



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

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**APPROVED January 19, 2021**

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: January 19, 2021

TC/TG/MTG/TRG TITLE Water Treatment

DATE OF MEETING JANUARY 19, 2021 LOCATION Zoom Virtual Meetin

MEMBERS PRESENT	YEAR ENDING	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Alain Trahan	2022	Helen Cerra	Brandon Gross
Joshua Ince	2024	John Aykroyd	Bill Gaines
Michael Patton	<b>2021</b>	Kevin Blake	Clive Ling
Dan Weimar	<b>2021</b>	Paul Lindahl	Tyler Anderson
Henry Becker	2022	Tom Mastbaum	Bob Silva
Jeff Ramey	2022	Joe Ham	Ron Wood
Ken Mortensen	2022	Eric Adams	Ryan Reimer
Janet Stout	2022	Erica Eskins	Kevin Blake
Harrison (Ruffin) Tyler	<b>2021</b>	Molly McManus	Matt Archey
Claressa Lucas	2021	Stuart Dols	
Richard Miller	2024		
Jon Cohen	2024		
Scott Shaffer	2023		
Frank Morrison	2024		
Bill Pearson	2024		
MEMBER ABSENT	YEAR ENDING		
Jeff Boldt	2024		

TAC Section Head: William Dols	SH3.6@ashrae.net
CTTC Liaison: Tracey Jumper Research Liaison: Professional Dev.Liaison: James Bochat Handbook Liaison: Harris Sheinman Standards Liaison: Niels Bidstrup	<a href="mailto:CTTC3@ashrae.net">CTTC3@ashrae.net</a> <a href="mailto:RL3@ashre.net">RL3@ashre.net</a> <a href="mailto:PDCchair@ashrae.net">PDCchair@ashrae.net</a> <a href="mailto:hba5@ashrae.net">hba5@ashrae.net</a> <a href="mailto:SL3@ashrae.net">SL3@ashrae.net</a>
Mike Vaughn, Manager Of Research & Technical Services	MORTS@ashrae.net
TC 3.6 Scope	TC 3.6 is concerned with water treatment for building water systems including scale, corrosion and microbiological control (except sewage drainage systems) and the impacts of water treatment on building operations, maintenance, sustainability, energy efficiency, human health, and water resource conservation.

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

## **Main TC 3.6 Meeting Agenda**

### **1. CALL TO ORDER**

*Meeting called to order at 1:04 PM by Alain*

### **2. ROLL CALL & INTRODUCTIONS**

*Quorum – 14/15 voting members, 34 attendees in total.*

### **3. ASHRAE CODE OF ETHICS COMMITMENT**

*Alain reads ASHRAE's code of ethics and reminds everyone that we have to abide by these.*

In summary: In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

### **4. REVIEW OF AGENDA**

### **5. APPROVAL OF MINUTES (2020 Annual Conference, Virtual Meeting)**

*Jeff Ramey.– seconded by Ken Mortinson – Approved unanimously*

### **6. REVIEW OF SECTION 3 BREAKFAST MEETING – Alain Trahan**

*Rules for a Virtual conference (see the enclosed PPT presentation)*

### **7. SECTION 3 CHAIR REVIEW – Stuart Dols**

*Stuart Dols – Provided SH announcements (see slide in handout PPT of the meeting, enclosed)*

### **8. MEMBERSHIP REPORT – Bill Pearson**

#### **8.1. Voting Membership**

*Rolling off after this summer's meeting are : Michael Patton, Dan Weimar, Harrison (Ruffin) Tyler, Claressa Lucas*

*Full roster of 15 voting members*

*68 members on our December 21<sup>st</sup> official Roster*

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

#### **9.1. Research Liaison – Unknown**

*Tom Mastbaum mentioned that our section 3 research liaison has rolled off and there is no immediate replacement. Stuart Dols reached out to ASHRAE for information.*

#### **9.2. Relevant Codes and Standards Reports**

##### **9.2.1. ASHRAE Guideline 12 and Standard 188**

*Paul Lindahl reported that SSPC188 meets next week, all are welcome, just be mindful not to share documents and material. A full agenda as there will be CMPs to be discussed for both 188 and G12*

##### **9.2.2. CTI Guideline 159**

*Helen Cerra – Guideline 159 is published. On Maintenance. In person conference still hopeful for April in New Orleans*

### 9.2.3. ASHRAE Standard 189P

*no updates*

### 9.2.4. ASHRAE Standard 191P

*Michael Patton – In public review stage, going out for ISC review, still moving along*

### 9.2.5. ASHRAE Standard 90.1

*Paul Lindahl. – Submitting a written report to 90.1 on behalf of TC 3.6 and 8.6, provided a quick summary*

### 9.2.6. ASHRAE Standard 514

*Paul Lindahl also commented on the continued progress of 514 within the committee*

### 9.2.7. Climate Chapter – TC2.5 Handbook

*Alain Trahan – no follow up at this meeting. Alain will monitor to determine if we should maintain a link to TC2.5 and report*

### 9.2.8. ASSE/IAPMO/ANSI 12080

*Appointed Janet Stout to be our liaison for this certification standard of Legionella Water Safety and Management Personnel*

*Paul Lindahl commented that ASHRAE is looking for more ideas for ASHRAE to provide more professional certifications and suggested the potential for a certification of authors and reviewers of water management plans based on 188 and G12. Discussion was had that this may already exist with ASSE/IAPMO/ANSI 12080. Michael Patton offered to do some digging to better understand what ASHRAE would like to do*

## 10. HANDBOOK – Michael Patton

### 10.1. Handbook Subcommittee Update

*Michael Patton will work on plan for 14 months window. Next revisions are due April 2022, however there may be a change to the section we are in, potential move to either Fundamentals or Systems & Equipment...if so, that might change the timeline. Reviewers of the handbook are Clive L, Helen C, Dan W, Josh I, Joe H, Alain T, Ruffin T, Henry B, Jeff B, Brandon G,*

## 11. RESEARCH – Tom Mastbaum with Tyler Anderson as VC

### 11.1. Research projects update

*PTAR – Publication rather than Research – Waiting for Steve Kujak's responses/comments to document as submitted. Letter ballot vote could be submitted once the Research document is produced.*

*-Good discussion on the importance of this, and the fact that the most important outcome would be a list of contacts at each state, and possibility that this work would highlight the importance for each state to appoint a point of contact.*

*This PTAR could also include states and provinces, and would be to create a database as well as an app/software application to ensure the information is readily available, with potentially quarterly updates to keep it relevant. Tom to work with Tyler and Erica to*

*finalize and submit to the committee for summer meeting based on discussion with Publications by Michael Patton.*

12. PROGRAM – Jon Cohen/Joe Ham

12.1. Programs at this meeting:

*None*

12.2. Programs next meeting (Phoenix):

*Deadline for Phoenix Feb 22.*

*-Bill submitted Henry, Dan Joe, and it was not approved/late. Jon suggest that we tweak it to bring in Energy conservation and water savings is an energy conservation. Talk to Track Chair Systems and Equipment () Bill/Jon/Josh volunteers to Chair the repeat submission*

*-Teaching engineers for water Treatment for glycol systems. Chilled water, hot water, Glycol, Closed loops. For summer in Phoenix 2021 – this was tabled as future content for another conference where it might fit better.*

*-Emilie Bedard (Legionella and Flushing) and Ron (Plumbing code and design) and Janet Stout (Temperature and microbiological impact) Joe Ham to Chair.*

*Build this seminar (90min, 3 speakers) into the Future Proofing (Track 7) and focus on resiliency as a strategic advantage for a building. Topics to include how to come out of a pandemic, withstand various levels of occupancy and changing regulatory landscape*

13. WEBSITE UPDATE – Joshua Ince

*Josh confirms that the site is updated.*

14. SOCIAL NIGHT REPORT –

14.1. Appointment of Social Night Chair for Phoenix Meeting –

*Dan Weimer*

15. OLD BUSINESS –

*Alain exposed that our TC3.6 basecamp is setup for use by all as required*

16. NEW BUSINESS –

*-No New Business*

17. DATE AND LOCATION FOR NEXT MEETING

*Annual Conference – Phoenix – June 26-30th*

ADJOURNMENT

*Meeting adjourned by Alain at 14h46.*

*Thank you to all for joining.*