

**International Water Association  
Regional Committee of Hong Kong, China (IWAHK)**

**Minutes of the 5th General Meeting**

**Venue** : WSD Headquarters Conference Room, Room 4819, Immigration Tower

**Date** : 28 March 2011 (Monday)

**Time** : 6:00 – 7:15 p.m.

**Present**

Ir L T MA	Director of Water Supplies ( <i>Chairman</i> )
Ir C C CHAN	Director of Drainage Services ( <i>Vice Chairman</i> )
Ir K W CHAN	Deputy Director of Water Supplies ( <i>Secretary</i> )
Ir David C W CHAU	Assistant Director of Water Supplies/ Mechanical & Electrical ( <i>Treasurer</i> )
Ir Alan H L MAN*	Director, Black & Veatch
Ir C Y FONG*	Director, ATAL Engineering Ltd
Prof Herbert H P FANG*	Chair Professor of Environmental Engineering, Department of Civil Engineering, HKU
Mr Alex K K CHAN	Senior Environmental Protection Officer, Environmental Protection Department
Dr Samuel H K CHUI	Senior Environmental Protection Officer, Environmental Protection Department
Prof G H CHEN	Professor of Civil & Environmental Engineering, HKUST
Mr Victor C L KWONG	Risk Management & Environmental Manager, The Hong Kong and China Gas Co Ltd
Dr Johnson LEE	Director, Asia Water Solutions Co. Ltd
Ir Harry LEE	Senior Engineer, ARUP

**Absent with Apology**

Dr H Y YEUNG*	Principal Environmental Protection Officer, Environmental Protection Department
---------------	--

**In Attendance**

Ir Johnson K C LEE	Engineer, Water Supplies Department
Ir T O LEE	Water Supplies Department (WSD) ( <i>Note Taker</i> )

\* Co-opted Member

(1) **Welcoming remarks**

The Chairman welcomed all members, in particular the new Vice Chairman, Ir C C CHAN, to the 5th General Meeting of the International Water Association Regional Committee of Hong Kong, China (IWAHK).

(2) **Matters arising from the 4th General Meeting and the 9<sup>th</sup> Executive Committee Meeting**

The minutes of the 4<sup>th</sup> General Meeting and the 9<sup>th</sup> Executive Committee Meeting held on 31 March 2009 and 30 July 2010 respectively were confirmed as read. The items to be followed up were as follows:

(a) **World Water Monitoring Day in 2009 and 2010**

Ir T O LEE reported that the World Water Monitoring Day in 2009 and 2010 continued to receive overwhelming response worldwide. Locally, the World Water Monitoring Day in Hong Kong 2009 was held alongside the Ceremony for Declaration of 41 Waterworks Monuments at Tai Tam Tuk Raw Water Pumping Station and the event of 2010 was held jointly with WSD's launching ceremony for the Water Conservation Design Competition at Tai Lam Chung Reservoir. Over 200 secondary and primary school students participated in the activities and carried out simple tests for water quality. The results, which were satisfactory had been submitted and included in the respective Year in Review published by the organisers, ie the Water Environment Federation (WEF) and the International Water Association (IWA). Reports and photos of the events were uploaded onto the IWAHK's homepage as well.

Ir T O LEE also reported that the entries received for the Water Conservation Design Competition in 2010-2011 were as follows :

- (i) 5 from catering services group;
- (ii) 37 from property management group; and
- (iii) 13 from tertiary education group.

The adjudication was in its final stage and the presentation of awards would be conducted in mid April.

(b) Proposal for an IWA Leading-Edge Technology Conference

Prof CHEN updated the meeting members on the progress of organising the IWA Leading-Edge Technology Conference. He said that the target year for the event would be 2016 instead of 2014 to allow sufficient time for preparation. As agreed in the last EC meeting, HKUST, with the partnership of HKU and back up of IWAHK, would take the lead to organise the event. It was anticipated that around 200 participants would attend the conference. The Chairman added that IWAHK would also help to seek support from government departments including WSD and DSD.

Regarding sponsorship, AECOM had already expressed interest to support the event. Prof CHEN expected that more sponsorship would come. Ir MAN told that his colleagues would be willing to share their hands-on experience in organising previous conferences of similar scale.

Knowing that there was as yet no competing bid for the 2016 event so far, the meeting agreed that Prof CHEN should finalise and submit the proposal to IWA as soon as possible. Meanwhile, IWAHK would assist in identifying potential sponsors when more details were available.

Prof CHEN

Secretary

(c) Formation of Young Water Professional (YWP) Chapter

Ir Johnson K C LEE briefed the meeting members of his findings on the requirements and procedures for forming a YWP Chapter in Hong Kong. He told members that YWP Chapters had been formed in many countries such as Australia, Germany, The Netherlands and Singapore etc. The chapters targeted those YWP under the age of 35 and the core activities would be in the form of meetings, seminar or conferences to promote learning and sharing of experience and knowledge among YWP in the water industry.

Ir Alan MAN raised the concerns that extra membership fee might deter the participation of local YWP. After some discussions, the Chairman concluded that IWAHK should first attempt to invite the local IWA corporate member organisations to nominate their young professional to start forming a preparation committee. He asked Ir Johnson K C LEE to follow up.

Ir Johnson K C  
LEE

**(3) Forthcoming IWA and IWA-ASPIRE Events**

The following forthcoming IWA and IWA-ASPIRE events were brought up for the attention of all members:

Event	Venue	Period
Aquatech China 2011 ( <a href="http://www.aquatechchina.com/">http://www.aquatechchina.com/</a> )	Shanghai, China	1-3 June 2011
8 <sup>th</sup> IWA leading-edge conference & exhibition on water and wastewater technologies ( <a href="http://www.let2011.org/">http://www.let2011.org/</a> )	Amsterdam, The Netherlands	6-10 June 2011
Singapore International Water Week – Water Convention ( <a href="http://www.siww.org.sg/">http://www.siww.org.sg/</a> )	Singapore	4-8 July 2011
City of the Future Xian : Technologies for Urban Water Management ( <a href="http://www.cof-xian2011.com/">http://www.cof-xian2011.com/</a> )	Xian, China	15-18 Sep 2011
4 <sup>rd</sup> IWA ASPIRE conference & exhibition ( <a href="http://www.aspire2011.org/">http://www.aspire2011.org/</a> )	Tokyo, Japan	2-6 Oct 2011
8 <sup>th</sup> IWA World Water Congress ( <a href="http://www.iwa2011busan.org/">http://www.iwa2011busan.org/</a> )	Busan, Korea	16 - 21 Sep 2012
<b><u>(Non-IWA Event)</u></b>		
第九屆深、港、珠、澳供水界學術交流會 ( <a href="http://www.zhuhai-water.com.cn">http://www.zhuhai-water.com.cn</a> )	Zhuhai, China	Oct 2011

The Chairman encouraged all members to support and participate All members in the IWA events.

Ir T O LEE told members that there would be papers from Hong Kong submitted for all the above events in 2011 except for the Aquatech China 2011.

## **Action**

Dr Samuel CHUI said that he would present a technical paper regarding the triple water supply system in Hong Kong Airport for oral presentation in the coming 8<sup>th</sup> Leading-edge Conference and Exhibition on Water and Waste Water Technologies in Amsterdam in June. The paper was jointly contributed by Hong Kong Airport Authority, EPD, WSD and HKUST.

The meeting members noted that WSD and DSD would participate in the Singapore International Water Week 2011 and offer oral presentations and poster presentations during the event.

Ir T O LEE and the Chairman appealed for the support of members to participate in this non-IWA event “9<sup>th</sup> Shenzhen-HK-Zhuhai-Macau Water Supply Seminar”, of which WSD was one of the co-organisers. The seminar would be an excellent opportunity to enhance interflow and exchange of ideas at a regional level. An announcement for calling papers would be despatched to all IWAHK members shortly.

All members

### **(4) Nomination of IWA Fellows**

The Chairman reported that to echo IWA Headquarters’ invitation, IWAHK had recently nominated Prof Herbert H P FANG and Prof G H CHEN for IWA Fellows. Both candidates with distinguished academic achievements, had shown their intent to contribute more to the water industry under the terms of IWA Fellows.

During the meeting, Prof Herbert H P FANG presented his specialty research subject “Environmental Anaerobic Technology” and its application in wastewater treatment. The merit of anaerobic technology was the use of microbes to convert organic pollutants in wastewater into useful products under anaerobic (i.e. in the absence of oxygen, or air) conditions thereby producing energy-rich biogas.

Prof G H CHEN also gave a brief presentation on the novel sewage treatment technologies for Hong Kong application – the Sulfate reduction Autotrophic nitrification Nitrification Integrated, SANI® process. The benefits of this process included reduction of footprint required for sludge treatment facilities and improving energy efficiency of the wastewater treatment process.

**(5) Brainstorming on Organisation of World Water Monitoring Day 2011**

Since 2004, IWAHK had organised the World Water Monitoring Day programme in Hong Kong for seven times. The Chairman invited ideas from the meeting members for reference to the preparation of this year's event.

Ir C Y FONG had given an example of organising a design competition for "water rocket" that received an overwhelming response from schools. He also threw the idea of a carnival with water conservation as the main theme.

Ir Alan MAN observed that the events in the last two years, integrated with different themes could effectively enhance the publicity and therefore this year's event should follow the same direction. Dr Johnson LEE also shared Ir Alan MAN's view and quoted the collaboration between his company and CityU on a water quality monitoring project.

After the sharing among meeting members, the Chairman concluded that IWAHK would take note of the different suggestions brought about when developing the programme.

WSD

**(6) AOB – Promotion of Membership**

Dr Johnson LEE enquired about promoting membership of IWAHK. Ir T O LEE responded that the number of corporate memberships had been increased slightly in the last two years as a result of IWA's continuous marketing efforts but the number of individual membership had dropped. The Chairman welcomed members' suggestions on this subject and asked the Executive Committee to keep this matter in view.

Co-opted  
Members

**(7) Date of Next Meeting**

There being no other businesses, the meeting ended at 7:00 p.m. The next IWAHK General Meeting would be held before March 2013 according to the Constitution. Details would be announced later.