



MINUTES

Water Efficiency & Sanitation Standard Technical Committee Meeting (Hybrid)

IAPMO World Headquarters, Ontario, CA | Zoom Meeting ID: 850 2933 1264

May 13 – 14, 2026

Recording of any kind is not permitted

Members Present (In-Person)

Gary Klein, Interim Chair
Michael Cudahy
Rich Harlan
Pat Lando
Markus Lenger
David Nickelson
Phil Ribbs
Kyle Thompson
Aster Tseng
Charles White

Members Present (Virtual)

Laura Allen
Shawn Crawford
Paula Kehoe
John Koeller
Todd Kuchta
John Lansing
Rick Layton
James Majerowicz
Taylor Nokhoudian
Edward Osann
Beverly Potts
Damon Premer
Kent Sovocool

IAPMO Staff Present

Taylor Duran
Hugo Aguilar
Dan Cole
Enrique Gonzalez
Alma Ramos
Bria Saunders

Representation

Gary Klein and Associates, Inc.
Plastic Pipe & Fittings Association
UA Local 38
Recode
CleanBlu Innovations Inc.
Uponor
PHR Consultants
Plumbing Manufacturers International (PMI)
Self
PHCC-National Association

Representation

Greywater Action
Rainwater Management Solutions
Self
Koeller and Company
Self
Center for Building of North America
Haines, Jones & Cadbury, LLC
Plumbers Local Union 130 UA
San Francisco Public Utilities Commission
Self
Illinois PHCC
ACCO
Southern Nevada Water Authority

Title

Staff Liaison, WE♦Stand Technical Committee
Sr. V.P. of Code & Standards
Sr. Director of Technical Services
Manager of Code Development
Sr. Manager of Code & Standards
Associate General Counsel



Absent Members

Steven Braband
Billy Smith, Chair
Brian Granger
Jim Kendzel
Anton Smith
Amir Tabakh

Representation

BioSolutions Inc
American Society of Plumbing Engineers
UA Plumbers Local 68
JGK Consulting LLC
Waiea Water Solutions Inc.
City of LA Department of Water and Power

Guests Present

Fred Betz
Denis Livchak
Jessica Lopez

Representation

ASHRAE SPC 191 Chair/Nuemod Labs
Synergy-NRG
California Energy Commission

- I. Call to Order.** The Water Efficiency & Sanitation Standard (WE♠Stand) Technical Committee Meeting was called to order on Wednesday, May 13, 2026, at 8:17 A.M. (PT) by the Interim Chair, Gary Klein.
- II. Chairman Comments.** The Interim Chair, Gary Klein, welcomed all those present to the WE♠Stand Technical Committee Meeting.
- III. Announcements.** Enrique Gonzalez provided general announcements, reviewed guidelines for the meeting, and discussed the actions permitted for the disposition of public comments.
- IV. Self-Introductions.** Taylor Duran took roll and asked members to state their representation.
- V. Review and Approval of Agenda.** The Interim Chair, Gary Klein, asked for a motion to review and approve the agenda. A motion was made and seconded to approve the agenda. The motion passed.
- VI. Approval of the June 19-20, 2025 Meeting Minutes.** The Interim Chair, Gary Klein, asked for a motion to review and approve the meeting minutes from June 19-20, 2025. A motion was made and seconded to approve the minutes. The motion passed.
- VII. Report on the Ecological Sanitation Systems Task Group.** The Chair of the Ecological Sanitation Systems Task Group, Pat Lando, provided a report on the work completed by the task group and provided a summary on the submitted recommendations.
- VIII. Report on the Gray Water Systems Task Group.** The Chair of the Gray Water Systems Task Group, Pat Lando, provided a report on the work completed by the task group and provided a summary on the submitted recommendations.
- IX. Report on the Log Reduction Targets Task Group.** The Chair of the Log Reduction Targets Task Group, Markus Lenger, provided a report on the work completed by the task group and provided a summary on the submitted recommendations.



- X. Report of the WE♠Stand/ASHRAE 191P Working Group Report.** The Chair of the WE♠Stand/ASHRAE 191P Working Group, Gary Klein, provided a report on the work completed by the group and provided a summary on the submitted recommendations.
- XI. Review of Public Comments to the WE♠Stand.** The committee reviewed and discussed all properly submitted public comments. Following the meeting, all committee members are to submit their ballot electronically via the Kavi site. The ballots will open on May 29, 2026 and close on June 26, 2026. The results of the ballots will be published in the 2026 WE♠Stand Report on Comments (ROC) to be distributed on September 4, 2026.
- XII. Other Business.** The Interim Chair, Gary Klein, requested the formation of the following task groups for the 2030 development cycle:
- Leak Detection and Control Devices Task Group
 - Alternate Water Source Types and Terminology Task Group
 - Data Center Water Use Task Group
- A “Call for Participation” will be distributed for these new task groups.
- XIII. Adjournment.** The meeting was adjourned on Thursday, May 14, 2026 at 3:03 P.M. (PT).

Respectfully submitted,

James Majerowicz
Secretary, WE♠Stand Technical Committee