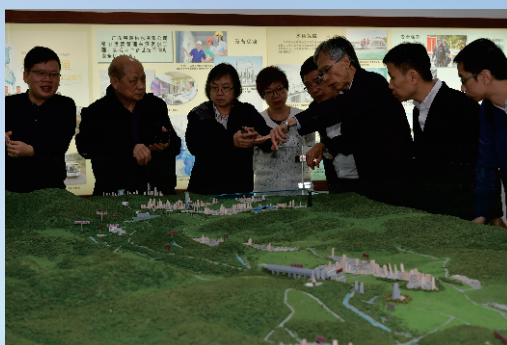


Report No. 19

Visit to Dongjiang Water Supply System (21 – 22 November 2017)



Advisory Committee on Water Supplies

Advisory Committee on Water Supplies
Report No. 19 – Visit to Dongjiang Water Supply System
(21 – 22 November 2017)

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SECTION A - INTRODUCTION

Visit to the Dongjiang Water Supply System (東江供水系統) has been conducted annually by the members of the Advisory Committee on Water Supplies (ACWS) and its predecessors, the Advisory Committee on Water Resources and Quality of Water Supplies and Advisory Committee on the Quality of Water Supplies. Through the annual visits, ACWS members can be updated on the work by the Guangdong (GD) Authorities in protecting the quality of water in Dongjiang and have the opportunity of direct dialogue with the officials (see details at **Annex 1**) on any follow up enquiries about the Dongjiang water quality. In 2017, a delegation led by the Chairman, Dr CHAN Hon Fai and the Vice-Chairman, Mr LAM Tin Sing, Enoch, with five non-official members, four official members and seven other HKSAR Government officials (see details at **Annex 2**) conducted a 2-day visit to the Dongjiang Water Supply System during 21 – 22 November 2017. The itinerary of the visit is appended at **Annex 3**.

SECTION B – THE VISIT

2. On arrival at Heyuan (河源) on the first day (21 November 2017), the delegation began the visit at the Po Qian River (埔前河) to understand the implementation of the “River Chiefs System” (河長制). Under the System, a local senior government officer is assigned to be the “River Chief” (河長) of a section of



the river according to the geographical area under the jurisdiction of the local government. The River Chief is mainly responsible for the water resources protection, water pollution prevention and the associated enforcement action to protect the section of the river under his jurisdiction. The delegation had a fruitful discussion with the officials from the Department of Water Resources of Guangdong Province (DWRGP) (廣東省水利廳), Heyuan Municipal People's Government (HMPG) (河源市政府) and Heyuan Water Authority (HWA) (河源市水務局) on the protection and management of water resources for the section of Dongjiang in Heyuan. The delegation was pleased with HMPG's effort in protecting the water quality of Dongjiang through the implementation of the "River Chiefs System".

3. After finishing the visit at the Po Qian River, the delegation went to Dongguan to visit the Taiyuan Pumping Station (太園泵站) and arrived there in late afternoon.

4. Taiyuan Pumping Station has a designed capacity of 100 cubic metres per second (m^3/s) and a pump head of 11 metres (m). It is the point where the Dongjiang water is abstracted and then conveyed through the Dedicated Aqueduct to Shenzhen Reservoir before importing to Hong Kong. The delegation was shown the model of the Dongjiang-Shenzhen Water Supply System in the pumping station and briefed on the alignment and operation of the Dedicated Aqueduct. The delegation noted that the intake point of Dongjiang water for supplying to Hong Kong is at about 350 m upstream of the junction of the Shima River and Dongjiang and the polluted water if any in Shima River is prevented from entering the intake point by means of a fabridam.



5. In the morning of second day (22 November 2017), the delegation visited the site of the Integrated Improvement Works for the Water Environment of Shawan River (沙灣河水環境綜合整治工程) and Shawan River Sewage Interception Works (沙灣河污水截排工程) in Shenzhen which is located at the downstream of the Shawan River (沙灣河) and upstream of the Shenzhen Reservoir (深圳水庫). The delegation noted that with the completion of the Shawan River Sewage Interception Works, the polluted low flow of Shawan River has been diverted away from the Shenzhen Reservoir to the Luofang Wastewater Treatment Plant (羅芳污水處理廠) for treatment before discharging into the Liantang (蓮塘) River. The interception works can protect the water quality of Shenzhen Reservoir and safeguard the water supply to Shenzhen and Hong Kong. As for the Integrated Improvement Works for the Water Environment of Shawan River, they are intended to enhance the protection against flooding from Shawan River and to enhance the collection and treatment of sewage from neighboring and catchment areas of Shawan River and thus quality of discharge into the Shawan River so as to protect the water quality of Shenzhen Reservoir in case of flood release to Shenzhen Reservoir from the river during very severe rainstorms. The integrated improvement works mainly comprise desilting of tributaries of Shawan River, laying of sewers and expansion of sewage treatment works. The delegation noted that the integrated improvement works were progressing satisfactorily and the quality of Dongjiang water supplied to Hong Kong would be further secured upon the completion of the works.

6. Before the end of the trip, the delegation went to the 110 Command Centre of the Dongshen Branch of the Shenzhen Public Security Bureau (東深公安分局 110 指揮中心), which monitors the Dedicated Aqueduct and Shenzhen Reservoir via an



all-around all-weather remote video network. The delegation was briefed on the security measures adopted for the protection of the Dedicated Aqueduct and the Shenzhen Reservoir. The delegates learned that the centre played an important role in safeguarding the supply of Dongjiang water to Hong Kong.

SECTION C – PRESS CONFERENCE

7. To conclude the visit of the Dongjiang Water Supply System, the Chairman, Dr CHAN Hon Fai with five members, namely Prof WONG Wing Tak, Dr WONG Siu Wing, Eric, Mr LAU Yuet Fan, Ms WONG Pik Kiu and Mr YEUNG Wai Sing held a press conference in WSD headquarters upon returning to Hong Kong. The press conference started with a briefing by the Chairman summarizing the observations in the visit with the aid of a photo slideshow. Other members also shared their observations in the visit. They were of the view that the quality of Dongjiang water was satisfactory and they were impressed by the implementation of “River Chiefs System”, which would further protect the quality of Dongjiang water. They also appealed to the public of Hong Kong to conserve the precious water resources.

SECTION D – CONCLUSION

8. The delegation considered the visit very successful and fruitful and they learned about the latest development of the work of the GD Authorities in protecting the quality of Dongjiang water. They were thankful to the WSD, the officials of the DWRGP (廣東省水利廳) and the executives of the Guangdong Yue Gang Water Supply Co Ltd (廣東粵港供水有限公司) for arranging the visit for them. They



appreciated the opportunity to have direct dialogue with officials of GD Authorities on the quality of Dongjiang water.

9. The delegation was grateful for the commitment and efforts made by the GD Authorities in maintaining a reliable Dongjiang water supply to Hong Kong in full compliance with the required water quality standards despite the increasing demand for Dongjiang water in the GD cities to cope with their economic growth.

10. The delegation considered that the visit should continue to be arranged for members of the ACWS in future so that they can monitor the Dongjiang water quality and keep abreast of the latest development of the work in protecting the quality of Dongjiang water by the GD Authorities.



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ANNEXURE

Annex 1	List of Major Guangdong Officials Met
Annex 2	List of Participants
Annex 3	Itinerary

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List of Major Guangdong Officials Met

1	廣東省水利廳 Department of Water Resources of Guangdong Province	副廳長	蔡澤輝先生
2		供水總局局長	周德蛟先生
3	河源市水務局 Heyuan Water Authority	副局長	賴壽雄先生
4	深圳市水務局 Shenzhen Water Authority	副局長	段洪雷先生
5		水資源處處長	羅宜兵先生
6	粵港供水有限公司 Guangdong Yue Gang Water Supply Company Limited	董事長	徐葉琴先生
7		副總經理	李冬平先生

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List of Participants

姓名 Name		職銜 Title
水務諮詢委員會 ACWS		
1	陳漢輝博士 Dr CHAN Hon Fai	主席 Chairman
2	林天星先生 Mr LAM Tin Sing, Enoch	副主席 Vice-Chairman
3	黃永德教授 Prof WONG Wing Tak	委員 Member
4	黃兆榮博士 Dr WONG Siu Wing, Eric	委員 Member
5	劉乙凡先生 Mr LAU Yuet Fan, Ivan	委員 Member
6	黃碧嬌女士 Ms WONG Pik Kiu	委員 Member
7	楊位醒先生 Mr YEUNG Wai Sing	委員 Member
8	陳禧棧先生 Mr CHAN Hei Yim, Leo	委員代表 Member's Representative
9	程卓端醫生 Dr CHING Cheuk Tuen, Regina	委員 Member
10	霍炳林先生 Mr FORK Ping Lam	委員 Member
11	葉哲奇先生 Mr IP Chit Ki	秘書 Secretary

其他 Others		
12	周世威先生 Mr CHAU Sai Wai	水務署助理署長 Assistant Director, Water Supplies Department
13	曾頌文先生 Mr TSANG Chung Man, Alex	水務署高級工程師 Senior Engineer, Water Supplies Department
14	鄧慧儀女士 Ms TAN Wai Yee, Carol	水務署高級新聞主任 Senior Information Officer, Water Supplies Department
15	王佩玲女士 Ms WANG Pui Ling, Alan	水務署水務化驗師 Chemist, Water Supplies Department
16	鍾錦山先生 Mr CHUNG Kam Shan, Samuel	水務署電機工程師 Electronic Engineer, Water Supplies Department
17	李鼎倫先生 Mr LI Ting Lun	水務署機械工程師 Mechanical Engineer, Water Supplies Department
18	楊陽先生 Mr YEUNG Yeung Ming	政府新聞處攝影師 Photographer, Information Services Department

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Itinerary

Day 1 (21 November 2017, Tuesday)

08:15 Depart Hung Hom Station
12:30 Arrive at Heyuan (河源)
12:30 Visit Po Qian River (埔前河) on “River Chiefs System” (河長制)
13:45 Lunch
14:45 Depart Heyuan (河源)
16:15 Visit Taiyuan Pumping Station (太園泵站)
17:15 Depart Taiyuan Pumping Station (太園泵站)
18:30 Arrive at Dongguan (東莞)
19:00 Dinner

Day 2 (22 November 2017, Wednesday)

08:30 Depart Dongguan (東莞)
09:30 Visit Integrated Improvement Works for the Water Environment of Shawan River (沙灣河水環境綜合整治工程) and Shawan River Sewage Interception Works in Shenzhen (深圳市沙灣河污水截排工程)
11:00 Visit 110 Command Centre of the Dongshen Branch of the Shenzhen Public Security Bureau (東深公安分局110指揮中心參觀)
12:00 Lunch
13:30 Return to Hong Kong via Lo Wu
16:00 Convene a press conference at WSD Headquarters, Immigration Tower

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ROUTE OF VISIT



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PHOTOS



Photo 1 – Briefing at Po Qian River on implementation of the “River Chiefs System”



Photo 2 – The delegation at Po Qian River



Photo 3 – The delegation at Po Qian River



Photo 4 – The delegation at Taiyuan Pumping Station



Photo 5 – The delegation at Taiyuan Pumping Station



Photo 6 – The delegation at Taiyuan Pumping Station



Photo 7 – The delegation at Integrated Improvement Works for the Water Environment of Shawan River

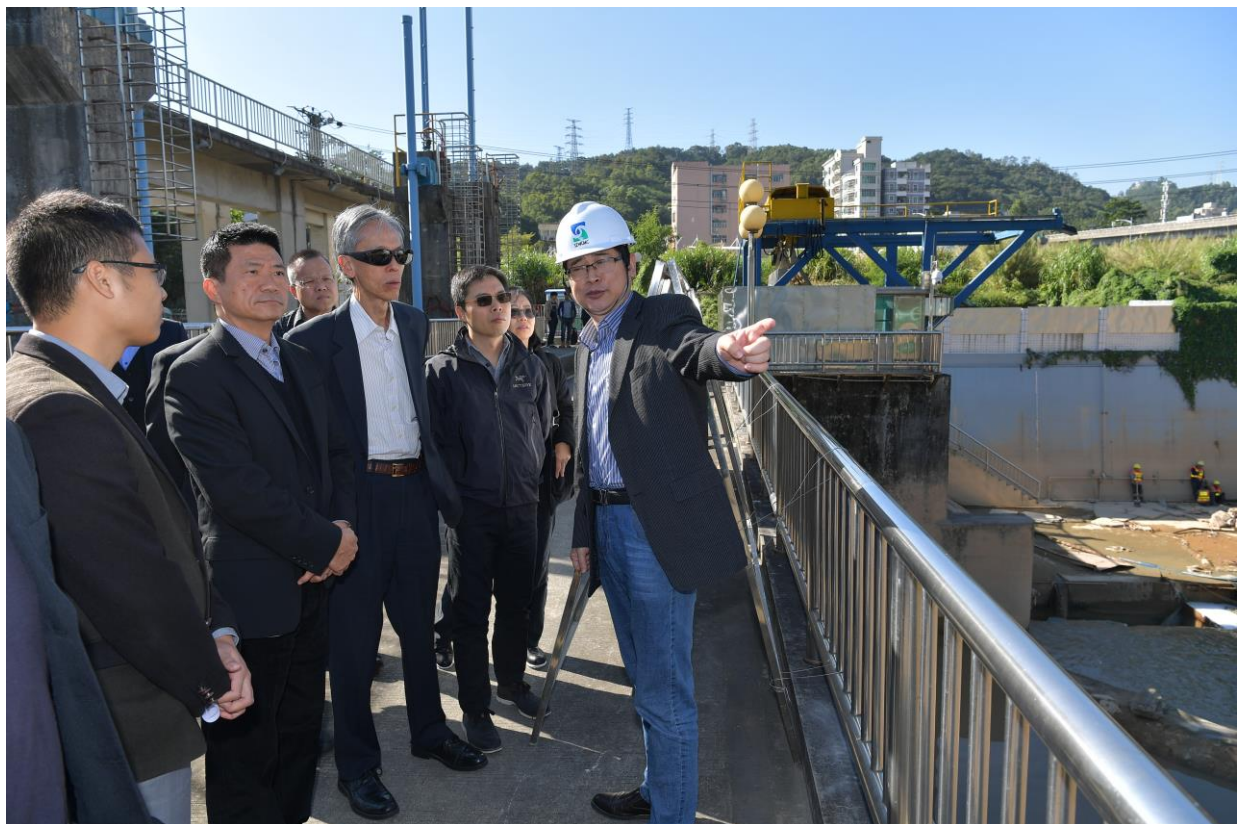


Photo 8 – The delegation at Integrated Improvement Works for the Water Environment of Shawan River



Photo 9 – The delegation at Integrated Improvement Works for the Water Environment of Shawan River



Photo 10 – The delegation at 110 Command Centre of the Dongshen Branch of the Shenzhen Public Security Bureau



Photo 11 – The delegation at 110 Command Centre of the Dongshen Branch of the Shenzhen Public Security Bureau



Photo 12 – The delegation at 110 Command Centre of the Dongshen Branch of the Shenzhen Public Security Bureau



Photo 13 – The press conference



Photo 14 – The press conference

