK	
3:00 pm	<p>Discussion with Panel, Stakeholders, and Attendees on Topic Areas</p> <ul style="list-style-type: none"> - Are topics appropriate and comprehensive? - Do questions capture the issues the panel needs to address? 	Moderated by Sybil Sharvelle
4:30 pm	<p>Wrap-up and Next Steps</p> <ul style="list-style-type: none"> - Panel work schedule - Schedule and location of Meeting #2 - List of Action Items 	
5:00 pm	ADJOURN	

ATTENDEES

Expert Panel Members:

- Nicholas Ashbolt, University of Alberta
- Edward Clerico, Natural Systems Utilities
- Robert Hultquist, California Department of Public Health (Retired) (unable to attend)
- Harold Leverenz, UC Davis
- Adam Olivieri, EOA Inc.
- Sybil Sharvelle (Chair), Colorado State University

National Water Research Institute:

- Suzanne Faubl, Water Resources Scientist and Project Manager
- Jeff Mosher, Executive Director

Project Sponsors:

- Theresa Connor, Water Environment Research Foundation
- Kathryn Henderson, Water Research Foundation
- Paula Kehoe, San Francisco Public Utilities Commission
- Melissa Meeker, WateReuse
- Julie Minton, WateReuse
- John Roddy, City and County of San Francisco

Stakeholder Advisory Committee:

- Scott Abbott, County of Los Angeles Public Health
- Anita Anderson, Minnesota Department of Health
- Brian Bernados, California State Water Resources Control Board
- Steve Deem, Washington State Department of Health
- Alf Durnie, Province of Alberta
- Jay Garland, US EPA
- Denise Lahmann, Washington State Department of Health
- June Weintraub, San Francisco Department of Public Health

Public Agencies:

- Sarah Dominick, Denver Water
- Vlada Kenniff, NYDEP
- Melinda Rho, LADWP
- Neal Sharpiro, Santa Monica
- Robert Stefani, Austin Water
- Maggie Theroux, US EPA