



Water Treating Committee Minutes for February, 2014

1. Call to Order

Matt Wangerin, Water Treating Committee Chairman, called the Opening meeting to order at 3:48 P.M. in Houston, TX.

2. Attendees

The opening meeting was heavily attended, and all attendees were introduced and recorded under separate file. The pre-registered attendance at CTI Winter Meeting was reported at 389.

3. Minutes

The minutes from the Summer 2013 meeting were approved as written.

4. Task Groups

Task Groups were set to meet per the following schedule:

Instrumentation & Control (Dorsey)	Tues 2/4/14	11:00 AM
Physical Water Treatment (Cunningham/Winter)	Tues 2/4/14	11:30 AM
Best Practice Guidelines for Cooling Water Systems (Bland)	Tues 2/4/14	11:30 AM

- WTG-125 Instrumentation & Control: Mike Dorsey (TG Lead) reported Trey Cook will be leaving Dow and this Task Group, after excellent progress over the past year. No new co-Lead has yet been named. The document is extremely close to completion. Goal of Summer 2014 Meeting submittal to WT Committee and Ad-Hoc. (Matt Wangerin advised of mechanics related within CTI Document CTI OP-304. It was emphasized that the CTI Board only reviews for adherence to the process mechanics being executed properly, not for document content.)
- WTG-126 Application of Non-Oxidizing Microbiocides: Jon Cohen remains as acting TG Lead, but was absent from these meetings. This document will include a matrix for Non-Oxidizing biocide actives and required dosage rates of those actives. Bill Pierson reiterated the fact that AWT has completed such a matrix for Non-Oxidizers, and this resource can be used by this Task Group, as long as this specific use is cited/foot-noted properly. Bill Pierson and Paul Puckorius noted no new progress on this document had been reported since the Summer 2013 meeting.
- WTG-130a Corrosion Monitoring: Matt Wangerin submitted to the group that this Task Group would need to be re-formed, for the purpose of formal Task Group review, per CTI requirements. Wangerin also volunteered to TG Lead, with the next meeting slated for July 2014 at the CTI Summer Meeting. The offer was put forth to the WT Committee membership for any prospective volunteers for this Task Group. They can contact Matt Wangerin via e-mail of their intentions.
- WTG-130b Deposit Monitoring: Barb Moriarty, TG Lead, was not present, and it was reported she had left Nalco and would no longer participate in CTI. Matt Wangerin and Pete Elliott have pieces of this document collected to date to provide to a new TG Lead. Bob Cunningham volunteered to be the TG Lead. No additional work has been accomplished since the last Meeting.
- WTG-130c Microbiological Monitoring: Paul Schook, the TG Lead, was not present, and was reported to have left Dow. Latria Boudoin, who represented this Task Group at the Summer 2013, was reported to have left Albemarle. Matt Wangerin will contact Paul Schook retrieve the historical body of this document created to date. Matt Wangerin also made an appeal to the WT committee membership for a new leader of this task group to chair WTG-130c. New TG Lead to be named later.
- WTG-158 Physical Water Treatment: Bob Cunningham commented on the document to date, stating that data was readily available for reference, as long as proper citations were attributed. The main premise of this document will be to measure the performance of physical water treatment equipment and methods against the same standards use to measure success of traditional chemical water treatment protocols, in the areas of corrosion, deposition, and microbiological control. The new TG Lead, Mark Winter, formally put forth a formal invitation for new membership. Initially, the Title, Scope, and Mission will be evaluated to determine whether to adopt as currently available or re-write, with minor revisions as necessary. Additionally, the group will set a time in April to review progress and to compile a list of literature for use by CTI members, for future reference on this topic. The principal goal for this team is to have a viable document ready for review at the CTI Summer Meeting.

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- WTG-159 Best Practices Guidelines for Cooling Water Systems: (The TG #159 will be changed.) The Task Group, originally proposed by Jack Bland, will not create a "Standard document". Rather, it was stated that Best Practices for different industries are needed, as definitions of successful performance do vary for different industrial conditions. Jim Kanuth added that the existing documents for corrosion, deposition, and microbiological control are independent of standards of performance. Bland made an appeal for assistance on this Task Group to outline definite outcomes, and not so much the methods implemented to achieve those outcomes. Jack Bland was named interim TG Lead. Bland will provide a "sanitized version" of a document previously compiled at ChemTreat. A Good/Better/Best tabular structure will be employed. The next teleconference for this group is scheduled for 04/25/14. Background information will be distributed by Bland, with the prospective goal being to include actual examples of Good/Better/Best.
- STD-149 Corrosion Testing Procedures (2000): Art Brunn and Matt Wangerin have reviewed the document, which relates to use of corrosion coupons, and it can be renewed as written without revision at this time.
- General Note: In light of the unusually high number of TG Lead absences, and due to members leaving their places of employment, Phil Kiser made an appeal to all prospective TG Leads, to keep him and CTI apprised of all changes in their professional status. Additionally, all TG Leads should hold a minimum of one (1) teleconference prior to the commencement of the CTI Summer Meeting in July.

5. Liaison Reports

- *NACE*: No report provided.
- *IWC* (Paul Puckorius reporting): The November meeting held in Orlando was extremely well-attended, reported at 725, 20% international. The meeting was considered successful. 250 people participated in 25 workshops. Cooling water, boiler water, and frac water were included in the agenda. The next meeting will be held in Pittsburgh, PA in November of 2014, commemorating IWC's 75th anniversary. Future meeting locations on the West Coast are under consideration. Overseas chapters are to be established. An appeal for technical papers was also made.
- *AWT* (Bill Pierson reporting): Annual convention occurred in October, 2013 at the Mohegan Sun Resort in Connecticut. 120 booths were present. As per usual practice, AWT will conduct 2 Technical Training seminars each year, with 1 held on the east coast and 1 on the west coast of the U.S. The matrices for oxidizing and non-oxidizing biocides have been completed. Also the corrosion monitoring document has been completed. AWT is now working with ASTM on a Cooling Systems Best Practices document, with the title, purpose, scope, and overall document template completed, to date.
- *ASHRAE* (Bill Pierson reporting): STD 188P is has been in the public approval process for nine (9) years. Recently, the Committee Chair was replaced by Tim Watson. Mr. Watson brings extensive standards development expertise with him. June 2015 is projected as the time line for official adoption of the document, following the 4th Public Review. Currently, the title and purpose are being revised, to remove "HACCP" references, however the theme of risk management remains as the principal focus. New contributors to the document providing input, which will undoubtedly add time to the overall process for approval. Also, ASHE has been lobbying to have hospitals excluded from the purview of 188P. The next ASHRAE meeting is scheduled for late October 2014 in Fort Worth, TX.

6. Old Business

- Ideas for new CTI R & D Committee research projects are solicited. Proposals, which require a formal scope and budget, will be channeled through the CTI Board. Bill Pierson offered that the research subcommittee at ASHRAE is looking for research projects to co-fund.
- Matt Wangerin promulgated the need for Water Treatment Panel Discussion topics. These topics are to be submitted to Wangerin for consideration. New topic discussion ideas might include: Instrumentation and Control - this might also herald in the new document being developed; New Cooling Tower Commissioning Specification Clarification/Improvement - finalizing of this idea is still under consideration; Regulatory Environment Changes; and Water Reuse for Cooling Water Systems, reflecting current geographical drought conditions. Matt Wangerin reported that attendance was 65 at the 2014 WT Panel Discussion, and that much positive feedback was received regarding this session.

7. New Business

- Phil Kiser will assume the role of Water Treating Committee Chairman on 2/6/14.
- Jim Kanuth will remain as Vice-Chairman of the Water Treating Committee.

Minutes prepared by:

Pete Elliott, past WT Secretary
Matt Wangerin, past WT Chairman

Respectfully submitted by:

Matt Wangerin, past WT Chairman