



1791 TULLIE CIRCLE, N.E./ATLANTA, GA 30329

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DRAFT

TC/TG/MTG/TRG MINUTES COVER SHEET

(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/MTG/TRG No. 3.6 DATE: June 24, 2025

TC/TG/MTG/TRG TITLE Water Treatment

DATE OF MEETING June 24, 2025 LOCATION Phoenix, AZ

MEMBERS PRESENT (11)	Status	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Tania Ullah – Secretary	Voting	<u>In-person, NV Attendees (18)</u>	
Erica Eskins Parker – Vice Chair	Voting	Alain Trahan	Philip Yu
Joe Hamm – Programs (V)	Voting	Matt Hatley	Shayan Beg
Tyler Anderson - Research	Voting	Bill Pearson	Patsy Root
Harrison (Ruffin) Tyler	Voting	Frank Morrison	Annette Dwyer
Helen Cerra	Voting	Jeff Gatlin	Jeff Rogers
Clive Broadbent (Int'l, NQ) (V)	Voting	Ilan Aberman	Grace Pesselato
Claressa Lucas (V)	Voting	Lauren Kilibarda	Amr Suliman
Ron George	Voting	Brandon Gross	Tina Brueckner
Ken Mortensen	Voting	Rob Janowiak	Tom Watson
Alberto Comazzi	Voting	<u>Virtual, NV Attendees (4)</u>	
		Chee Ow	
		John Akroyd	
		Riley Freeman	
		Abe Cullom	

Members Absent (4)	Status		
Stu Asay	Voting		
Clive Ling	Voting		
Jon Cohen– Chair	Voting		
Janet Stout	Voting		
		Total Attendance	33

TAC Section Head:	SH3.6@ashrae.net
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters (Research, Standards, ALI, etc.)	See ASHRAE email alias list for needed addresses.
Mike Vaughn, Manager Of Research & Technical Services	MORTS@ashrae.net

Note: These draft minutes have not been approved and not the official, approved record until approved by the TC at the next meeting.

Agenda

1. CALL TO ORDER
Called to order 1:04pm.
2. ROLL CALL & INTRODUCTIONS
Quorum established. 10/15 VMs (1 NQ)
3. ASHRAE Code of Ethics Commitment

“As members of ASHRAE or participants in ASHRAE activities, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

We will avoid conflicts of interest and behavior that is discriminatory and/or harassing.”

4. REVIEW OF AGENDA
5. APPROVAL OF MINUTES (2025 Winter Conference, Orlando)
Comments/changes? No.
Add Frank Morrison to be attendees.
11 (out of 15 VMs) in favor, 0 nay, 0 abstain (chair not present or voting). Minutes approved.
6. REVIEW OF SECTION 3 BREAKFAST MEETING – ?
7. SECTION 3 CHAIR REVIEW –
Jon Cohen not present, no update to share.
8. MEMBERSHIP REPORT – Cohen/Ullah

Erica Eskins Parker	2028 (roll-off)
Ken Mortensen	2028
Alberto Comazzi	2028
Janet Stout	2028
Ron George	2027
Joe Ham	2027
Stu Asay	2027
Jon Cohen	2026
Tania Ullah	2026
Claressa Lucas	2026
Ruffin Tyler	2026
Tyler Anderson	2026
Helen Cerra	2026
Clive Ling	2025
Clive Broadbent (Int'l, NQ)	2025

Janet Stout, Clive Ling, and Clive Broadbent are rolling off after this meeting.

Brandon Gross, Philip Yu, and Abe Cullum express interest to join on as voting members.

Leadership will discuss and approve.

Bill Pearson discusses membership responsibilities.

9. LIAISON REPORTS – ASHRAE / AWT / CTI / OTHERS

9.1. ASHRAE SSPC 400 (Guideline 12, Standard 188, Standard 514) – *Mortenson*

The group decided to combine all reports out under SSPC 400 update. Ken reports out as Mike Patton is not present. Still in the organizational phase, group is meeting right after this meeting.

9.2. CTI Guideline 159 – *Cerra*

Cooling Technology Institute, Legionellosis guideline. July 20-23rd is the next meeting and will take place in Galveston, TX. Committee meeting next week.

There is a water treatment committee, and group works on number of documents: non-oxidizing biocides, cooling water system audits (presented at the Feb meeting), heat exchanger maintenance, closed cooling systems.

Everyone welcome to attend.

9.3. ASHRAE Standard 189.1 – *Morrison*

Put out addendum for public review. Set lower limits for flow monitoring devices (heat rejection devices, adiabatic coolers, irrigation devices). Removed leak detection requirements. Comments went in for that.

9.4. ASHRAE Standard 191P – ?

9.5. ASHRAE Standard 90.1 – *Lindahl*

See Paul's report uploaded onto Basecamp.

9.6. ASSE/IAPMO/ANSI 12080 – *Cullum*

No updates with the standard itself. There are training opportunities that may emerge.

9.7. Center for Excellence for Building Decarbonization (CEBD) – ?

9.8. AWT – *Pearson*

Since the Orlando meeting, group hosts regional technical sessions. San Diego in Spring (which had the ASSE/IAPMO/ANSI std training), November 12-15th Colorado Springs meeting (139 days away!), and annual conference is Sept 2026 in Oklahoma City.

Encourages all to attend, visit www.awt.org

10. HANDBOOK - *Trahan*

10.1. Handbook Subcommittee Update

Handbook timeline on track. Alain contacted all volunteers (13 meetings between now and deadline). Alain will include agenda, delegate roles during first meeting.

Contact Alain if you want to volunteer.

10.2. Goals for next edition/rewrite

April 2026: goal for when revisions should be done, goes out for review. It will be published July 31, 2026.

11. RESEARCH – *Anderson/Parker*

11.1. Research breakfast: ASHRAE has lots of money and needs to spend it on new research projects. An online portal is being established for submission of proposals and knowing where they are in the process.

11.2. Research project update

- PTAR 002: Submitted to cosponsors (SSPC 188, GAC and EHC) and having them vote on the revisions. Still waiting on their responses before the annual meeting. SSPC 400 is working on co-sponsoring (on behalf of SSPC 188). PTAR will be sent to Michael Patton and Chee Ow.
- Work Statement 1930: Submitted and returned with comments. Planning to resubmit after summer meeting. There is conflicting guidance on the temps for potable hot water (public safety, energy and water efficiency)
- WS 1889 Graywater use in healthcare facilities – determining risk and appropriate design responses.: Cosponsored with TC 9.6. PES votes to approve bidder. Tyler Anderson and Erica (Eskins) Parker on PMS

11.3. New research ideas

- Effects on piping from short-term, high-level disinfection (potable and non-potable)- **MOU from Lubrizol, ASPE as another co-sponsor?- Tyler Anderson to follow up with MOU steps, Alain interested in joining RTAR development**
- Water demand calculator- **Tania still interested, two other people in TC6.6 to write it up, using water demand calculator to go into buildings to assess parameters; will work on RTAR draft**
- Energy Analysis of Buildings with v. without water systems (TCs 8.6, 2.8)- how do buildings using water systems compare in carbon emissions to those that do not have water systems? Cradle to Grave analysis on Carbon Emissions for two similar buildings- **Ken M. interested in joining RTAR development and will reach out to TC 8.6**
- Role of Water in Decarbonization- Benefits and Challenges- How can water systems be designed to contribute to carbon neutrality and what challenges may need to be mitigated as a result? plumbing system designs, water conservation=stagnation, lower flow, higher risk of Legionella growth- **committee conversation showed interest/need for investigation**
- Water Treatment and Decarbonization- extension of role of water in decarb- treated water systems v. non-treated, water treatment design, water-cooled v. air-cooled evaporative systems
- Email new ideas to tyler.Anderson@chemaqua.com and erica@watermanagementadvisors.com who can advise

12. PROGRAM – Ham

12.1. Programs at this meeting

Seminar 21: Decarbonization And Water Do Mix- Sunday, June 22nd from 3:15 PM – 4:45 PM MST at the Phoenix Convention Center North Building , Level 2, 224B
Helen moderated and Amir, Brandon, and Frank were speakers.

12.2. Programs for Upcoming Meetings

- August 1st deadline for submitting new program proposals
- Overview of the tracks: highlight is Indoor Environmental Quality (description includes water quality as a subtopic).
- New program idea: 90 min presentation for Flushing and Disinfection (re: potable water). Speakers would be Ron George, Brandon Gross, Abe Cullom, Rob from Lubrizol.
- Motion to submit program for Vegas conference: Joe Hamm, Second: Ken Mortensen. Vote: 11 yes, 0 no, 0 abstain (chair not present or voting). Passes.

- Consider resubmitting topic (Bill Pearson spearheaded) called “Evaporative Cooling Equipment for Industrial and Power Applications”. Alain (chair) and Bill, Ken, Jon as speakers. Perhaps add data centers into the scope.
- Motion to submit program for Vegas conference: Joe Hamm, Second: Ken Mortensen, Vote: 11 yes, 0 no, 0 abstain (chair not present or voting). Passes.
- Frank requests that a TC 8.6 program topic: Evaporative Cooling Water Restrictions in LV area be considered for TC 3.6 co-sponsorship.
- Motion to co-sponsor program for Vegas conference: Joe Hamm, Second: Frank, Vote: 11 yes, 0 no, 0 abstain (chair not present or voting). Passes.

13. Digital Chair (Website and Basecamp) UPDATE – *Trahan*

- 13.1. ASHRAE is moving from Basecamp to OneHub
- 13.2. Website will be updated

14. SOCIAL NIGHT REPORT – *Gross*

- 14.1. Monday’s dinner was a success! Brandon has emailed the group photo.
- 14.2. Appointment of Social Night Chair for Las Vegas Winter Meeting 2026: Lauren Kilibarda!

15. OLD BUSINESS

- 15.1. Decarbonization discussion – where can our TC inject ourselves to ensure water is properly considered in all solutions

16. NEW BUSINESS

TC 3.6 leadership requested to make a presentation to ASHRAE chapter members in the UK (by Amr Suliman). It would be a webinar, so fully virtual and there would be no expectations to be there. We will follow up via email.

17. DATE AND LOCATION FOR NEXT MEETING

- 17.1. *Winter Meeting – Las Vegas, Nevada, Jan 31- Feb 4, 2026*
- 17.2. *Subcommittee meeting: Group has decided to meet virtually from now on 1-2 weeks preceeding the conference. Next meeting is tentatively scheduled for Jan 26, 2026, 1-3pm ET.*

18. ADJOURNMENT

Erica adjourns at 2:43p.