

Advisory Committee on Water Resources and Quality of Water Supplies
Minutes of Meeting No. 6

Date: 26 June 2015 (Friday)

Time: 2:30 p.m.

Venue: Conference Room, Water Supplies Department, 48/F, Immigration Tower,
7 Gloucester Road, Wan Chai, Hong Kong

Present

Dr CHAN Hon Fai	Chairman
Mr LAM Tin Sing, Enoch	Vice-Chairman (Water Supplies Department)
Dr CHEUNG Yun Hing, Richard	Member
Mr LAU Yuet Fan, Ivan	Member
Dr MAN Chi Sum	Member
Prof CHAN Lung Sang	Member
Mr YEUNG Wai Sing	Member
Sr WONG Bay	Member
Mr CHIK Wai Keung	Member
Dr WONG Siu Wing, Eric	Member
Mr WONG Siu Wai, Kenny	Member
Ms SO Yee Ching, Phyllis	Member
Mr CHAN Kwok Wai	Member
Mr CHENG Man Chung, Daniel	Member
Mr VY Ek Chin	Member's Representative (Development Bureau)
Mr YU Man Fung	Member's Representative (Food and Environmental Hygiene Department)
Dr NG Kwok Po, Eddy	Member's Representative (Department of Health)
Mr WONG Kwok Fai, Alfred	Secretary (Water Supplies Department)

Water Supplies Department Representatives in Attendance

Mr LAM Ching Man	Assistant Director, Water Supplies Department
Mr CHAN Kin Man	Chief Chemist, Water Supplies Department
Mr LAM Shing Tim	Senior Engineer, Water Supplies Department
Mr CHAN Tak Yeung, Thomas	Senior Engineer, Water Supplies Department
Mr WONG Man Kei, David	Senior Engineer, Water Supplies Department
Mr CHAN Sai Kit, Eric	Senior Engineer, Water Supplies Department
Mr PANG Kwok Fan, Gabriel	Senior Engineer, Water Supplies Department
Ms WONG Nam Ping, Melody	Senior Engineer, Water Supplies Department (Ag.)
Mr LEE Kwun Chung, Johnson	Engineer, Water Supplies Department
Mr FONG Kai Leung, Joe	Engineer, Water Supplies Department (Notes Taker)

Absent with Apologies

Prof CHAU Kwai Cheong	Member
Dr LEE Ka Yan, David	Member
Prof LO Man Chi, Irene	Member
Ms LAU Pui Yuk	Member
Ms TONG Po Chun	Member
Ms LI Chun Chau	Member
Dr LAU Wai Neng, Michael	Member
Ms LAU Mei Lo	Member
Mr MAK Shing Cheung, Vincent	Member (Development Bureau)
Mr WONG Tak Wai, David	Member (Environmental Protection Department)
Mr CHAN Siu Tack	Member (Housing Department)
Dr CHING Cheuk Tuen, Regina	Member (Department of Health)
Mr FORK Ping Lam	Member (Food and Environmental Hygiene Department)

Item

Opening Remarks

- 1.1 The Chairman welcomed all Members and representatives of Water Supplies Department (WSD) to the 6th Meeting of the Advisory Committee on Water Resources and Quality of Water Supplies (the Advisory Committee).
- 1.2 The Chairman informed the meeting that Ms TONG Po Chun, Prof CHAU Kwai Cheong, Dr LEE Ka Yan, David, Prof LO Man Chi, Irene, Dr LAU Wai Neng, Michael, Ms LI Chun Chau, Ms LAU Pui Yuk, Ms LAU Mei Lo, Mr WONG Tak Wai, David of Environmental Protection Department and Mr CHAN Siu Tack of Housing Department had sent in their apologies for not being able to attend the meeting.
- 1.3 The Chairman informed the meeting that Mr MAK Shing Cheung, Vincent of Development Bureau, Dr CHING Cheuk Tuen, Regina of Department of Health and Mr FORK Ping Lam of Food and Environmental Hygiene Department could not attend the meeting and were represented by Mr VY Ek Chin, Dr NG Kwok Po, Eddy and Mr YU Man Fung respectively.
- 1.4 The Chairman extended his welcome to the representatives of WSD for attending the meeting, in particular Mr LAM Ching Man who took over the duties of Mr MAK Shing Cheung, Vincent as Assistant Director/Development of WSD.

Agenda Items

Confirmation of the Minutes of the 5th Meeting held on 18 September 2014

- 2.1** The Chairman said that the revised minutes of the 5th Meeting had been circulated to Members for comment on 27 March 2015 and no further comments were received before the meeting. There being no further amendment proposed at the meeting, the Chairman announced that the latest draft minutes of the 5th Meeting were confirmed.

Matters Arising

3 Quality of Water in Buildings

- 3.1** The Chairman invited Mr CHAN Sai Kit, Eric of WSD to report the follow-up action of the suggestions to the schemes raised in the last meeting and the progress of the new schemes “Quality Water Supply Schemes for Buildings – Fresh Water and Flushing Water” (「大廈優質供水認可計劃－食水及沖廁水」).
- 3.2** Mr CHAN Sai Kit, Eric reported that both schemes were re-titled in March 2015, and amendments of associated materials and documents had been completed. Regarding the aspect of inspection of the internal plumbing systems by qualified persons, the re-titled schemes provided an alternative in which the applicants could submit information/documents to demonstrate the buildings under application were administered by a robust maintenance system. Mr CHAN also reported that the number of valid certificates for “Quality Water Supply Schemes for Buildings – Fresh Water” and “Quality Water Supply Schemes for Buildings – Flushing Water” increased to 4,036 and 1,290 respectively as of early June 2015, with the no. of households enjoying the schemes of about 1.14 and 0.27 million respectively.

4 Publication of Water Quality Data

- 4.1** The Chairman invited Mr CHAN Kin Man of WSD to report the progress on the publication of water quality data of Dongjiang water received in Hong Kong at Muk Wu Pumping Station and that of the drinking water supply in Hong Kong. Mr CHAN reported that updated water quality data for the Dongjiang water received at Muk Wu P/S and for the drinking water in Hong Kong were being uploaded to WSD’s website at a frequency of 2 times a year. Mr CHAN also reported that the WG on Publication of Water Quality Data had met on 9 October 2014 and 19 June 2015 since the last Advisory Committee Meeting and endorsed the water quality data for the periods from 1 October 2013 to 30 September 2014 and from 1 April 2014 to 31 March 2015 respectively, which had been uploaded to WSD’s website on 10 October 2014 and 24 June 2015 accordingly.

- 4.2** Mr CHAN Kin Man reported that the quality of both Dongjiang water and drinking water in the above said periods complied with the national standard set out for Type II waters in the “Environmental Quality Standards for Surface Water, GB3838-2002” as in the DJ Water Supply Agreement and the World Health Organization’s (WHO’s) “Guidelines for Drinking-water Quality, 2011” respectively.

5 Visit to Guangdong in 2014

- 5.1** The Chairman invited Mr LAM Ching Man of WSD to report the visit to Guangdong in 2014. Mr LAM reported that a delegation of the Advisory Committee comprising 9 non-official Members, 3 official Members and 5 other HKSAR Government officials conducted a 2-day visit to the Dongjiang Water Supply System during 13-14 October 2014.
- 5.2** Mr LAM Ching Man reported that the delegation had visited Xiacun Section of Dongjiang (東江蝦村段), Dongjiang River Basin Water Quantity and Quality Monitoring and Control Centre (東江流域水量水質監控中心), Taiyuan Pumping Station (太園泵站), Shima River Diversion Works (石馬河調污工程), Shawan River Sewage Interception Works (沙灣河污水截排工程), an earlier illegal pig farm at Dawang area (大望區非法養豬場) and Environmental Water Quality Monitoring Centre of Guangdong Yue Gang Water Supply Co Ltd. (粵港供水公司水環境監測中心).
- 5.3** Mr LAM Ching Man reported that upon returning to Hong Kong in the afternoon at the end of the visit, a press conference had been held at the Headquarters of the WSD. The press conference was chaired by the Chairman and attended by 5 Members, namely Mr LAU Yuet Fan, Ivan, Ms TONG Po Chun, Ms SO Yee Ching, Phyllis, Ms LI Chun Chau and Ms LAU Pui Yuk. They briefed the press on their observations during the 2-day visit and advised that the water quality of Dongjiang was satisfactory and appealed to the Hong Kong public to conserve water. A short video highlighting various parts of the visit was also shown in the press conference. With Members’ comments, the visit report was uploaded to the Advisory Committee’s website on 24 April 2015.

6 Use of Reclaimed Water

- 6.1** The Chairman invited Mr LAM Ching Man of WSD to brief Members on the progress of the use of reclaimed water. Mr LAM reported that the consultancy for developing financial and legal study frameworks for the supply of reclaimed water had started on 6 May 2015. The inaugural meeting of the consultancy study was held in May 2015 for discussion on the study approach and methodologies as well as the programme. The Inception Report was scheduled for circulation to stakeholders for comments in June

2015. Data collection and initial research on overseas experiences of reclaimed water supply were underway.

6.2 Mr LAM Ching Man also reported that an inter-departmental Steering Committee (SC) chaired by the Development Bureau (DEVB) would be set up and it would give direction on the use of reclaimed water in the territory and closely monitor the progress of implementing the related projects for supplying reclaimed water to NENT including Sheung Shui and Fanling. At present, WSD was seeking DEVB's endorsement on the proposed Terms of Reference and Membership of SC.

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6.3 Mr LAM Ching Man estimated that the supply of reclaimed water to NENT including Sheung Shui and Fanling would commence in phases starting from 2022. On the Chairman's enquiry on the programme duration, Mr LAM Tin Sing, Enoch explained that the programme had taken into account the time of population intake and the time required to make necessary legislative amendments to enable the supply of reclaimed water, conduct the associated financial study and provide infrastructure.

6.4 Mr CHENG Man Chung, Daniel asked if use of reclaimed water or recycled grey water could be implemented in small areas, like that already done by some developers instead of that proposed for the large area of NENT to reduce the scale of work and time for provision of infrastructure. Mr LAM Tin Sing, Enoch remarked that previous studies indicated that it may not be financially attractive to supply reclaimed water or recycled water on a small scale.

6.5 Sr WONG Bay supported the Government's proposal for re-use of recycled water. He added that it was also important to consider the feasibility for reduction of the amount of chloride ion in water to reduce its corrosive effect upon water mains and the nearby building structure, like that of salt water. The Chairman responded that chemicals may be used to neutralize the chloride ion concentration, as that done in some sewage treatment plants after using chlorine for disinfection but this mode of operation was expensive.

7 Water Conservation Campaign for Primary Schools

7.1 The Chairman invited Mr WONG Man Kei, David of WSD to brief Members on the progress of the water conservation campaign for primary schools. Mr WONG reported that -

- (a) A total of 60 roadshows had been conducted in primary schools from 1 September 2014 to 31 May 2015.
- (b) Water Conservation Ambassador Selection Scheme 2014/15 had been launched in February 2015. More than 50 schools joined the Scheme this year. A certificate presentation ceremony would be arranged in July.

- (c) The meeting of Working Group (WG) on Public Education had been held on 9 February 2015. Major public education activities held last year were reviewed and the plan for this year was briefly introduced.
- (d) Major Public Education activities planned to be arranged in 2015:
 - (i) Roving Exhibition to commemorate the 50th Anniversary of Dongjiang Water Supply to Hong Kong
 - (ii) Water Conservation Ambassadors Selection Scheme & Certificate Presentation Ceremony for Water Conservation Ambassadors
 - (iii) WSD/EMSD/BD Joint Department Public Seminar
 - (iv) WTW Open Day
 - (v) Media Briefing
 - (vi) Quality Water Supply Schemes for Buildings – Certificate Presentation Ceremony

7.2 On the Chairman's enquiry on the arrangement of media briefing, Mr LAM Tin Sing, Enoch remarked that the forthcoming media briefing would cover issues related to the completion of the R&R works, reduction of leakage rate in supply network, issues of interest to media like water conservation and the use of new water resources of desalinated and reclaimed water. Media briefing would more appropriately be carried out on a need basis, rather than on a regular basis.

8 The Hong Kong Voluntary Water Efficiency Labelling Scheme (WELS)

8.1 The Chairman invited Mr LAM Ching Man of WSD to report progress of the implementation of the WELS. Mr LAM reported that WSD had been implementing a voluntary WELS in phases to inform consumers of the water consumption level and efficiency rating of various types of plumbing fixtures and appliances so as to facilitate them to make their purchasing decision. Mr LAM also reported that 207 nos. showers for bathing, 151 nos. water taps, 319 nos. washing machines, 31 nos. urinal equipment and 13 nos. flow controllers were registered under WELS as of early June 2015.

9 Working Group on Water Resources

9.1 The Chairman invited Mr PANG Kwok Fan, Gabriel of WSD to report the work of the WG on Water Resources. Mr PANG reported that the WG on Water Resources had conducted its 5th and 6th meetings on 21 November 2014 and 11 May 2015 respectively, and the key issues discussed in the WG meetings were as follows-

- (a) The Consultation Process of the Best Practice Guidelines for Water Efficiency on Non-domestic Water Consumption

- (b) EIA Study for Tseung Kwan O Desalination Plant
- (c) Review of Total Water Management Strategy (recommendations raised by some Members on the study were provided to the Consultant for follow-up)

10 Development of the desalination plant at Tseung Kwan O

10.1 The Chairman invited Mr LAM Shing Tim of WSD to update Members on the Tsang Kwan O desalination plant project. Mr LAM reported that the feasibility study for the construction of a desalination plant in Tseung Kwan O had been largely completed. The consultant submitted the EIA report to EPD for vetting. At the PWSC meeting held on 9 June, Members supported the funding proposal on the investigation study review, design and site investigation for the project. Subject to the approval by the LegCo Finance Committee, the consultancy for investigation, design and construction (IDC) would commence in late 2015. The desalination plant was targeted to be commissioned in 2020.

10.2 In respect of alternative methods in partly utilizing the brine concentrate from the desalination plant, Mr LAM Shing Tim reported that, as advised by the consultant, almost all overseas seawater desalination plants discharged the brine concentrate from desalination back to the sea, and through discharging via submerged sea outfall with diffusers, the impact to the marine environment would be minimal. Nevertheless, the consultant explored alternative methods of handling the brine concentrate, including (i) integration into seawater flushing system, (ii) deep well injection, (iii) exfiltration gallery, and (iv) evaporation pond, and identified various constraints correspondingly:-

- (a) corrosiveness of brine on water pipes (for integration into seawater flushing system)
- (b) unfavourable site conditions (for deep well injection, exfiltration gallery)
- (c) high land cost (for evaporation pond)
- (d) limited market for the outlet of the salt produced (for evaporation pond)

10.3 Mr LAM Shing Tim reported that in light of the above, the consultant considered that application of these alternative methods would not be applicable in Hong Kong. Nevertheless, small scale utilisation of the brine as appropriate would be further explored in the design stage.

10.4 With regard to the consultant's presentation to the WG on Water Resources, Mr LAM Shing Tim reported that the consultant had presented the project, key findings of EIA as well as preliminary design for the proposed desalination plant at the WG Meeting on Water Resources held on 21 November 2014. Members' views were taken into account at the EIA report and the design stage as appropriate.

- 10.5** In respect of the use of groundwater as water source for desalination plant, Mr LAM Shing Tim reported that, at the meeting of WG on Water Resource held on 21 November 2014, the consultant had reported the study findings of sub-surface intake amongst other types of intakes. Considering the constraints for the project, such as low hydraulic transmissivity of underground stratum, extensive footprint required and potential settlement arising from lowering of groundwater table, the consultant considered it not a favourable option and recommended to adopt offshore submerged intake.
- 10.6** The Chairman suggested retaining a small portion of salt from the desalination plant for distribution to visitors for educational purpose. Sr WONG Bay added that the education of the public could also cover the concept of green building since the desalination plant building would presumably be also a green building.
- 10.7** Prof CHAN Lung Sang asked if the water in the stratum below the seabed would also be utilised for the desalination plant as salinity of such water was stable and less than that of seawater. This could achieve saving in the operational costs of the plant as done in some overseas desalination plants. Mr LAM Shing Tim responded that the consultant's study revealed that such intake system was not suitable to the plant due to the limited yield. Mr LAM Tin Sing, Enoch remarked that this matter could be further studied during the next stage of the desalination plant.
- 10.8** Mr CHENG Man Chung, Daniel supported Prof CHAN Lung Sang's proposal and it was worthwhile to have a further study on this subject as the proposal would help reduction of both the operational costs and discharge of the brine concentrate.

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11 Other major water conservation activities by WSD

- 11.1** The Chairman invited Mr CHAN Tak Yeung, Thomas of WSD to update Members on the development of Best Practice Guidelines for water efficiency on non-domestic consumption under the WG on Water Resource. Mr CHAN reported that the trade practitioners would be directly consulted by way of distributing a best practice guidelines leaflet and carrying out a questionnaire survey. Leaflets and questionnaires would be sent out by post to all practitioners in each trade. After returned questionnaires were analysed, trade associations' advice would be sought in light of the survey results with a view to finalizing the best practice guidelines. Tentative timing of the consultation process was as follows:-

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Catering: June to August 2015
Hotel: June to August 2015
Laundry: July to September 2015

The best practice guidelines were target for implementation in end 2015.

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12 Initiative of installing flow controllers at private housing estates

12.1 The Chairman invited Mr CHAN Tak Yeung, Thomas of WSD to report on the progress of the WG on Water Resources on the implementation of the initiative of installing flow controllers at private housing estates. Mr CHAN reported that a questionnaire survey had been conducted at Queen's Terrace (帝后華庭). As the response rate was low, just around 5%, with a mere 57 respondents out of the 1,148 households sent questionnaires, the survey results may not be representative of Queen's Terrace. However, they provided some idea of households' views on the usefulness of flow controllers in helping to save water and it was quite reassuring to note that out of the 57 respondents, 49 (86%) agreed that the pilot scheme could raise households' awareness of water conservation. WSD was currently in the process of collecting customers' consumption data for further analysis of effectiveness of the scheme.

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12.2 Mr CHAN Tak Yeung, Thomas reported that arrangements were being made to shoot a video on the water conservation benefits of flow controllers. The video would include footage of an interview with the chairman of the estate's Owners' Corporation, which was being scheduled for a Saturday in late June / early July.

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12.3 Mr CHAN Tak Yeung, Thomas also advised that the project for installing flow controllers at 16 selected public rental housing estates had gone well. A total of 24,190 (96.8% of target) households were installed with flow controllers at their water taps and/or showerheads.

12.4 Further to the success of the above said project, Mr CHAN Tak Yeung, Thomas reported that WSD was considering extending the flow controller installation works to all public rental housing estates. However, WSD had plans in hand to proceed to liaise with Housing Department on flow controller installation works in an initial further 15 public rental housing estates across 15 Districts (one in each District except for Wan Chai and Yau Tsim Mong Districts where there were no public housing estates, and Western & Central District where the only public housing estate had been planned for redevelopment) for commencement on site in August 2015 tentatively.

WSD

12.5 The Chairman was concerned with the saving of water achieved after installation of flow controllers. Mr CHAN Tak Yeung, Thomas responded that it was difficult to ensure that the flow controllers distributed to private housing had all been installed. The effect of saving was more obvious for public housing estates with preliminary results indicating top saving of about 10 litre/head/day.

12.6 Mr CHAN Tak Yeung, Thomas added that flow controllers were also distributed to some schools, clubs, universities and their dormitories for installation. Mr CHENG Man Chung, Daniel suggested installation of flow

controllers in more control environment like schools and Jockey Club to gauge the saving achieved. Mr CHENG also suggested taking follow-up action, e.g. educational and promotional talks, after distribution of flow controllers to educate and encourage people in the more use of the controllers.

12.7 Sr WONG Bay suggested including water pressure management into Building Management System (BMS) for green buildings, like that for electricity.

12.8 Mr WONG Siu Wai, Kenny suggested installation of flow controllers also for non-domestic use in buildings. Mr LAM Tin Sing, Enoch responded that flow controllers would also be installed in government non-domestic buildings.

13 Water conservation forum for hotel and catering industries

13.1 The Chairman invited Mr WONG Man Kei, David of WSD to brief Members about the progress of the WG on Public Education on the preparation of holding the public forum. Mr WONG reported the Water Conservation Forum for Hotel and Catering Industries had been held on 25 November 2014 in Science Museum with around 200 participants.

Enhanced measures to strengthen management of inside services

14.1 The Chairman invited Mr LEE Kwun Chung, Johnson of WSD to introduce the proposal on the enhanced measures to strengthen management of inside services. Mr LEE reported the following:-

(a) According to Waterworks Ordinance, the property management agents or the registered communal service agents were responsible for repair and maintenance of the water mains and other associated water supply facilities in the private streets and communal areas within private housing estates (i.e. inside services).

(b) To strengthen the management of leaks and bursts in private water mains, WSD would implement the following measures:-

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- (i) close monitoring of water consumption of housing estates;
- (ii) timely handling of leaks and bursts of water mains; and
- (iii) close liaison with relevant parties on repair works

(c) To enhance awareness of proper maintenance and minimising leaks in underground private water mains, WSD planned to:

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- (i) extend the scope of the existing “Quality Water Supply Schemes for Buildings – Fresh Water and Flushing Water” by formulating a new scheme to cover leak detection of the underground private

water pipes. It was proposed that buildings fulfilling the stipulated requirements would be awarded certificates. Pilot trials of leak detection would be conducted on selected government buildings/facilities and public housing estates, and be extended to other buildings later;

- (ii) revisit and enhance WSD's current publications by emphasising maintenance responsibilities of inside service and incorporating common practices of leak detection of underground pipes; and
 - (iii) include promotion of water loss management in inside service as one of the major themes in the coming Water Conservation Week.
- (d) Details of the proposed new scheme would be discussed in the coming meetings of the WG on Quality of Water in Buildings.

14.2 Mr LAM Tin Sing, Enoch commented that leakage could be a problem for aged underground inside service of private housing estates. It was considered that promotion of the general awareness of private owners/property management agents in this regard and provision of training for personnel on leakage detection of underground water mains would help to improve the situation.

14.3 Sr WONG Bay suggested WSD to also approach Housing Department for their participation in the above scheme.

Mandatory use of WELS products

15.1 The Chairman invited Mr LEE Kwun Chung, Johnson of WSD to brief Members on the proposal of the mandatory use of WELS products. Mr LEE reported the following:-

- (a) Since 2009, the WSD had developed a voluntary WELS covering different types of plumbing fixtures and water-consuming appliances, which currently covered showers for bathing, water taps, washing machines, urinal equipment and flow controllers.
- (b) In view of the voluntary nature, the participation rate and thus the penetration rate in WELS were low despite various promotional efforts. To step up the gear in water conservation, the use of the WELS products should be further promoted by mandating the scheme.
- (c) The above proposal was proposed to be implemented in stages as follows:-
 - (i) Stage 1 – Mandating the use of WELS products of showers for bathing, water taps and urinal equipment for new buildings and

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buildings under major renovation, through the amendments of “The Hong Kong Waterworks Standard Requirements for Plumbing Installation in Buildings” and issuance of the WSD Circular Letters, which would be launched in the 1st Quarter of 2016 tentatively.

- (ii) Stage 2 – Mandating WELS through legislation, which would be launched in 2021 tentatively.

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- (d) A Business Compliance Cost review to assess the compliance and administrative burden in complying with the specified requirements under WELS was currently conducted by the Economic Analysis and Business Facilitation Unit. Afterwards, consultations with relevant stakeholders would commence.

Visit to Guangdong in 2015

- 16.1** The Chairman invited Mr LAM Ching Man of WSD to brief Members on the proposed annual visit to Guangdong in 2015. Mr LAM reported that the annual visit was scheduled to be held in end 2015, and invited Members to discuss about the arrangement, duration of 2-day or 3-day and spots of the visit. A table showing the waterworks installations and facilities visited by the ACQWS/ACRQWS during the annual DJ visits since 2008 was shown in the meeting for Members’ information.

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- 16.2** The Chairman was concerned with the discharge of water from Shawan River (沙灣河) directly into Shenzhen Reservoir in times of heavy rain, affecting the quality of water delivered to Hong Kong. To raise our concern, the Chairman suggested WSD to arrange for a forum for attendance of the Advisory Committee Members for discussion with the GD authorities on ways to deal with this problem.

- 16.3** Mr WONG Kwok Fai, Alfred of WSD responded that a notification mechanism was established between GD and HK whenever there were overflows from Shawan River into Shenzhen Reservoir and the request for a forum would also be followed up in the meetings to be held with GD.

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- 16.4** Mr CHAN Kin Man of WSD reported that based on the previous experience when overflows of Shawan River occurred, the effect was more on the E. Coli but caused little effect upon the treatment process and all water met our standards after treatment.

Water Conservation Week

- 17.1** The Chairman invited Mr CHAN Tak Yeung, Thomas of WSD to report the progress of the “Water Conservation Week 2015” (WCW). Mr CHAN reported that it would be held from 20 to 26 November 2015 at the Jockey Club Innovation Tower of the Hong Kong Polytechnic University. It would comprise a host of activities such as exhibitions, forums, workshops, games, guided tours, ceremonies, award presentations and performances. Different themes assigned to each day for strategic communications were as follows:-

Day 1: 啟動日 – 全城節水齊起動

Day 2: 公眾 – 珍惜點滴·我做得到

Day 3: 綠色團體、青少年及公眾 – 環保聯盟·共創節水香港

Day 4: 商界 – 商界節水零浪費

Day 5: 小學 – 節水校園·由你做起

Day 6: 物業管理 – 大廈優質供水認可計劃

Day 7: 公眾 – 珍惜點滴·我做得到

- 17.2** Mr CHAN Tak Yeung, Thomas reported that the Advisory Committee was a co-organiser of the WCW and the Organising Committee held their first meeting on 3 March 2015 and scheduled for a second meeting on 30 June 2015. Sub-group meetings with the green, school and trade working groups were held in March, April and June 2015 respectively. Procurement of service contracts for organizing different components of the WCW was in progress.

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- 17.3** In regard to promotion of the Integrated Education Programme on Water Conservation (IEP) 「節約用水整合式教育計劃」 on Day 5 of the WCW, Mr CHAN Tak Yeung, Thomas reported that the IEP would include development of a tailor-made education kit for primary school studies to facilitate pupils' in-depth learning on water conservation. Mr CHAN also reported that production of the IEP education kit had been substantially completed and training workshops to teaching staff had been conducted on 10 – 12 June 2015. The IEP would be implemented in the academic year 2015/16.

Any Other Business

18 Visit of facilities to be arranged for the Advisory Committee Members

- 18.1** Mr LAM Ching Man of WSD reported that the proposal of the visit would be arranged for the Advisory Committee Members. The visit was scheduled to be held in end 2015 and the following 2 options were proposed for Members' consideration:-

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(a) Option (1) – Visit to WSD's Tai Po Water Treatment Works

Members would visit WSD's zebrafish biosensing system on monitoring of

freshwater quality and the freshwater treatment technology.

(b) Option (2) – Visit to dish cleaning industry

Members were proposed to visit dish cleaning industry so as to get familiar with the daily operation and the water conservation measures of this major water consumption industry in Hong Kong.

In view of that Members' interest in both of the above options, Mr LAM would arrange the visits of the two options for Members.

19 Engagement of the Advisory Committee Members on promoting water conservation and water resource strategy

- 19.1** Mr LAM Ching Man of WSD reported that the Chairman had submitted a letter to editor / article to a local newspaper in respect of water resource management and our Member, Dr CHEUNG Yun Hing, Richard also attended a TV interview related to the Dongjiang water supply to HK and HK's water resource management. Mr LAM said that WSD considered that such promotion work done by Members in the media and TV would have positive impact to WSD's promotion activities and WSD was considering to adopt such approaches if opportunity arose. Mr LAM appealed Members' supports in writing articles or attending TV interviews with a view to seeking the public support to WSD's water resource strategy.

20 Presentations on recent LegCo Research Brief on "Water Resources in Hong Kong" and on reservoir overflow

- 20.1** Mr WONG Kwok Fai, Alfred and Mr FONG Kai Leung, Joe both of WSD gave presentations respectively on the recent LegCo Research Brief on "Water Resources in Hong Kong" and on reservoir overflow.