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Replies to initial written questions raised by Finance Committee Members in examining the Estimates of Expenditure 2018-19

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CONTROLLING OFFICER'S REPLY

(Question Serial No.1587)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Will the Administration inform this Committee of the staff establishment, expenditure on emoluments and operational expenses under this Programme for 2018-19? As regards the steering of the planning and engineering studies on reclamation at Sunny Bay, Ma Liu Shui and Lung Kwu Tan mentioned in Matters Requiring Special Attention in 2018–19, what are the staff establishment and expenditure on emoluments for 2018-19?

Asked by: Hon CHAN Chi-chuen (Member Question No. (LegCo use): 11)

Reply:

In 2018-19, the provision for operational expenses under Programme (5) Intra-Governmental Services is $302 million, comprising personal emoluments ($159 million), personnel related expenses ($6 million), departmental expenses ($135 million) and other charges ($2 million). The estimated establishment for 31 March 2019 under that programme is 176.

Officers responsible for steering the planning and engineering studies on reclamation at Sunny Bay, Ma Liu Shui and Lung Kwu Tan perform their work as part of their overall duties. There is no separate breakdown showing the staff establishment or expenditure on emoluments.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0573)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention under Programme (1) that the Works Branch will set up a dedicated team for overseeing the performance of the Water Supplies Department on water safety aspect as well as the related consultancy studies with a view to establishing a suitable water safety regime in Hong Kong. In this connection, please inform this Committee of:

(1) the estimated expenditure and manpower arrangements for the dedicated team; and

(2) the specific measures to be taken in its work, their timetables and performance targets.

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 13)

Reply:

(1) The proposed dedicated team will be led by a Principal Government Engineer (PGE), the post of which is yet to be created. Subject to approval of the Finance Committee of the Legislative Council, we plan to create the proposed PGE post in 2018-19. The PGE will be supported by five non-directorate civil servants and contract staff of professional and general grades. The estimated annual expenditure for remunerating the dedicated team is about $8.5 million including the proposed PGE post. Subject to further development of the regulatory regime stated in paragraph (2) below, we will review the final set-up of the dedicated team in due course.

(2) The Government attaches great importance to ensuring drinking water safety. The dedicated team will monitor the performance of the Water Supplies Department (WSD) over drinking water safety in an independent manner. The dedicated team will carry out its own regular audits and surprise checks, and arrange additional external audits through engaging independent auditing firms, as and when necessary, on WSD's quality system for supplying potable water. The team will also conduct a detailed study on a suitable drinking water safety

regulatory regime for Hong Kong. It is expected that the detailed study will take 18 months to complete.

The Government set up the Drinking Water Safety Advisory Committee (the Committee) in January 2018 with members comprising academics and experts of related fields to give impartial advice to the Development Bureau on various drinking water safety issues. In addition to providing secretariat support to the operation of the Committee, the dedicated team will seek advice from the Committee, among other issues, on the formulation of the drinking water safety regulatory regime.

From time to time, the dedicated team will also liaise with WSD, experts of different sectors and relevant government bureaux and departments on various drinking water safety issues.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0574)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention under Programme (3) that the Works Branch will continue to oversee the effective implementation of the tree risk management arrangements within the Government and the development of a database of problematic trees. In this connection, please inform this Committee of:

(1) the estimated timetable for the development of the database; and

(2) the estimated expenditure and manpower resources involved.

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 14)

Reply:

1) The Tree Register database was set up in 2010 and has been in operation since then. It provides information to the public on important trees that require regular monitoring. We will continue to update the database, and improve its format to highlight the descriptions of tree problems, which will be completed by 2019.

2) Reviewing tree risk management arrangements within the Government and maintaining the Tree Register database are part of the normal duties of the staff of the Greening, Landscape and Tree Management Section. These tasks will continue to be undertaken by existing staff and no additional expenditure will be incurred in 2018-19.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0575)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): (000) Operational expenses

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention under Programme (4) that the Works Branch will continue to carry out the smart city consultancy and proof-of-concept trials, and facilitate different sectors to use Kowloon East as a test bed to explore the feasibility of developing a smart city. In this connection, please inform this Committee of:

(1) the timetables for the consultancy and trials;

(2) the measures to facilitate different sectors to use Kowloon East as a test bed; and

(3) the estimated expenditure and manpower resources involved.

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 15)

Reply:

(1) & (3) The Energizing Kowloon East Office (EKEO) commissioned a consultancy study to explore smart city development in Kowloon East (KE) in February 2016. The Stage 1 public engagement (PE) exercise was completed in January 2017 and the Stage 2 PE exercise is scheduled for the third quarter of 2018. The study is targeted for completion by end 2018 at a cost of approximately $7.8 million. Among other recommendations, the study has proposed eight proof of concept (PoC) trials for implementation in Kowloon East. Existing manpower resources are deployed to manage the study and the PoC trials. The timetables and expenditures of the PoC trials are as follows:

	PoC Trial	**Timetable**	**Expenditure ($ million)**
Completed			
1	Smart Crowd Management System	Completed in May 2017	0.35 (Actual)
2	Persona and Preference-based Way-finding for Pedestrians	Completed in first quarter of 2018	1.26 (Actual)

	PoC Trial	Timetable	Expenditure ($ million)
Ongoing			
3	Energy Efficiency Data System	Commenced in September 2017 for completion in second quarter of 2019	1.63 (Estimate)
4	Kerbside Loading and Unloading Bay Monitoring System	Commenced in January 2018 for completion in second quarter of 2019	1.50 (Estimate)
PoC Trials under Preparation			
5	Multi-purpose Lamp Post	Target to commence in second quarter of 2018	Subject to finalisation of tender specifications
6	Smart Waste Bin System	Target to commence in second quarter of 2018	
7	Real-time Road Works Information	Target to commence in third quarter of 2018	
8	Illegal Parking Monitoring System	Target to commence in third quarter of 2018	

More details can be found in the https://www.ekeo.gov.hk/en/smart_city/index.html webpage.

(2) To create a knowledge-driven platform for co-creating a smart KE, EKEO encourages universities and research institutes to develop innovative smart city solutions and has provided policy support for smart city-related research projects using KE as a test bed in their funding applications. Five such research projects have already secured research funding from various sources and are ongoing. EKEO also facilitates CLP Power's smart energy community project which involves the installation of energy-saving devices for several developments in the Kai Tak Development Area.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2539)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention in 2018-19 under Programme (3) Greening, Landscape and Tree Management that the Government will, among other things, undertake further research and study the life-cycle planning and management of street trees as part of our urban forestry assets. Please inform this Committee of the following:

1. What are the amount and manpower involved in the study?

2. What are the details of the study? Will streets across the territory be divided into certain zones, which will then form the basis to determine the species of trees and flowers to be planted? If no, what are the reasons?

3. The Architectural Services Department will provide advice on the building and landscape issues in major government projects. Will the Government consolidate the planning for trees in various districts to highlight their distinctive characteristics? If yes, how will the work of the various departments be co-ordinated? If no, what are the reasons?

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 48)

Reply:

1. The Greening, Landscape and Tree Management Section (GLTMS) will commission a consultancy to conduct the further study, the estimated cost of which is $1.3 million. As consultancy management is part of the GLTMS's normal duties, no additional staff resources are required.

2. The further study will build on the street tree selection guide currently being finalised, which has categorised the streetscapes of Hong Kong into different street types according to road hierarchy, size, location of planting zones and the street environment (such as kerbside activities and interface conditions), and will provide a reference for selecting trees and complementary plant mixes suitable for different types of streets. The study will test the

practicability of planting selected species in corresponding street types with a view to developing a series of district and street-specific landscape plans.

3. The Architectural Services Department is the works agent for public facilities (such as parks, hospitals, government offices, etc.) and the maintenance agent for government properties. Landscape and greening considerations are integrated into the design and development of those facilities, having regard to site contexts, connectivity to the neighbourhood, functional requirements etc. As for tree planting in various districts, the Civil Engineering and Development Department draws up Greening Master Plans to define the overall landscape framework for various districts, with proposed themes and plant species for departments' consideration when carrying out planting work.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1961)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding local tree management, will the Government inform this Committee of the following in the past 3 years:

1. the numbers of trees managed by the tree management departments of the Government;

2. the current numbers of tree management personnel and those with qualifications in arboriculture in government departments;

3. the numbers of completed and outstanding cases under Form 1 and Form 2;

4. the number of tree management complaints received per year;

5. the number of tree collapse reports received and the resulting number of casualties per year;

6. the number of trees removed per year and the reasons;

7. the number of trees planted per year;

8. the current number of professional arboriculture training courses in Hong Kong; and

9.whether the Government will allocate more resources to train local arboriculture professionals?

Asked by: Hon CHAN Hak-kan (Member Question No. (LegCo use): 51)

Reply:

1&2. Trees on government land and at government facilities are managed by various tree management departments through dedicated in-house teams or outsourced contracts or both. The number of trees under the care of the nine core tree management departments and the number of their tree management personnel with professional qualifications are set out below –

Core tree management department	**Number of trees** (Note 1)			**Number of tree Management staff** (Note 2)		
	2015-16	**2016-17**	**2017-18 (As at 31 Dec 2017)**	**2015-16**	**2016-17**	**2017-18 (As at 31 Dec 2017)**
Agriculture, Fisheries and Conservation Department (AFCD)	39 000 (Note 3)	38 000 (Note 3)	38 000 (Note 3)	87(87)	87(87)	87(87)
Architectural Services Department (ArchSD)	200 000(Note 4)			5(5)	5(5)	6(6)
Civil Engineering and Development Department (CEDD)	300	300	9 400	5(5)	5(5)	8(5)
Drainage Services Department (DSD)	24 500	24 700	20 200	17(17)	17(17)	17(17)
Highways Department (HyD)	635 000	633 000	592 000	62(47)	58(49)	30(26)
Housing Department (HD)	102 000	100 800	101 700	46(42)	41(35)	41(35)
Lands Department (LandsD)	N/A (Note 5)			15(10)	15(15)	9(9)
Leisure and Cultural Services Department (LCSD)	514 000	635 000	628 000	221(168)	217(217)	282(282)
Water Supplies Department (WSD)	157 100	155 000	155 000	22(21)	21(21)	21(17)

Note 1:
Rounded to the nearest 100.

Note 2:
The figures within brackets indicate the number of tree management staff with professional qualifications in arboriculture including the Certified Arborist qualification awarded by the

International Society of Arboriculture of the USA.

Note 3:
AFCD manages all trees in country parks. The figure includes only the number of trees in frequently used areas and facilities.

Note 4:
These are trees on slopes managed by ArchSD. The department replaces trees removed due to ageing and/or disease with new ones on a one-to-one basis. Therefore, the number of trees that it manages varies only slightly, if at all, from one year to the next, and hovers around 200 000.

Note 5:
LandsD is responsible for non-routine maintenance of trees on unallocated and unleased government land that are not maintained by any designated government departments. Due to their large numbers, trees on such land cannot be counted. LandsD will follow up referrals and complaints when they arise.

3. Tree management departments undertake tree risk assessments and adopt all the required mitigation measures during their annual Tree Risk Assessment and Management (TRAM) exercise. The number of tree group inspections (Form 1) and that of individual tree risk assessments (Form 2) completed by those departments during their TRAM exercise in each of the past three years are set out as below –

Annual TRAM exercise	**Number of completed tree group inspections (Form 1)**	**Numbers of individual tree risk assessments (Form 2)**
2015	30 179	7 476
2016	29 843	8 668
2017	30 776	8 787

4. A breakdown of the number of tree management enquiries and complaints received by the core tree management departments in each of the past three years is as follows –

Core tree management department	**Number of tree management enquiries and complaints in the past three years**		
	2015-16	**2016-17**	**2017-18 (as at 31 Dec 2017)**
AFCD	91	130	124
ArchSD	56	45	34
CEDD	47	110	162
DSD	74	108	90
HyD	2 678	7 153	5 678
HD	438	685	968
LandsD	10 719	13 580	12 238
LCSD	3 221	6 932	7 193
WSD	122	172	202

5. The number of tree failure reports and the number of casualties cases due to tree failure incidents in each of the past three years is set out below –

The number of tree failure reports and the number of casualties cases	2015	2016	2017
Individual tree failures	169	171	342
Tree failures after Tropical Cyclone Warning Signal No.8 or above	309	3 914	8 742
Total number of casualties in tree failure incidents (Note1)	11	9	7

Note 1:
There has been no fatal tree failure in the past three years. The figures are tree failure incidents causing minor injuries.

6. Trees are removed because of the following reasons: construction works, health or structural issues, vegetation maintenance and inclement weather. The number of trees removed in each of the past three financial years is set out below –

Financial year	Number of Trees Removed
2015-16	32 537
2016-17	32 211
2017-18 (as at 31 Dec 2017)	32 901

7. The number of trees planted per year in the past three years is shown below –

Year	Trees Planted
2015	447 255
2016	455 269
2017	461 754

8. Local arboriculture courses offered by major institutes are set out below –

Institution	Programme /Course
Vocational Training Council Technological and Higher Education Institute of Hong Kong (THEi)	Bachelor of Arts (Honours) in Horticulture and Landscape Management
The University of Hong Kong School of Professional and Continuing Education (HKU SPACE)	Advanced Diploma in Tree Management and Conservation
Hong Kong Baptist University College of International Education (CIE)	Associate Degree in Tree Management
Vocational Training Council Hong Kong Institute of Vocational Education (IVE)	Professional Certificate in Arboriculture and Tree Work Supervision
	Higher Diploma in Conservation and Tree Management

	Certificate in Basic Arboriculture and Tree Work Practices
The Open University of Hong Kong Li Ka Shing Institute of Professional and Continuing Education(LiPACE)	Certificate in Professional Tree Management
The Chinese University of Hong Kong School of Continuing and Professional Studies (CUSCS)	Diploma Programme in Arboriculture
The Employees Retraining Board (ERB) The Hong Kong Confederation of Trade Unions	Certificate in Arboricultural Management

9. The Government will continue to provide resources to support the local landscape industry through liaison on education and human resources planning, subsidies for relevant undergraduate programmes through the Study Subsidy Scheme for Designated Professions/Sectors, and organisation of continuing professional development seminars and training. The Greening, Landscape and Tree Management Section under the Development Bureau will continue to identify relevant professional courses for staff training to build up the Government's tree management capability.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2651)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Will the Administration inform this Committee of the following:

1) How many graded historic buildings are currently abandoned?

2) How many of them are owned by the Government? Please set out the following information in tabular form:

a) name of the building;

b) address;

c) grade;

d) vacancy period; and

e) annual expenditure on the property.

3) Does the Government have any intention to restore and reuse the abandoned historic buildings? If yes, what are the details of its plans? If no, what are the reasons?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 42)

Reply:

Graded historic buildings, be they government-owned or privately owned, are not abandoned, though some of them may not have any immediate use.

By 1 March 2018, the Antiquities Advisory Board (AAB) had confirmed the grading of 1 398 buildings. Among them, 1 066 buildings were accorded Grade 1, Grade 2 and Grade 3 status. The grading system is administrative in nature to provide an objective

basis for determining the heritage value and, hence, the preservation need of historic buildings in Hong Kong. The system does not affect the ownership, usage and owners' management and development rights regarding the buildings that have been graded.

A total of 256 buildings with grading status are owned by the Government. Some of them are used by government bureaux/departments while others have been let out to non-governmental organisations or commercial entities. The list of graded historic buildings can be accessed via the AAB website at www.aab.gov.hk.

In general, government-owned graded historic buildings which are not used by government bureaux/departments and which have limited commercial viability may be considered for inclusion in the Revitalising Historic Buildings Through Partnership Scheme (the Revitalisation Scheme). Under the Revitalisation Scheme, non-profit-making organisations (NPOs) are invited to submit proposals to re-use these government-owned graded historic buildings. The selected NPOs will have to provide services or run businesses in those buildings as social enterprises on a self-financing and self-sustainable basis. So far, five batches of 19 government-owned graded historic buildings have been included in the Revitalisation Scheme.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No.2595)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In 2018-19, the Works Branch will continue to oversee a reliable and safe supply of potable water. Will the Development Bureau consider increasing funding to carry out further, more accurate drinking water sampling tests after the lead in drinking water incidents in 2017?

Asked by: Hon CHOW Ho-ding, Holden (Member Question No. (LegCo use): 25)

Reply:

The Government has all along been attaching great importance to drinking water safety. Following the lead-in-drinking-water incident in 2015, there has been growing concern in the community on drinking water safety. Against this background, the Development Bureau, in collaboration with the Water Supplies Department (WSD), launched the Action Plan for Enhancing Drinking Water Safety in Hong Kong (Action Plan) in September 2017 to further safeguard drinking water quality through a multi-pronged approach. One of the core components of the Action Plan is the enhancement of WSD's water quality monitoring programme (Enhanced Programme) by taking additional water samples at consumers' taps for testing of six metals which could be present in the plumbing system. In three to five years' time, with the collection of sufficient local water quality data through the Enhanced Programme, we will review if the current standards set for these metal parameters which have been based on the corresponding guideline values/provisional guideline values adopted by the World Health Organization (WHO) should be revised, in particular whether there is room for us to adopt a standard that is higher than that of WHO. Sufficient funding for the water sampling and testing work under the Enhanced Programme has already been allocated to WSD in this regard.

As regards the other non-metal parameters in WHO Guidelines for Drinking-water Quality, WSD has commissioned a consultancy to carry out a review, which is targeted to be completed in end-2018. Subject to the outcome of the review, WSD will consider the need to include more parameters to be monitored under the Enhanced Programme. WSD will assess the resources required and seek additional resources through the established mechanism where necessary.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2596)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In 2018-19, the Works Branch will continue to build up the tree management capacity of the tree management departments through training and studies. Will the Development Bureau consider funding studies on relevant professional courses so as to train more tree doctors and build up tree management capacity?

Asked by: Hon CHOW Ho-ding, Holden (Member Question No. (LegCo use): 26)

Reply:

To build up the tree management capacity of tree management departments, the Greening, Landscape and Tree Management Section (GLTMS) of the Development Bureau has been arranging a variety of tree asset management training programmes for tree management staff at managerial, supervisory and frontline levels to enhance their professional knowledge. Through these professional training programmes (including an advanced diploma course in tree management and conservation, a certificate course in professional tree inspection leading to a qualification conferred by LANTRA Awards in the United Kingdom and a certificate course in identification of common trees), tree management staff can acquire the latest knowledge and skills essential to tree asset management. GLTMS will continue to identify relevant professional courses for staff training in its bid to build up the Government's tree management capability.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2869)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is proposed in the Budget Speech "to set up a $1 billion Construction Innovation and Technology Fund to boost the capacities of enterprises and practitioners in the construction industry to adopt new technology, and support the industry to harness innovative technology." Its main purpose is to enable eligible contractors, registered sub-contractors and consultants to acquire the software and hardware as well as to nurture the expertise required. It will also support students and practitioners of the construction industry to receive training on innovative construction technologies. In this connection, please provide the following information:

1. Of the $1 billion Fund, how much will be used to "support students and practitioners of the construction industry to receive training on innovative construction technologies"?

2. What are the estimated numbers of training places available for students and practitioners of the construction industry respectively?

3. What are the specific content and formats of the training? What will be the specific arrangements in the coming year?

Will the Administration consider using the Fund, apart from providing support for the engineering companies, to subsidise practitioners of the construction industry to receive on-the-job or after-work training, so as to upgrade the levels of the existing construction workers?

Asked by: Hon HO Kai-ming (Member Question No. (LegCo use): 67)

Reply:

The primary objectives of the Construction Innovation and Technology Fund are to encourage a wider adoption of innovative construction methods and new technologies, and

to prepare practitioners and students of construction-related disciplines to embrace new technologies, with a view to promoting productivity, raising built quality, improving site safety and enhancing environmental performance. The use of advanced technologies will also help enhance the professional image of the construction industry and attract new blood.

Regarding manpower development, the Fund will support industry practitioners (ranging from skilled workers to professionals) and tertiary students of relevant disciplines so that they can receive training at avant-garde construction institutions, attend conferences and take part in technology visits. We are consulting industry stakeholders, professional institutions and academia on the formulation of implementation details. We will take into account factors such as resource implications, relevance to construction innovation, training efficacy and prudent use of public money when drawing up the parameters (e.g. nature and duration of training courses, training places) of the Fund.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2870)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding Energizing Kowloon East, please inform this Committee of the following:

1. Please list the names of the projects that the Energizing Kowloon East Office (EKEO) is currently studying or has studied in the past 5 years.

2. Further to the above question, have the recommendations of the studies been implemented and what is the progress?

3. Which projects will the EKEO further study in the coming year and what is the expenditure involved? and

4. Will the Administration consider increasing the manpower of the EKEO for the early implementation of related work and the recommendations of the studies?

Asked by: Hon HO Kai-ming (Member Question No. (LegCo use):68)

Reply:

1 & 2 The projects that EKEO is currently studying or have studied in the past 5 years, and their respective progress are provided in the table below:

Item No.	Nature of Project	Project Title	Works Progress/ Implementation of Recommendations
Enhancing Connectivity			
1	Consultancy Study	Kowloon Bay Business Area Pedestrian Environment Improvement – Feasibility Study (KBBA Study)	- Short-term improvements – 45% completed - Refurbishment/provision of sitting-out areas along Green Spine and Green Link (SoA) – 45% completed - Three proposed footbridges in KBBA – design in progress - Remaining proposals – planning in progress

Item No.	Nature of Project	Project Title	Works Progress/ Implementation of Recommendations
2	Consultancy Study	Pedestrian Environment Improvement Scheme for Transformation of Kwun Tong Business Area – Feasibility Study (KTBA Study)	- Short-term improvements – 53% completed - Revitalisation of selected back alleys – completed in 2017 - Provision of two proposed subways and facelifting of existing subways and sitting-out areas near MTR Ngau Tau Kok Station – investigation in progress
3	Consultancy Study	Traffic Impact Assessment for Proposed Traffic Modification Works in KTBA	Recommendations were taken forward under KTBA Study.
4	Consultancy Study	San Po Kong Business Area Pedestrian Environment and Traffic Improvement – Feasibility Study	Study in progress
Improving the Environment			
5	Consultancy Study	Study on Industrial Culture of Kowloon East and its Potential for Public Art/Urban Design	Study recommendations will continue to be taken forward in various open space projects.
6	Design Study by Drainage Services Department	Revitalisation of Tsui Ping River – Design and Construction	Detailed design in progress
7	Minor Works	Improvement to Tsun Yip Street Playground (Phase 1)	Works completed in 2014
8	Public Works Project (PWP)	Converting Tsun Yip Street Playground as Kwun Tong Industrial Culture Park	Construction works to complete within 2018
9	Public Works Project	Reprovisioning of Shing Yip Street Rest Garden as Tsui Ping River Garden	Construction works to complete within 2018
10	Public Works Project	Reprovisioning of Tsun Yip Street Playground facilities to Hong Ning Road Park and Ngau Tau Kok Fresh Water Service Reservoir	Construction works to complete in 2021
11	Public Works Project	Improvement of Hoi Bun Road Park and Adjacent Area	Subject to funding approval, construction works expected to complete in 2021.
12	Public Works Project	Improvement to Lam Wah Street Playground and Associated Open Space and Public Spaces	Detailed design in progress
Releasing Development Potential			

Item No.	Nature of Project	Project Title	Works Progress/ Implementation of Recommendations
13	Consultancy Study	Planning and Engineering Studies for Kai Tak Fantasy (KTF) (Phase 1)	Consultancy services for organising the KTF International Ideas Competition completed in 2014.
14	Consultancy Study	Planning and Engineering Study for the Development at Kowloon Bay Action Area (KBAA) of Kowloon East – Feasibility Study	Study in progress
15	Consultancy Study	Planning and Urban Design Review for Developments at Kai Tak Runway Tip (KTRT) – Feasibility Study	Study in progress
16	Consultancy Study	Provision of Consultancy Services on Business Viability Study for Development of Tourism Node at Kai Tak	Development parameters for the Tourism Node site were proposed in the Study.
17	Consultancy Study	Planning and Engineering Study for the Development at Kwun Tong Action Area (KTAA) - Feasibility Study	Study in progress
18	Design Study by Architectural Services Department (ArchSD)	Traffic Impact Assessment for reprovisioning of Vehicle Examination Centres (VECs) in Tsing Yi	Study completed in 2014. Recommendations taken forward under the VEC PWP project.
19	Design Study by ArchSD	Quantitative Risk Assessment for the proposed new VEC site at Tsing Yi	Study completed in 2015. Recommendations taken forward under the VEC PWP project.
20	Design Study by Electrical and Mechanical Services Department	Provision of Technical Consultancy Services (Vehicle Examination System) for the Reprovisioning of VECs at Tsing Yi	Study completed in 2015. Recommendations taken forward under the VEC PWP project.
21	Design Study by ArchSD	Study on Re-provisioning of the Existing Car Parking Facilities at the Proposed VEC and its related operational arrangement	Study completed in 2016 Recommendations taken forward under the VEC PWP project.
22	Design Study by ArchSD	Supplementary Traffic Study for the proposed new VEC	Study completed in 2017 Recommendations taken forward under the VEC PWP project.
23	Public Works Project	Reprovisioning of Transport Department's VECs at Tsing Yi	Design and construction works commenced in March 2018.
Smart City Development in Kowloon East			

Item No.	Nature of Project	Project Title	Works Progress/ Implementation of Recommendations
24	Consultancy Study	Developing Kowloon East into a Smart City District – Feasibility Study	Study is in progress
25	Proof of Concept Trial	Smart Crowd Management System	Trial completed in May 2017
26	Proof of Concept Trial	Persona and Preference- based Way-finding for Pedestrians	Trial completed in March 2018
27	Proof of Concept Trial	Energy Efficiency Data System	Trial commenced in September 2017
28	Proof of Concept Trial	Kerbside Loading and Unloading Bay Monitoring System	Trial commenced in January 2018

3. EKEO will further study the following projects in 2018-19:

Item No.	Project Title	Estimated Expenditure in 2018-19
Enhancing Connectivity		
1	Proposed footbridge near MTR Kowloon Bay Station Exit A	To be assessed as the project is at preliminary planning stage.
Releasing Development Potential		
2	Consultancy Services on Technical Study for the Ngau Tau Kok Divisional Police Station Site at Siu Yip Street	$2.2 million
3	Provision of District Open Space, Sports Centre cum Public Vehicle Park at Sze Mei Street, San Po Kong	To be assessed as the project is at preliminary planning stage.
Smart City		
4	Proof of Concept Trial on Multi-purpose Lamp Post	To be determined, subject to finalisation of tender specifications.
5	Proof of Concept Trial on Smart Waste Bin System	
6	Proof of Concept Trial on Real-time Road Works Information System	
7	Proof of Concept Trial on Illegal Parking Monitoring System	
8	Consultancy Services on the Roadmap and Privacy Impact Assessment for Illegal Parking Monitoring System	

4. The number of staff in EKEO is currently 25 and will increase to 29 in 2018-19.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2871)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the "steering of the detailed feasibility study for the Environmentally Friendly Linkage System (EFLS) for Kowloon East" under this Programme, will the Administration inform this Committee:
1. of the current progress of the EFLS for Kowloon East;
2. of the latest information on the anticipated construction mode, the construction costs and the commissioning date of the EFLS; and
3. whether the next stage of study for the EFLS will be conducted in the coming year? If yes, what are the expenditure involved and the relevant details?

Asked by: Hon HO Kai-ming (Member Question No. (LegCo use): 69)

Reply:

We have completed an interim public consultation under the first stage of a detailed feasibility study (DFS) for the EFLS for Kowloon East (KE). The DFS indicates general support for adopting an elevated green transport mode for the EFLS. We are now proceeding with the second stage of the DFS, which is to develop a viable EFLS scheme, including the determination of its network coverage, alignment, station locations etc, and the conduct of associated technical assessments to ascertain its feasibility. The study is targeted for completion in 2018. The way forward, the implementation programme for the EFLS project and construction cost estimates will be prepared upon completion of the DFS. Officers responsible for steering the second stage of the DFS perform their work as part of their overall duties. There is no separate breakdown showing the staff establishment involved or the expenditure on emoluments.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2809)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Government launched the Revitalising Historic Buildings Through Partnership Scheme in 2008 in response to the public demand for built heritage conservation. Currently, the scheme has launched Batch V with an aim to revitalise historic buildings for adaptive re-use. The Secretary for Development declared Hung Lau as a proposed monument in March last year. Although the status will be valid for only 1 year, it is better than doing nothing and the owner is also applying for funding under the Financial Assistance for Maintenance Scheme for Historic Buildings (FAS). Hung Lau is a privately-owned building and was only declared as a proposed monument. However, according to the law, only buildings which have been confirmed as monuments are protected from being demolished or redeveloped by their owners at will. In this case, the owner will have the right to decide whether to preserve, demolish or redevelop the building after the one-year period. In this connection, will the Government inform this Committee of the following:

1. What was the amount of grant approved for each successful application under the FAS in the past 3 years?

2. What was the percentage of the amount granted against the total maintenance cost in each case?

3. What is the outcome of the application from Hung Lau's owner under the FAS?

4. Given the current lack of management and planning for Hung Lau, does the Government have plans to officially declare it as a monument in future? If yes, please provide the timetable. If no, will the Government on the other hand actively explore the feasibility of turning the historic building into a tourist attraction so as to enhance the site and turn it into a tourist attraction?

Asked by: Hon HO Kwan-yiu, Junius (Member Question No. (LegCo use): 7)

Reply:

1 and 2:

Applications under the Financial Assistance for Maintenance Scheme (FAS) are approved in two stages: first-stage approval for applicants to engage consultants to prepare conservation proposals for their historic buildings and full approval for actual maintenance works to proceed. In the past three financial years, 37 applications have been approved, comprising 29 first-stage approvals and eight full approvals. The total amount of grants for the eight fully approved applications was $10.7 million. The financial assistance could cover the maintenance cost in full, subject to the prevailing grant ceiling at the time (currently at $2 million) or the amount approved for each application, whichever is the less. Of the eight fully approved applications, four entailed the applicants having to cover part of the maintenance cost. Details are set out below:

	Name of Historic Building	**Brief Scope of Maintenance Works**	**Approved Amount ($)**
Approved Applications in 2015-16			
1)	Ling Wan Monastery, Pat Heung, Yuen Long	Repair of water leakage at skylights and roof; repair of wooden doors and other maintenance works	1,000,000
2)	Tin Hau Temple, Sha Kong Tsuen, Yuen Long	Façade preservation and repair for the Entrance Hall, Main Hall and Side Halls; repair of roof and main ridge of Entrance Hall and other maintenance works	905,000
Approved Applications in 2016-17			
3)	St. Stephen's Chapel, St. Stephen's College, Stanley *	Repair of roof water leakage and repaint affected area and concrete repair	1,000,000
4)	Tin Hau Temple, Lam Tsuen, Tai Po, Phase II *	Repair the roof and ridges at Side Halls; walls restoration at Side Halls and other maintenance works	1,000,000
Approved Applications in 2017-18			
5)	Law Ancestral Hall	Repair of roof at entrance hall, timber cockloft, brick walls, altar and other maintenance works	2,000,000
6)	Kwan Tai Temple, Tai O *	Repair of roof and timber members and other maintenance works	1,995,450
7)	Tin Hau Temple, Tai O *	Repair of roof water leakage and repaint affected area and concrete repair	1,051,835
8)	St. Andrew's Church Compound, Tsim Sha Tsui	Repair of cracks and wall plaster, repainting of internal and external walls and other maintenance works	1,761,740

* The applicant had to cover the part of the maintenance cost exceeding the grant ceiling or approved amount.

The following 29 applications are pending full approval of their conservation proposals.

9)	Hau Mei Fung Ancestral Hall, Sheung Shui	Repair and redecorate the roof at Entrance Hall and Main Hall; repair of timber doors and other maintenance works
10)	No. 139 Ping Yeung, Ta Kwun Ling	Repair of pitch roof and timber structure; repair timber cockloft and stair; repair external wall
11)	Lim House, Shap Pat Heung, Yuen Long, Phase II	Rectify water leakage at 1/F flat roof and replace damaged timber structure and flooring; repair timber doors and windows and other maintenance works
12)	Tsang Tai Uk (Northwest Watch Tower), Shatin	Repair of pitch roof; repair of timber floors and stairs and other maintenance works
13)	Tin Hau Temple, Fung Chi Tsuen, Yuen Long, Phase II	Repair of internal walls plaster, timber doors, plaque and couplets; repair external brick walls and other maintenance works
14)	No. 7 Tai O Market Street, Tai O, Lantau	Repair of roof, internal and external walls, windows, doors and other maintenance works
15)	Tao Fong Shan Christian Centre (Thelle House), Shatin	Repair of roof and other maintenance works
16)	First Church of Christ Scientist, Central, Phase II	Repair of cracks, wall plaster; repainting of external walls, timber doors and windows and other maintenance works
17)	Hip Tin Temple, Sha Tau Kok	Repair of roof, statue and altar; repair and repaint all internal and external walls and other maintenance works
18)	No. 8 San Lau Street, Sha Tau Kok, Phase II	Repair of concrete, windows, doors, timber stairs and other maintenance works
19)	Tung Lin Kok Yuen, Happy Valley	Repair of roof, timber windows, wall plaster, concrete repair and other maintenance works
20)	Ng Ancestral Hall, Fung Wong Wu, Ta Kwu Ling	Repair of roof, wall plaster and decoration and other maintenance works
21)	Hong Kong Sheng Kung Hui Holy Trinity Cathedral, Kowloon City, Phase II	Repair of roof and other maintenance works
22)	No. 1 & 3 Playing Field Road, Prince Edward	Repair of spalled concrete, cracks, roof leakage and other maintenance works
23)	Tao Fong Shan Christian Centre (Thelle House), Shatin, Phase II	Repair and repaint of internal and external walls and other maintenance works
24)	No. 1 & 3 Playing Field Road, Prince Edward, Phase II	Repair of windows, repaint external walls and other maintenance works
25)	High Rock Christian Camp, Sha Tin	Repair of roof leakage, external walls, spalled concrete and other maintenance works
26)	Tung Lin Kok Yuen, Happy Valley, Phase II	Repair of timber windows and water leakage
27)	Tung Lin Kok Yuen, Happy Valley, Phase III	Repair of external wall plaster and brickworks
28)	Old Victoria Barracks, Montgomery Block, Kennedy Road, Central	Repair of cracks, water seepage, staircases and other maintenance works

29)	Kowloon Cricket Club, Tsim Sha Tsui	Repair of cracks and rectify the water leakage at LG/F
30)	Old Village School, No. 1 Tung Tau Tsuen, Ha Tsuen, Yuen Long	Repair of roof, timber floors, spalled concrete, windows and doors and other maintenance works
31)	St. Joseph's Chapel, Yim Tin Tsai, Sai Kung	Repair of cracks and spalled concrete, repaint internal and external walls and other maintenance works
32)	Lutheran Yan Kwong Church (Church Building), Sha Tin	Repair of roof, waterproofing works to walls and floor, repaint external walls and other maintenance works
33)	Lutheran Yan Kwong Church (Primary School), Sha Tin	Repair of roof, waterproofing works to walls and floor, repaint external walls and other maintenance works
34)	Lutheran Yan Kwong Church (Kindergarten), Sha Tin	Repair of roof, windows and doors, waterproofing works to walls and floor and other maintenance works
35)	Old Pathological Institute (Hong Kong Museum of Medical Science), Main Building, Sheung Wan	Repair of damped and cracked wall plaster works, damaged floor tiles and other maintenance works
36)	Old Pathological Institute (Hong Kong Museum of Medical Science), Ancillary Block, Sheung Wan	Repair of damped and cracked wall plaster works, blocked pipes and other maintenance works
37)	Yuen Kwan Tai Temple, Mong Tseng Wai, Yuen Long, Phase II	Repair roof of Entrance Hall and Left Side Annex and other maintenance works

3 and 4:

As regards Hung Lau, a privately owned Grade 1 historic building, the Commissioner for Heritage's Office (CHO) under the Development Bureau and the Antiquities and Monuments Office (AMO) under the Leisure and Cultural Services Department have been actively exploring preservation-cum-development options with its owner's representatives in the past few months. A consensus has since been reached: Hung Lau will be preserved and will not be demolished. The owner applied for financial assistance for restoring Hung Lau under the FAS in September 2017. As a condition for any FAS grant, the owner should not demolish Hung Lau or transfer its ownership within ten years from the completion of the maintenance works required. The application is being processed.

Furthermore, the owner has undertaken to obtain the consent of relevant government departments for any development proposal involving the redevelopment of any existing structure besides Hung Lau and/or construction of any new building. If such a proposal is consistent with the prevailing heritage conservation policy and the preservation-cum-development approach, CHO will render policy support and assistance to the owner from a heritage conservation perspective. This will include supporting the owner's planning application and/or rezoning application to the Town Planning Board and other necessary applications to government departments in compliance with statutory requirements such as those pertaining to buildings and fire services.

At the meeting of the Antiquities Advisory Board (AAB) on 7 December 2017, members discussed the heritage information that had been reviewed by AMO and the recommendation of the independent Historic Buildings Assessment Panel. The AAB upheld Hung Lau's Grade 1 status. There is no plan to declare it as a monument.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1079)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

As regards professional arboricultural management training for the promotion of positive capacity building for the arboriculture industry, please advise this Committee:

1. of the number of management personnel with professional qualifications in each of the Government's arboricultural management departments and the number of trees under the management of each of these departments;

2. whether there are local channels through which young people can receive training and become a qualified professional in arboricultural management after graduation and enter the trade; if yes, what are the details?

3. of the annual number of graduates locally trained with professional qualifications in tree management in the next 3 years.

Asked by: Hon KWOK Wai-keung (Member Question No. (LegCo use): 46)

Reply:

1. Trees on government land and at government facilities are managed by various tree management departments through dedicated in-house teams or outsourced contracts or both. The number of trees under the care of the nine core tree management departments and the number of their tree management personnel with professional qualifications are set out below –

Core tree management departments	Number of trees (Note 1)	Number of tree personnel with professional qualifications
Agriculture, Fisheries and Conservation Department	38 000 (Note 2)	87

Architectural Services Department	200 000	6
Civil Engineering and Development Department	9 400	5
Drainage Services Department	20 200	17
Highways Department	592 000	26
Housing Department	101 700	35
Lands Department	N/A (Note 3)	9
Leisure and Cultural Services Department	628 000	282
Water Supplies Department	155 000	17

Note 1: Rounded to the nearest 100.

Note 2: The Agriculture, Fisheries and Conservation Department manages all trees in country parks. The figure includes only trees in frequently used areas and facilities.

Note 3: The Lands Department (LandsD) is responsible for non-routine maintenance of trees on unallocated and unleased government land that are not maintained by any designated government departments. Due to their large numbers, trees on such land cannot be counted. LandsD will follow up referrals and complaints when they arise.

2. There are many local channels through which young people can receive training and become a qualified professional in arboricultural management after graduation. Major local institutions providing tree management training are listed below –

Institution	**Programme / Course**
Vocation Training Council Technological and Higher Education Institute of Hong Kong (THEi)	Bachelor of Arts (Honours) in Horticulture and Landscape Management
The University of Hong Kong School of Professional and Continuing Education (HKU SPACE)	Advanced Diploma in Tree Management and Conservation
Hong Kong Baptist University College of International Education (CIE)	Associate Degree in Tree Management
Vocational Training Council Hong Kong Institute of Vocational	Professional Certificate in Arboriculture and Tree Work Supervision

Education (IVE)	Higher Diploma in Conservation and Tree Management
	Certificate in Basic Arboriculture and Tree Work Practices
The Open University of Hong Kong Li Ka Shing Institute of Professional and Continuing Education(LiPACE)	Certificate in Professional Tree Management
The Chinese University of Hong Kong School of Continuing and Professional Studies (CUSCS)	Diploma Programme in Arboriculture
The Employees Retraining Board (ERB) The Hong Kong Confederation of Trade Unions	Certificate in Arboricultural Management

3. Approximately 300 students will graduate with local qualifications in tree management annually in the next three years.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1080)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the Budget that the Tree management Office carries out tree management work. In this connection, please inform this Committee of the following:

1. Please list by year the numbers of trees collapsed across the territory in the past 3 years.

2. Please list by year the numbers of trees inspected by the tree management departments of the Government per year in the past 3 years.

3. Please list by year the numbers of new cases of sick trees and recovered trees in the past 3 years.

Asked by: Hon KWOK Wai-keung (Member Question No. (LegCo use): 43)

Reply:

Given the large number of trees across the territory, the Government adopts an "integrated approach" to tree management, under which individual departments are responsible for managing the trees on the premises or land under their purview, with the Tree Management Office (TMO) of the Development Bureau providing overall co-ordination. Tree management departments are required to provide tree failure reports to TMO should any tree failure incidents concerning them occur.

1. A breakdown of the number of tree failure reports in each of the past three years is as follows —

Number of Tree Failure	**2015**	**2016**	**2017**
No. of individual tree failures	169	171	342

No. of tree failures after tropical cyclone warning signal no. 8 or above	309	3 914	8 742
Total	478	4 085	9 084

2. A breakdown of the number of trees inspected during the annual Tree Risk Assessment and Management (TRAM) exercise in each of the past three years is as follows —

Year	**Number of Trees Inspected in Tree Group Inspections**
2015	766 956
2016	882 477
2017	945 359

3. Each tree management department conducts a TRAM exercise annually, and implements mitigation measures to maintain the health and structural stability of the trees under its management. Those measures include pruning, removing dead branches and managing pests and disease. According to the tree management departments, the number of trees requiring mitigation measures in each of the past three years are listed below —

Year	**Number of Trees with Mitigation Measures Completed**	**Number of Trees Removed**
2015	22 051	4 256
2016	16 174	5 650
2017	11 201	5 817

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1162)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Greening, Landscape and Tree Management Section (GLTMS) was established under the Works Branch of the Development Bureau (DEVB) in March 2010. The GLTMS promulgated a Handbook on Tree Management (the Handbook) in April 2016 to provide guidelines and standards of tree management. The Handbook is expected to be incorporated into the Home Affairs Department's Code of Practice under section 44 of the Building Management Ordinance (Cap. 344) by mid-2018. Will the Bureau inform this Committee of:

(a) the expenditure and staff deployment for promoting proper management of trees on one's properties;

(b) any publicity activities related to tree management organised in the past 3 years, such as talks and seminars; if yes, of the number of participants and their effectiveness; and

(c) any requests for assistance received from owners' corporations or owners regarding tree management in the past 3 years; the types of requests, the handling procedures and the outcomes; as well as the respective work of the DEVB and the Home Affairs Bureau in handling the requests?

Asked by: Hon LAU Kwok-fan (Member Question No. (LegCo use): 1)

Reply:

(a) Promoting proper tree management is an integral part of the normal duties of the Greening, Landscape and Tree Management Section (GLTMS). There is no separate breakdown on the resources devoted to this activity.

(b) GLTMS is committed to promoting urban forestry management and proper tree care through a series of public education and community engagement activities. The

number of such activities and that of participants in each of the past three years are as follows —

Year	Number of Activities	Number of Participants
2015	4	860
2016	8	649
2017	5	516

The activities have been effective in raising awareness of the importance of proper tree management. Feedback from participants has been positive.

(c) In the past three years, GLTMS received 209 requests from owners' corporations (OCs) and private property owners for assistance in tree management. It provided replies by email or phone, and satisfactorily addressed all the requests. The type and number of requests in each of the past three years are set out below —

Year	Requests on Tree Management			
	Tree Removal	Tree Risk Assessment	Seminar	General Tree Maintenance
2015	12	9	15	24
2016	14	16	17	30
2017	21	17	7	27

GLTMS handles all requests from OCs or private property owners regarding tree management while the Home Affairs Department (HAD), being the executive arm of the Home Affairs Bureau, seeks to facilitate, encourage and assist owners to form suitable organisations (e.g. OCs) and provide necessary support to assist them in discharging their building management responsibilities. On receipt of a request for assistance in tree management, HAD will advise the owner or OC to contact GLTMS for assistance.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1221)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention in the coming year that the Works Branch will "continue to draw up cost control measures and cost reduction initiatives." How many public works projects have been examined by the Project Cost Management Office (PCMO) since its establishment in June 2016? Please set out the project titles of the top 15 projects that have achieved the most cost savings after examination by the PCMO, and their original and revised estimated expenditures.

Asked by: Hon LAU Kwok-fan (Member Question No. (LegCo use): 61)

Reply:

The Project Cost Management Office (PCMO) rigorously scrutinises the cost estimates of major projects at the planning and design stage. Since its establishment in June 2016, PCMO has reviewed the cost estimates of about 130 projects, including those concerning site formation, government offices, staff quarters, hospitals, schools, parks, roadworks, waterworks, drainage works etc. The reviews have led to savings of 10% in project costs, or about $27 billion.

The following 15 projects (with a total original cost estimate of $145 billion), which have commenced or will have their funding applications submitted soon, have achieved significant cost reductions of over $12 billion (representing 45% of the total cost savings of $27 billion) after vetting and design optimsation by PCMO.

1. Braemar Hill Pedestrian Link
2. Central Kowloon Route
3. Cross Bay Link, Tseung Kwan O
4. Expansion of Sha Tau Kok sewage treatment works - phase 1
5. Inland Revenue Tower in Kai Tak Development Area
6. Joint-user Government Office Building in Cheung Sha Wan
7. Junior Police Officers Married Quarters at Fan Garden, Fanling

8. Kai Tak Development - Stage 4 and Stage 5 infrastructure works at former runway and south apron
9. Kai Tak Sports Park
10. Rank and File Quarters for Fire Services Department at Area 106, Pak Shing Kok, Tseung Kwan O
11. Reprovisioning of Fu Shan Public Mortuary
12. Shek Wu Hui effluent polishing plant – main works stage 1
13. Site formation and infrastructure works for development at Wang Chau, Yuen Long
14. Station Square at Kai Tak
15. Tung Chung New Town Extension

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2533)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the 2018-19 Controlling Officer's Report that the Government will continue to steer the detailed feasibility study (DFS) for the Environmentally Friendly Linkage System (EFLS) for Kowloon East.

Many Kai Tak residents and the cruise terminal operator have expressed their concerns to me that road development in the Kai Tak Development (KTD) seriously lags behind, which affects accessibility to the facilities in the KTD. With the sale of large amount of land in the KTD by the Government, traffic volume is expected to increase significantly in the KTD.

While the DFS for the EFLS for Kowloon East was originally anticipated to be substantially completed in the third quarter of 2017, the current status is that only the first phase of work is completed and the interim public consultation is in progress. Please inform this Committee of the following:

1. What is the current progress and when is the entire DFS scheduled for completion?

2. Will the scheduled commissioning date in 2023 be delayed? If yes, what are the details? If no, what are the reasons?

3. Also, will the Government consider expediting the completion of roads in the area and bringing in other modes of transport, such as green buses or minibuses, as temporary traffic measures before the commissioning of the EFLS for Kowloon East? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LEUNG Mei-fun, Priscilla (Member Question No. (LegCo use): 34)

Reply:

1. We have completed an interim public consultation under the first stage of the DFS for the EFLS for Kowloon East (KE). We are now proceeding with the second stage, which is to develop a viable EFLS scheme, including the determination of its network coverage,

alignment, station locations etc, and the conduct of associated technical assessments to ascertain its feasibility. The study is targeted for completion in 2018.

2. As diverse views had been received regarding the most suitable mode of green transport (GT) for the EFLS and its alignment, additional time was taken to carry out the DFS in two stages, with the first stage assessing the various GT modes on an equal basis to identify the most suitable one. In the interim public consultation completed in mid-2017, general support for adopting an elevated GT mode was received. The way forward and the implementation programme for the EFLS project will be formulated upon completion of the DFS.

3. The infrastructure projects (including road works) supporting the KTD are being implemented in stages according to their priority and readiness so as to tie in with the development pace of the area.

On public transport services, the KTD is currently served by a total of eight franchised bus routes and two green minibus (GMB) routes. A number of en-route bus and GMB routes along Prince Edward Road East are also available to KTD residents who wish to reach different destinations in the area. To tie in with the development pace of the area and the public transport needs of the KTD, the Transport Department (TD) has proposed in its Bus Route Planning Programme 2017-2018 the introduction of three new franchised bus routes to strengthen the public transport links between the KTD and other districts. The three bus routes, expected to be in operation in the second quarter of 2018, will run between:

(i) Kowloon City (Shing Tak Street) and Sai Wan Ho (Grand Promenade) (via the KTD);
(ii) Kai Tak (Muk Ning Street) and Tai Kok Tsui (Island Harbourview); and
(iii) the Kai Tak Cruise Terminal and Kowloon Tong (Festival Walk).

On railway services, the Shatin to Central Link (SCL) is under construction. The Tai Wai to Hung Hom section (including the Kai Tak and Sung Wong Toi stations) is expected to be completed and commissioned in mid-2019.

TD will continue to closely monitor the development progress of the KTD, and adjust or strengthen different public transport services to meet public demand for transport services in the area.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2534)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the 2018-19 Controlling Officer's Report that the Government's October 2017 Policy Agenda announced that the Energizing Kowloon East initiative would be extended to the adjoining San Po Kong Business Area. The Administration already submitted its initial ideas to the Wong Tai Sin District Council for discussion at its meeting on 9 January 2018.

Since the kick-start of the development of East Kowloon announced in the 2011-12 Policy Address, many Kowloon City residents have told me that they hope the Government will extend the Energizing Kowloon East initiative to the To Kwa Wan district adjoining the Kai Tak Development (KTD) Area. In doing so, new impetus will be injected to the KTD Area, which drives the future development of To Kwa Wan and creates synergy. In the short term, the Administration can also launch quick-wins in To Kwa Wan through the Energizing Kowloon East Office. For instance, I have proposed to the Bureau that a "boulevard" be created from San Shan Road next to the Cattle Depot revitalised under the Signature Project Scheme to San Ma Tau Street, so that residents can stroll leisurely to the Kowloon City Ferry Pier revitalised under the Central Kowloon Route project. Besides, the community environment will also be enhanced.

Will the Administration inform this Committee whether it will, after extending the Energizing Kowloon East initiative to San Po Kong, consider deploying manpower and other resources to further extend the initiative to To Kwa Wan adjoining the KTD Area? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LEUNG Mei-fun, Priscilla (Member Question No. (LegCo use): 45)

Reply:

The primary role of the Energizing Kowloon East Office (EKEO) is to transform Kowloon East into an additional attractive core business district to sustain Hong Kong's economic

development. Hence, EKEO focuses their efforts mainly on the Kwun Tong and Kowloon Bay Business Areas and the integration with the Kai Tak Development (KTD), capitalising on the new energy injected by KTD which helps revitalise the surrounding districts. The extension of the Energizing Kowloon East initiative to San Po Kong, promulgated in the Policy Agenda in October 2017, also focuses on the business area in San Po Kong. We currently have no plan to extend the initiative to To Kwa Wan which is primarily intended for development as a residential area.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0328)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Note specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Administration has stated that it will continue to pursue improvement initiatives that aim to raise the standards of the construction industry, including strengthening manpower training as well as promoting innovation and technology application. The Financial Secretary has also proposed to set up a $1 billion Construction Innovation and Technology Fund to boost the capacities of enterprises and practitioners in the construction industry to adopt new technology, support the industry to harness innovative technology, and support students and practitioners of the construction industry to receive training on innovative construction technologies. Currently, quite a number of small and medium-sized enterprises of the construction industry in Hong Kong are facing problems such as insufficient capital and difficulty in employing technical staff when they try to bring in and invest in innovative technology, which may even affect their chances to undertake government projects. In this connection, please inform this Committee whether the Administration, when formulating the implementation details of the aforementioned Fund, will consider making it a priority to assist small and medium-sized enterprises in overcoming their difficulties as appropriate. If yes, what are the details? If no, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 27)

Reply:

The primary objectives of the Construction Innovation and Technology Fund are to encourage a wider adoption of innovative construction methods and new technologies, and to prepare practitioners and students of construction-related disciplines to embrace new technologies, with a view to promoting productivity, raising built quality, improving site safety and enhancing environmental performance. The use of advanced technologies will also help enhance the professional image of the construction industry and attract new blood.

Target participants would be those directly involved in project design and implementation, including levy-paying contractors, subcontractors registered under the Subcontractor Registration Scheme maintained by the Construction Industry Council, and consultants on the lists and directories maintained by the Government or professional institutions. All SMEs satisfying the aforesaid criteria would be covered. To encourage them to apply to the Fund, we will seek to make the application procedure simple and user-friendly. We are consulting industry stakeholders with a view to formulating suitable implementation arrangements, including eligibility criteria, to meet industry needs.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0409)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is understood that the Government will adopt the Building Information Modelling (BIM) technology in the design of major government capital works projects from 2018 onwards, while the Housing Authority piloted the use of BIM in 2006. In this connection, will the Government inform this Committee of the following:

1. How many government capital works projects have adopted BIM technology in the past 2 years, and what are the details?

2. Has the Government evaluated the cost-effectiveness of the works projects that have adopted BIM technology? If yes, please provide the details; and

3. What are the new strategies to be implemented by the Government's Steering Committee on BIM in 2018-19 to encourage government departments and the industry to adopt the technology?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 15)

Reply:

1. In the past two fiscal years (FY2016-17 and FY2017-18), 40 capital works projects have adopted Building Information Modelling (BIM) technology in their design and/or construction stage. These pilot projects cover government office buildings, civil engineering infrastructure and special-purpose buildings of the following types: pumping station, sewage treatment works, hospital, theatre etc.

2. Overseas experience indicates that BIM technology can enhance productivity, reduce waste and accident rates, and reduce project costs. A case study in the United Kingdom, for example, revealed that adoption of BIM technology could bring about 8% to 18% cost

savings at the design stage and about 8% to 10% at the construction stage. The above-mentioned 40 local pilot projects aim to familiarise the works departments involved with BIM technology and the associated process, and to allow them to experience the benefits of the technology. As most of the projects are still underway, detailed cost effectiveness cannot be evaluated at this stage.

3. Works departments are required to adopt BIM technology in designing and implementing capital works projects costing over $30M from January 2018 onwards. DEVB has been collaborating with the Construction Industry Council in supporting and promoting the use of BIM technology in the construction industry. In the 2018-19 Budget, the Financial Secretary proposed to set up a $1 billion Construction Innovation and Technology Fund. The fund will, among other things, provide financial assistance for BIM training, procurement of associated hardware/software and trial adoption of BIM in local projects with a view to expediting the application of BIM technology in the construction industry. The Government plans to seek the approval of the Finance Committee of the Legislative Council in mid-2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0414)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (CK HON)

Director of Bureau: Secretary for Development

Question:

According to the Indicators in Programme (3), the Government planted 300 000 seasonal flowers in 2016, while only 200 000 seasonal flowers were planted in 2017. In this connection, please provide the following information:

1. What were the manpower and expenditures for the planting of seasonal flowers in the past 3 years?

2. What were the reasons for the reduced number of seasonal flowers planted in 2017?

3. Given the growing popularity among Hong Kong people to view flowers, has the Administration considered planting distinctive flowers in large numbers in various districts for public enjoyment? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 24)

Reply:

1. The expenditures on greening work (which includes the value of planting and associated landscape work, such as site preparation, soiling and drainage) and associated work days from 2015 to 2017 are shown in the table below. We do not have a separate breakdown for seasonal flowers.

Calendar Year	Expenditure ($ million)	Work Days
2015	180.1	46 225
2016	153.2	61 699
2017	232.5	59 691

2. The actual quantities of seasonal flowers planted in 2016 and 2017 were 255 055 and 254 306 respectively, with a difference of 749. The discrepancy between the 2016 and 2017 figures in the Controlling Officer's Report is due to rounding. The actual planting figures for each plant category for 2016 and 2017 are set out in the table below.

Planting by the Government in 2016 and 2017	Actual figures		Figures shown in COR (millions)	
	2016	2017	2016	2017
Trees	455 269	461 754	0.5	0.5
Shrubs	5 201 753	6 201 826	5.2	6.2
Seasonal flowers	255 055	254 306	0.3	0.2
Total	5 912 077	6 917 886	6.0	6.9

3. The Government promotes the principle of "Right Plant, Right Place" and vegetation diversity. Planting design needs to balance and combine different plant types and species including trees, shrubs and herbaceous plants to provide visual enjoyment throughout the year. The combination of different plants with varying flowering periods, foliage interests, textural differences and complementary colours is considered and balanced to achieve species richness and visual enjoyment.

Drawn up after extensive community consultation, the Greening Master Plans of the Civil Engineering and Development Department (CEDD) set out thematic planting frameworks for different districts. For example, trees which turn reddish seasonally (e.g. the sweet gum) are planted in Southern District to augment a panoramic sea view, and Hong Kong orchid trees are planted in Pok Fu Lam to commemorate the discovery of this species there. CEDD is also undertaking a project in Ngong Ping that involves the planting of cherry blossoms along with native spring-flowering trees as feature elements in suitable locations for visual enjoyment during flowering seasons.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1044)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

As stated under this Programme, the New Engineering Contract (NEC) form will be adopted to enhance management efficiency and cost-effectiveness. In this connection, please inform this Committee of :

1. the details of the NEC form;
2. the number and names of public works projects that have adopted the NEC form currently; and
3. the percentage change in the increase of management efficiency and cost-effectiveness with the adoption of the NEC form.

Asked by: Hon LUK Chung-hung (Member Question No. (LegCo use): 58)

Reply:

1. The New Engineering Contract (NEC) is a suite of contracts developed by the Institution of Civil Engineers in the United Kingdom. It encompasses contract provisions to encourage contracting parties to adopt a partnering approach to take forward construction works, thereby avoiding or minimising disputes. This contract form attaches great importance to risk mitigation and management, and embraces a collaborative risk management mechanism, which helps further reduce project risks. Under the NEC form of contracts, contracting parties are required to give early warnings on any risks that could increase project costs and/or cause any delay as soon as the risks arise. The parties should then work together to address such risks in a collaborative manner through attending meetings to determine the appropriate measures to deal with and mitigate the risks. In this way, the NEC form can help improve the performance of construction contracts in terms of cost and time control.

   The NEC form includes, among other things, target cost options which are more suitable for relatively large-scale and complex projects. A pain/gain share

mechanism is built into such options to deal with any budget overrun/cost saving as compared with the final target cost, thereby setting a common objective between the contracting parties to enhance project management and tighten cost control. With this mechanism, contractors have the incentive to proactively propose more innovative and cost-effective construction proposals so as to lower the cost and/or complete the works earlier.

2. By the end of February 2018, 71 capital works projects had adopted the NEC form as listed below:

Completed NEC Capital Works Contracts:

	Department (*Note*)	Contract Title
1	ArchSD	Design and Construction of Tin Shui Wai Hospital
2	CEDD	Landslip Prevention and Mitigation (LPMit) Programme, 2010, Package I - LPMit Works in the New Territories
3	DSD	Improvement of Fuk Man Road Nullah in Sai Kung
4	DSD	Provision of Electrical and Mechanical Facilities for Tin Liu Ha Sewage Pumping Station and Tong Min Tsuen Sewage Pumping Station
5	DSD	Lam Tsuen Valley Sewerage - Village Sewerage, Stage 2, Phase 1
6	DSD	Photovoltaic System at the Siu Ho Wan Sewage Treatment Works
7	DSD	Upgrading of High Voltage Switchgears and Motor Starters in Cheung Sha Wan Sewage Pumping Station
8	DSD	Sewerage at Yuen Long Kau Hui and Shap Pat Heung
9	DSD	Pak Hok Lam Trunk Sewer and Sha Tau Kok Village Sewerage
10	DSD	Improvement Works of Rotating Biological Contactors (RBC) in Ma Wan Sewage Treatment Works
11	DSD	Happy Valley Underground Stormwater Storage Scheme
12	HyD	Retrofitting of Noise Barriers on Fanling Highway (MTR Fanling Station to Wo Hing Road)
13	HyD	Retrofitting of Noise Barriers on Tai Po Tai Wo Road near Po Nga Court
14	WSD	Improvement of Fresh Water Supply to Cheung Chau

Ongoing NEC Capital Works Contracts:

	Department (*Note*)	Contract Title
1	ArchSD	Construction of a 30-Classroom Secondary School at Site 1A-2, Kai Tak Development
2	CEDD	Improvement Works at Mui Wo, Phase 1
3	CEDD	Landslip Prevention and Mitigation (LPMit) 2014, Package K, Landslip Prevention and Mitigation Works in Hong Kong Island, New Territories and Outlying Islands
4	CEDD	Provision of Universal Access Facilities for Highway Structures - Package 1 Contract 2
5	CEDD	Provision of Universal Access Facilities for Highway Structures - Package 2 Contract 2
6	CEDD	Site Formation and Infrastructural Works near Tong Hang Road and Tsz Tin Road in Area 54, Tuen Mun
7	CEDD	Landslip Prevention and Mitigation (LPMit) Programme, 2013, Package A - LPMit Works
8	CEDD	Signature Project Scheme in Sha Tin - Decking of Tai Wai Nullah in Sha Tin and Revitalisation of Shing Mun River Promenade near Sha Tin Town Centre
9	CEDD	Development of Kwu Tung North and Fanling North New Development Areas - Advance Works and First Stage Works - Stage 2 Ground Investigation Works
10	CEDD	Cycle Tracks from Tuen Mun to Sheung Shui - Remaining Works
11	CEDD	Provision of Universal Access Facilities for Highway Structures - Package 1 Contract 3
12	CEDD	Tseung Kwan O - Lam Tin Tunnel - Road P2 and Associated Works
13	CEDD	Improvement Works at Mui Wo, Phase 2 Stage 1
14	CEDD	Improvement Works at Tai O - Phase 2 Stage 1
15	CEDD	West Kowloon Reclamation - Mainworks (Remainder) - Footbridge at Junction of Sham Mong Road and Tonkin Street West in Sham Shui Po
16	CEDD	Road and Infrastructure Works for Development at Lin Cheung Road, Sham Shui Po
17	CEDD	Demolition and Ground Decontamination Works for Development at North West Kowloon Reclamation Site 1, Sham Shui Po - Phase 1
18	CEDD	Tseung Kwan O - Lam Tin Tunnel - Northern Footbridge
19	CEDD	Widening of the Footbridge Connecting Pak Wo Road to MTR Fanling Station and its Associated Works
20	CEDD	Kai Tak Development - Stage 3B Infrastructure at Former North Apron Area
21	CEDD	Queen's Hill Development - Road and Drainage Works
22	CEDD	Queen's Hill Development - Sewage Pumping Station Works
23	CEDD	Signature Project Scheme Sai Kung District - Reconstruction of

	Department (*Note*)	Contract Title
		the Sharp Island Pier
24	CEDD	Development of Anderson Road Quarry Site - Pedestrian Connectivity Facilities Works Phase 1
25	CEDD	Infrastructural Works for Public Housing Development at Chung Nga Road and Area 9, Tai Po
26	CEDD	Infrastructure Works for Public Housing Development at Area 54, Tung Chung
27	CEDD	Construction of Mountain Bike Training Ground and Expansion of Mountain Bike Trail Networks in Mui Wo and Chi Ma Wan, South Lantau
28	CEDD	Tseung Kwan O - Lam Tin Tunnel - Road P2/D4 and Associated Works
29	CEDD	Landslip Prevention and Mitigation (LPMit) Programme, 2015, Package D, LPMit Works
30	CEDD	Site Formation and Associated Infrastructural Works for Development of Columbarium at Sandy Ridge Cemetery
31	CEDD	Tung Chung New Town Extension - Reclamation and Advance Works
32	CEDD	Tseung Kwan O - Lam Tin Tunnel - Tseung Kwan O Interchange and Associated Works
33	DSD	Provision of Electrical and Mechanical Facilities for Eight Sewage Pumping Stations in the North and Tai Po Districts, New Territories
34	DSD	Provision of Electrical and Mechanical Facilities for Shek Wu Hui Sewage Treatment Works - Further Expansion Phase 1A - Advance Works and Ng Chow South Road Sewage Pumping Station
35	DSD	Construction of an Additional Sewage Rising Main between Tung Chung and Siu Ho Wan and Associated Works
36	DSD	Improvement Works Gasholder No. 3 at Shatin Sewage Treatment Works
37	DSD	Provision of Electrical and Mechanical Facilities for O Tsai Sewage Pumping Station and Enhancement Works of Electrical and Mechanical Facilities for Yung Shue Wan Sewage Treatment Works and Sok Kwu Wan Sewage Treatment Works
38	DSD	Provision of Electrical and Mechanical Equipment for Detritor Nos. 1 and 2 of To Kwa Wan Preliminary Treatment Works
39	DSD	Minor Drainage Improvement Works in Northern Hong Kong Island and North District
40	DSD	Provision of Electrical & Mechanical Equipment for Kau To Sewage Pumping Station
41	DSD	Provision of High Voltage Electrical Equipment for Stage III of Sha Tin Sewage Treatment Works
42	DSD	Modification Works for Food Waste & Sewage Sludge Anaerobic Co-digestion Pilot Trial at Tai Po Sewage Treatment Works

	Department (*Note*)	Contract Title
43	DSD	Upgrading of Kwun Tong Preliminary Treatment Works
44	DSD	Upgrading of West Kowloon and Tsuen Wan Sewerage - Phase 1
45	DSD	Provision of an Additional Combined Heat and Power (CHP) Generating System for Shatin Sewage Treatment Works
46	DSD	Provision of Deodourizing Systems and Covers for Preliminary Treatment Facilities in Tai Po Sewage Treatment Works
47	DSD	Provision of Electrical and Mechanical Equipment for Lok Chui Street, Siu Lam Psychiatric Centre and Fu Tei Ha Tsuen Sewage Pumping Stations
48	DSD	Construction of Dry Weather Flow Interceptor at Cherry Street Box Culvert
49	DSD	Enhancement Works for Kwun Tong Sewage Pumping Station
50	DSD	Rehabilitation of Trunk Sewers in Kowloon, Shatin and Sai Kung
51	HyD	Improvement to Pok Oi Interchange
52	HyD	Retrofitting of Noise Barriers on Tuen Mun Road - Town Centre Section
53	HyD	Provision of Barrier-free Access Facilities for Highway Structures - Phase 3 Contract 8
54	HyD	Lift and Pedestrian Walkway System at Cheung Hang Estate, Tsing Yi
55	WSD	Uprating of Chai Wan Salt Water Supply System - Mainlaying and Upgrading of Siu Sai Wan Salt Water Pumping Station
56	WSD	Improvement of Water Supply to Sheung Shui and Fanling
57	WSD	Mainlaying in Tseung Kwan O

Note:
ArchSD denotes the Architectural Services Department
CEDD denotes the Civil Engineering and Development Department
DSD denotes the Drainage Services Department
HyD denotes the Highways Department
EMSD denotes the Electrical and Mechanical Services Department
WSD denotes the Water Supplies Department

We are also piloting the NEC form in 33 investigation or maintenance contracts and 17 consultancy agreements.

3. At present, the majority of the projects under NEC capital works contracts are still in the construction stage. We still need some time to collect data for further analysis and optimisation of the NEC arrangement.

Of the 14 completed NEC capital works projects, most of their accounts are being finalised. Still, a preliminary analysis indicates that none of the projects incurred any cost overrun. For the Happy Valley Underground Stormwater Storage Scheme

project, the positive impact brought about by the NEC form has been particularly prominent. Not only was the project fully commissioned well ahead of schedule in March 2017, there was also an overall saving of about $90 million, or approximately 8% of the final target cost.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2436)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in paragraph 114 of the Budget Speech that the Government is "now assisting the industry in establishing large-scale, highly automated steel reinforcing bar prefabrication yards. The Government will also take the lead in piloting Modular Integrated Construction (MiC) in public projects." In this connection, please provide the following information:

1. What are the details of the establishment of the steel reinforcing bar prefabrication yards and the number of jobs to be created? Will more land be allocated in future to increase the number of yards to cope with the demand?

2. Apart from steel reinforcing bars, will the Administration consider promoting the use of prefabricated components in machinery, electricity and mechanics as well as pipework in Hong Kong, and allocate land to build prefabrication yards to speed up their establishment?

3. As regards piloting MiC in public projects, will prefabrication be conducted in the yards in Hong Kong? Does the Administration provide any land for this purpose?

4. Will the Administration consider setting aside land in new development areas for the yards mentioned above to enhance the employment opportunities of construction workers? If yes, what are the details?

5. How much time will be shortened for housing production with the implementation of the above construction method?

6. What are the respective expenditures for the 2 projects?

Asked by: Hon MAK Mei-kuen, Alice (Member Question No. (LegCo use): 66)

Reply:

Hong Kong's construction industry has been beset with the challenges of high construction cost and a shortage of skilled labour in recent years. To enhance the industry's productivity and cost-effectiveness, the Government is actively promoting the application of advanced technology and innovative construction methods.

The responses to the questions raised are as follows: -

(1) The Government is adopting multi-pronged measures to assist the construction industry in establishing large-scale, highly automated steel reinforcing bar (rebar) prefabrication yards to enhance productivity, built quality, environmental performance and site safety. The measures include encouraging contractors to use rebar products made by the rebar prefabrication yards approved by the Civil Engineering and Development Department (CEDD) and streamlining the regulatory mechanism for public and private sector works to facilitate the operation of rebar prefabrication yards. At present, there are two rebar prefabrication yards on the CEDD-approved list and another two are applying for approval. We do not have information on the number of jobs created by the yards. We will from time to time review the land requirements for developing the rebar prefabrication processing industry in Hong Kong.

(2)–(5) In addition to prefabrication of steel reinforcing bars, the Government is promoting the adoption of Modular Integrated Construction (MiC) in Hong Kong. In an MiC project, building modules are manufactured and assembled in prefabrication workshops and factories. As a result, most of the labour-intensive and time-consuming site operations, such as steel fixing, formwork erection, concreting, building services installations and internal finishing, are completed off-site. The completed modules are then delivered to the building site for efficient installation. Overseas experience suggests that MiC could reduce the time for constructing the superstructure of a 20-storey building by over 50%.

While MiC is a mature construction method widely used in many advanced jurisdictions, it is relatively new in Hong Kong. The Government will take the lead by championing pilot projects to demonstrate the feasibility of this innovative construction method for erecting high-rise buildings in Hong Kong. Currently, the Mainland, Australia and Malaysia are the three major exporters of MiC modules. Before factories are established locally to produce such modules for local use, we have to rely on imports in the short term. As mentioned in the Budget Speech this year, we are conducting studies on relevant local manufacturing facilities. The provision of land for MiC manufacturing facilities will be examined in the studies.

(6) The projects in question are still at a very preliminary stage and we will have a better estimation of the relevant project expenditures at a later stage.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2690)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In 2018-19, the Works Branch will "oversee the review of payment approach with Guangdong authorities on future Dongjiang water agreements after 2020." In this connection, will the Administration inform this Committee of:

1. the progress of the review, the anticipated date of completion, and whether there is a timetable for the work;

2. the format, the number of working meetings, the number of officials involved and their ranks, and the expenditure regarding the work on the review of the Dongjiang water payment approach; and

3. Has the Administration suggested using the "payment on actual supply quantity" approach instead of "package deal lump sum". If yes, what are the details. If no, what are the reasons?

Asked by: Hon MO Claudia (Member Question No. (LegCo use): 16)

Reply:

1. As the current "package deal lump sum" approach has been adopted in the Dongjiang (DJ) water supply agreements for more than 10 years since its first application in 2006, it is considered an appropriate time to review the approach. We have thus set up a working group with the Guangdong (GD) authorities in August 2017 to take forward the review. The review is expected to be completed before the negotiation for the next supply agreement in 2020.

2. The working group has held meetings since its establishment in August 2017. Each side has three members. The Hong Kong side is led by an Assistant Director of the Water Supplies Department together with two senior professionals. The expenditure of the review is mainly internal staff

resources and the travelling expenses of the government officials to attend meetings.

3. In addition to reviewing the current “package deal lump sum” approach, alternative payment approaches, including “payment on actual supply quantity” and other options of combining fixed lump sum payment and variable sum payment based on actual supply quantity etc. will also be explored. We do not have the details of the alternative approaches at this stage. In any event, we will ensure that Hong Kong’s water supply security will not be adversely affected as a result of the review.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No.2438)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title):

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the $1 billion Construction Innovation and Technology Fund proposed in the Budget, please inform this Committee of the following:

(1) What are the implementation details of the Fund, including the commencement date for application, the application criteria, the application procedures, the amount of funding, and the manpower and expenditure involved?

(2) Whether the Administration has consulted or will it consult the technology sector, the construction sector, the academic sector and other stakeholders on the types of innovative technologies and technical know-how that will receive funding? If yes, what are the details? If no, what are the reasons?

(3) Will priority be given to local technology companies for them to provide technical know-how and services to applicants?

(4) It is mentioned in the Budget that the Fund will also support students and practitioners of the construction industry to receive training on innovative construction technologies. What are the details?

(5) Regarding the training mentioned in (4), whether the Administration has consulted or will it consult the technology sector, the construction sector, the academic sector and other stakeholders on the content of the training courses? If yes, what are the details? If no, what are the reasons?

Asked by: Hon MOK Charles Peter (Member Question No. (LegCo use): 100)

Reply:

The primary objectives of the Construction Innovation and Technology Fund are to encourage a wider adoption of innovative construction methods and new technologies, and to prepare practitioners and students of construction-related disciplines to embrace new technologies, with a view to promoting productivity, raising built quality, improving site

safety and enhancing environmental performance. The use of advanced technologies will also help enhance the professional image of the construction industry and attract new blood.

The information sought is provided as follows:

(1), (2) & (3) To ensure effective and efficient use of the fund, we will seek to simplify the application and vetting procedures to provide timely support for applications so as to facilitate their adoption of new technologies and associated products, such as Building Information Modelling, Modular Integrated Construction and prefabricated steel bar products from local prefabrication yards. We will also make reference to the latest technologies sourced by the Construction Industry Council's Construction Industry Technology Application Centre.

Target participants would be those directly involved in project design and implementation, including levy-paying contractors, subcontractors registered under the Subcontractor Registration Scheme maintained by the Construction Industry Council, and consultants on the lists and directories maintained by the Government or professional institutions. Local technology companies will be welcome to provide technical solutions for adoption by the construction industry. We are consulting all industry stakeholders with a view to formulating suitable implementation arrangements, including eligibility criteria, to meet industry needs.

(4) & (5) Regarding manpower development, the Fund will support industry practitioners (ranging from skilled workers to professionals) and tertiary students of relevant disciplines so that they can receive training at avant-garde construction institutions, attend conferences and take part in technology visits. We are consulting industry stakeholders, professional institutions and academia on the formulation of implementation details. We will take into account factors such as resource implications, relevance to construction innovation, training efficacy and prudent use of public money when drawing up the parameters (e.g. nature and duration of training courses, training places) of the Fund.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3209)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the Government's adoption of the Building Information Modelling (BIM) technology, please inform this Committee of the following:

(1) Please list by year the numbers of public works projects that have adopted BIM technology and their percentages against the overall numbers of projects in the past 3 years;

(2) Last year, the Government said that it would actively seek to apply BIM technology in the design of major government capital works projects from this year onwards, and require consultants and contractors undertaking design or construction to adopt BIM technology. What are the implementation progress and the timetable?

(3) Is there any provision for BIM adoption included in the outsourced government works contracts? If yes, how many contracts have included this provision so far, and of these contracts, what are the respective numbers and percentages of consultancy and construction contracts?

(4) Will BIM adoption be required in carrying out all the outsourced government works projects in future? If yes, what are the specific requirements? If no, what are the reasons?

(5) What are the details of training provided for civil servants in BIM adoption in public works projects in the past 3 years, including the training targets, the numbers of officers trained and the expenditures involved per year?

(6) Are there any statistics on the prevalence of BIM adoption in the industry? If yes, what are the details?

(7) In 2014, the Government engaged a consultant to formulate standards and specifications for BIM adoption in the construction works of Hong Kong. What are the details of work in promoting the use of the standards and specifications in the industry in the past few years? Will the Government step up its efforts to promote the development and adoption of BIM technology in the industry (including financial assistance schemes), and conduct publicity and public education activities to raise public awareness of this technology and the

benefits of its adoption in the implementation of works projects? If yes, what are the specific details?

Asked by: Hon MOK Charles Peter (Member Question No. (LegCo use): 102)

Reply:

1. In the past three years, works departments have been conducting pilot trials in public works projects to allow their staff to get familiar with Building Information Modelling (BIM) technology and the associated process, and to experience the benefits of the technology. The number of public works projects involving the trial of BIM technology against the number of public works projects in the same year are as follows -

Financial year	Number of public works projects involving trial of BIM technology	Number of public works projects	Percentage
2015-16	32	268	12%
2016-17	38	293	13%
2017-18	36	274	13%

2, 3 & 4. From January 2018 onwards, works departments are required to adopt BIM technology in designing and implementing capital works projects costing over $30 million. We anticipate that about 65 consultancies and contracts scheduled for tender invitation in 2018 will involve the use of BIM technology. Among them, about 35% will be consultancies and 65% will be works contracts. Their names and details are shown on the webpage "Forecast of Consultancies and Works Tenders" on the website of Development Bureau (DEVB) and will be updated quarterly. The link to the webpage is as follows -

https://www.devb.gov.hk/en/construction_sector_matters/tender_notices/forecast_of_consultancies_and_tenders/index.html

5. Works departments have been arranging their staff to attend basic BIM awareness training, in-depth appreciation training and hands-on training workshops, as appropriate, to equip them with the BIM knowledge and skills necessary for effectively discharging their duties. Training statistics for the past three years are as follows-

Financial year	Number of staff* attending BIM-related training	Training expenditure ($ million)
2015-16	730	0.93
2016-17	759	1.30
2017-18	896	2.33

* including civil service and non-civil service contract staff

6. The Government does not have specific statistics on the prevalence of BIM adoption in the industry at this stage. However, we can observe that there is a positive trend towards adopting BIM in the industry, as evidenced by its adoption by developers, consultants and contractors in some major projects and developments, and the increasing

number of BIM-related training courses, conferences and experience sharing activities arranged by the industry in recent years.

7. DEVB has been collaborating with the Construction Industry Council (CIC) in supporting and promoting the use of BIM technology in the construction industry. The CIC launched BIM Standards (Phase One) in 2015. It also established a Committee on BIM in mid-2017 to formulate a BIM adoption roadmap in consultation with relevant stakeholders and develop corresponding BIM technical standards, specifications, guidelines and common practices in phases according to the roadmap. BIM conferences have been held for publicity/educational purposes and will continue to be organised. Furthermore, the CIC established the Construction Innovation and Technology Application Centre (CITAC) in November 2017 to provide the latest information on local and overseas construction technologies with a view to promoting local adoption. BIM technology is one of the major exhibits at the CITAC.

In the 2018-19 Budget, the Financial Secretary proposed to set up a $1 billion Construction Innovation and Technology Fund. The fund will, among other things, provide financial assistance for BIM training, procurement of associated hardware/software and trial adoption of BIM in local projects with a view to expediting the application of BIM technology in the construction industry. The Government plans to seek the approval of the Finance Committee of the Legislative Council in mid-2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0552)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Please list by year the numbers of public works contracts commenced, the total costs of works and the average costs of works in the past 5 years. Among them, how many contracts required, or in which the contractors specified, the provision of allowances to workers attending the "Safety Training Course for Construction Workers of Specified Trade (silver card course)"? How many contracts required, or in which the contractors specified, the provision of labour relations officers? Also, what were the numbers of labour relations/complaint cases and the people involved? If no, what were the reasons?

Asked by: Hon POON Siu-ping (Member Question No. (LegCo use): 50)

Reply:

Based on our records, the number and total value of public works contracts commenced, the average contract value and information relating to safety training and labour relations officers in each of the past five financial years are as follows:

	2013-14	2014-15	2015-16	2016-17	2017-18
No. of public works contracts commenced	159	141	167	186	199
Total contract value ($ million)	77,390	28,772	57,338	36,720	57,270
Average contract value ($ million)	487	204	343	197	288

	2013-14	2014-15	2015-16	2016-17	2017-18
No. of contracts requiring provision of allowances to workers attending "silver card course"	84	52	78	71	43
No. of contracts requiring provision of labour relations officers	99	52	92	87	63

Note 1: Only contracts with a value of more than $4 million are included.

Note 2: For 2017-18, the figures shown are up to mid-March 2018.

The number of labour relations cases reported in each of the past five financial years and the number of workers involved are as follows:

	2013-14	2014-15	2015-16	2016-17	2017-18
No. of labour relations cases	24	25	17	31	28
No. of workers involved	484	1572	517	707	327

Note 3: Labour relations cases generally concern wage arrears and related complaints.

Note 4: All labour relations cases reported in a financial year include those that happened under contracts that commenced in previous financial years.

Note 5: For 2017-18, the figures shown are up to mid-March 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0622)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the public works under the programme Intra-Governmental Services, please inform this Committee of:

1) the numbers of works contracts, their contract values, as well as the numbers of safety audits, safety officers and safety supervisors involved in the Pay for Safety Scheme (PFSS) in each of the past 5 years;

2) the existing specific measures, the revised contents, the revised timetable and the share of payment under the PFSS after its revision in 2016; and

3) the specific details, the measures and the implementation timetable related to "the review of the public works procurement system"; as well as the specific details of the provisions, training, equipment and staff related to occupational safety and the relevant measures in this area.

Asked by: Hon POON Siu-ping (Member Question No. (LegCo use): 51)

Reply:

1) The number of active works contracts, their total contract value, and the numbers of safety auditors, safety officers and safety supervisors involved in public works contracts in each of the past five years are summarised in the following table:

Financial Year	Total No. of Active Works Contracts (Total value in $ billion)	Total No. of Safety Auditors	Total No. of Safety Officers	Total No. of Safety Supervisors
2013-14	296 (245)	318	390	985
2014-15	286 (261)	308	392	960
2015-16	317 (291)	347	451	1 151
2016-17	321 (303)	354	464	1 233
2017-18	338 (276)	376	490	1 252

2) In mid-2015, we conducted a review of the Safety Management System, including the Pay for Safety Scheme (PFSS), for public works contracts. The Legislative Council's Panel on Development was informed of the review findings and the proposed enhancements in late 2016 via the information paper LC Paper No. CB(1)291/16-17(01). Subsequently, we promulgated the proposed enhancements in phases starting from mid-2017.

The proposed enhancements to the PFSS mainly include adding a new payment item on prevention of heat stroke and simplifying as well as streamlining the existing payment arrangement without compromising site safety. Details were given in Enclosure 2 to the information paper LC Paper No. CB(1)291/16-17(01). We intend to implement the PFSS-related enhancements by mid-2018. After that, the total amount of safety-related payment items will account for a maximum of 2.9 per cent of the total contract sum.

3) The Development Bureau reviews and enhances the procurement system for public works projects continually to respond to changes in market conditions for the sustainable growth of the construction industry. In late 2016, we reviewed and promulgated the listing requirements of the procurement system to facilitate entry and subsequent promotion for new contractors. In 2017, we reviewed the criteria for tender evaluation by including a contractor's contribution to workers' training as an assessment criterion and increasing the marking weighting for safety aspects.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1979)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention in 2018-19 that the Administration will carry out the smart city consultancy and proof-of-concept trials, and facilitate different sectors to use Kowloon East as a test bed to explore the feasibility of developing a smart city. What are the (i) specific measures; (2) timetables; and (3) expenditures involved?

Asked by: Hon QUAT Elizabeth (Member Question No. (LegCo use): 17)

Reply:

The Energizing Kowloon East Office (EKEO) commissioned a consultancy study to explore smart city development in Kowloon East (KE) in February 2016. The study aims to formulate a framework strategy, set directions and priorities for various smart city proposals in KE. Among other recommendations, the study has proposed eight proof of concept (PoC) trials for implementation in KE. The Stage 1 public engagement (PE) exercise was completed in January 2017 and the Stage 2 PE exercise is scheduled for the third quarter of 2018. The study is targeted for completion by end 2018 at a cost of approximately $7.8 million.

Besides the study, the following measures have been launched since the announcement of the KE smart city initiative in the 2015 Policy Address:

a. EKEO continues to implement eight PoC trials. Existing manpower resources are deployed to manage the study and the PoC trials. The timetables and expenditures of the PoC trials are as follows:

	PoC Trial	Timetable	Expenditure ($ million)
Completed			
1	Smart Crowd Management System	Completed in May 2017	0.35 (Actual)
2	Persona and Preference-based Way-finding for Pedestrians	Completed in first quarter of 2018	1.26 (Actual)
Ongoing			
3	Energy Efficiency Data System	Commenced in September 2017 for completion in second quarter of 2019	1.63 (Estimate)
4	Kerbside Loading and Unloading Bay Monitoring System	Commenced in January 2018 for completion in second quarter of 2019	1.50 (Estimate)
PoC Trials under Preparation			
5	Multi-purpose Lamp Post	Target to commence in second quarter of 2018	To be determined, subject to finalisation of tender specifications
6	Smart Waste Bin System	Target to commence in second quarter of 2018	
7	Real-time Road Works Information	Target to commence in third quarter of 2018	
8	Illegal Parking Monitoring System	Target to commence in third quarter of 2018	

More details can be found in the https://www.ekeo.gov.hk/en/smart_city/index.html webpage.

b. Since November 2016, requirements for provision of smart water meter system and electric vehicle charging facilities have been stipulated for all new land sale sites in KE, and supply of real-time parking vacancy information is also required at appropriate land sale sites in KE. New government buildings in KE will generally comply with the same requirements.

c. A mobile app "My Kowloon East" was launched in December 2016 to promote smart city development in KE and to serve as an interactive platform for real-time data sharing. Real-time parking vacancy data of about 55% of the hourly parking spaces in KE are already made available through the mobile app. The mobile app includes other functions such as suggesting personalised walking routes according to users' needs and preferences.

d. To create a knowledge-driven platform for co-creating a smart KE, EKEO encourages universities and research institutes to develop innovative smart city solutions and has provided policy support for smart city-related research projects using KE as a test bed in their funding applications. Five such research projects have already secured research funding from various sources and are ongoing. EKEO also facilitates CLP

Power's smart energy community project which involves the installation of energy-saving devices for several developments in the Kai Tak Development Area.

Existing resources are deployed for the implementation of the above measures except the PoC trials.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0056)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In paragraph 113 of his Budget speech, the Financial Secretary has mentioned the Construction Innovation and Technology Application Centre established by the Construction Industry Council last year. He mentions that this centre will lead the industry to embrace innovation through collecting, exhibiting and experiencing the latest construction technologies and applications. However, under the existing Building Ordinance, limited enhancement can be made under such inflexible and stringent building restrictions set out by the said ordinance. Given that the said Centre has already operated for a year, please provide indicators including the number of construction projects that embraced innovation, the scale of innovation has been adopted in local construction projects, the target of innovation application and the details of works of this centre.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 1)

Reply:

The construction industry needs concerted efforts to enhance its productivity and competitiveness through a wider adoption of innovation and technology. With this in mind, the Construction Industry Council established the Construction Innovation and Technology Application Centre (CITAC), which was officially opened in late November 2017. The aim of the centre is to explore and identify innovative techniques and technologies, both locally and internationally, that are suitable for adoption by the Hong Kong construction industry. In the long run, it intends to establish a global research network to promote interdisciplinary research and application geared towards enhancement of productivity and safety performance.

Although the CITAC has opened for only about three months, we observe that construction projects have already started to embrace technologies displayed at the centre. For example, exoskeletons and zero-gravity arms are under trial by a major local contractor to

better protect its workers in lifting heavy equipment and machinery. We can also see that the construction industry is transforming itself as it enters a "digital built" era. Building Information Modelling (BIM) technology is starting to be adopted widely in projects of different natures, scales and complexities, with about 65 major capital works consultancies and contracts involving the use of BIM scheduled for tender invitation in 2018.

The 2018 work plan of the CITAC includes -

i. scouting for the latest and emerging construction technologies and techniques to be showcased at its exhibition centre, where 23 exhibits are currently on display;
ii. identifying and prioritising "quick wins", as well as formulating roadmaps for the adoption of new technologies on construction sites;
iii. organising seminars and conferences on various innovative technologies such as BIM, robotics and automation, internet of things, Design for Manufacture and Assembly etc; and
iv. organising publicity and marketing activities.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0057)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Financial Secretary mentioned in paragraph 113 of his Budget speech that the Government will adopt building information modelling (BIM) technology in the design and construction of major government capital works project and the Construction Industry Council will formulate BIM technical standards, help equip the industry and encourage the use of such technology in private works projects. Under this connection, will the Administration inform this Council the timetable and implementation scale of BIM technology in major government capital works project in details for the upcoming five financial years. Please also inform this Council the funding and resources that would be allocated to CIC to formulate the BIM technical standards, the timetable for formulating the BIM technical standards as well as the target of the implementing of BIM technical standards in private works projects in the upcoming five financial years. Will the Government consider providing financial assistance to local industry to adopt the BIM technical standards? If yes, of the details; if no, of the reasons.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 2)

Reply:

Works departments are required to adopt Building Information Modelling (BIM) technology in designing and implementing capital works projects costing over $30M from January 2018 onwards. We anticipate that about 65 consultancies and contracts scheduled for tender invitation in 2018 will involve the use of BIM technology. Based on the planned infrastructure programme, it is anticipated that the annual capital works expenditure in the coming five financial years will exceed $80 billion, subject to approval by the Finance Committee (FC) of the Legislative Council. Among them, all capital works projects costing over $30 million will adopt BIM technology.

To support and promote the use of BIM technology in the construction industry, the Construction Industry Council (CIC) launched BIM Standards (Phase One) in 2015. The

CIC also established a Committee on BIM in mid-2017 to formulate a BIM adoption roadmap in consultation with relevant stakeholders and develop corresponding BIM technical standards, specifications, guidelines and common practices in phases according to the roadmap using their own funding. The Government will work closely with the CIC in the process and provide assistance as necessary.

In the 2018-19 Budget, the Financial Secretary proposed to set up a $1 billion Construction Innovation and Technology Fund. The fund will, among other things, provide financial assistance for BIM training, procurement of associated hardware/software and trial adoption of BIM in local projects with a view to expediting the application of BIM technology in the construction industry. The Government plans to seek the FC's approval for the fund in mid-2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0058)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Financial Secretary has mentioned in paragraph 114 of his Budget speech that the Government will take the lead in piloting Modular Integrated Construction (MiC) in public projects and is considering extending the current gross floor area concessions for promoting green and innovation buildings to cover buildings adopting MiC. He has mentioned that the Government is conducting studies on relevant manufacturing facilities to promote the wider use of such a construction method in Hong Kong. When will the aforementioned studies be finalised? Does the Government consult trades and the construction industry while conducting such studies? If yes, of the details and the timetable and scale of adopting MiC in Hong Kong, including private projects. If no, of the reasons.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 3)

Reply:

Hong Kong has been beset with high construction costs and a shortage of skilled labour in recent years. To enhance the productivity and cost-effectiveness of the construction industry, the Government is actively promoting the application of advanced technology and innovative construction methods.

One such method is Modular Integrated Construction (MiC), a mature construction method widely used in many advanced jurisdictions. It applies the concepts of "Design for Manufacturing and Assembling" and "factory assembly followed by on-site installation". With MiC, most of the labour-intensive and time-consuming site operations are completed in off-site prefabrication yards so as to shorten construction time and reduce site manpower demand, thereby uplifting construction productivity.

The Government is taking the lead by implementing pilot projects (e.g. a student residence project of the University of Hong Kong in Wong Chuk Hang) to demonstrate the feasibility

of using this innovative construction method for erecting high-rise buildings and to advocate the adoption of MiC in Hong Kong in both public and private projects.

Relevant studies on MiC manufacturing facilities are still in very initial stages under the joint efforts of the Government and the construction industry. We anticipate that preliminary study findings would be available in the second half of 2019. During the studies, relevant trades and industry stakeholders will be engaged.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0059)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In paragraph 115 of the Budget speech, the Financial Secretary proposes to set up a $1 billion Construction Innovation and Technology Fund to boost the capacities of enterprises and practitioners in the construction industry to adopt new technology. He mentions that eligible contractors, registered sub-contractors and consultants can apply for financial support from the Fund to acquire the software and hardware as well as to nurture the expertise required for using local and overseas innovation construction technologies. What kind of measures will the Government adopt in order to make sure that it will provide effective and efficient approval so that technology used for applying the said Fund would remain new and up-to-date for the use of local construction industry? In addition, will the Government provide in details the criteria to become eligible contractors, registered sub-contractors and consultants for the application of financial support from the Fund?

The Financial Secretary has also mentioned that the aforementioned Fund will also support students and practitioners of the construction industry to receive training on innovation construction technologies. Will the Administration inform this Council the details of trainings and courses that are accepted for the application of financial support from the Construction Innovation and Technology Fund? What are the requirements for becoming eligible students and practitioners of the construction industry for the relevant application? Is there a limit or specific target for this policy initiative? If yes, of the details.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 4)

Reply:

The primary objectives of the Construction Innovation and Technology Fund are to encourage a wider adoption of innovative construction methods and new technologies, and to prepare practitioners and students of construction-related disciplines to embrace new technologies, with a view to promoting productivity, raising built quality, improving site safety and enhancing environmental performance. The use of advanced technologies will also help enhance the professional image of the construction industry and attract new blood.

To ensure effective and efficient use of the fund, we will seek to simplify the application and vetting procedures to provide timely support for applicants so as to facilitate their adoption of new technologies and associated products, such as Building Information Modelling, Modular Integrated Construction and prefabricated steel bar products from local prefabrication yards. We will also make reference to the latest technologies sourced by the Construction Industry Council's Construction Industry Technology Application Centre.

Target participants would be those directly involved in project design and implementation, including levy-paying contractors, subcontractors registered under the Subcontractor Registration Scheme maintained by the Construction Industry Council, and consultants on the lists and directories maintained by the Government or professional institutions. We are consulting industry stakeholders with a view to formulating suitable implementation arrangements, including eligibility criteria, to meet industry needs.

Regarding manpower development, the Fund will support industry practitioners (ranging from skilled workers to professionals) and tertiary students of relevant disciplines so that they can receive training at avant-garde construction institutions, attend conferences and take part in technology visits. We are consulting industry stakeholders, professional institutions and academia on the formulation of implementation details. We will take into account factors such as resource implications, relevance to construction innovation, training efficacy and prudent use of public money when drawing up the parameters (e.g. nature and duration of training courses, training places) of the Fund.

We plan to submit our detailed proposals to the Legislative Council Panel for Development in mid-2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0093)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

With the launch of various infrastructure projects and the increase of housing production in future, there is a severe labour shortage in the construction industry. The Government states that it will monitor the progress of the various initiatives in relation to the manpower resources in the construction industry. In this connection, will the Government inform this Committee of:

(a) the most recent data about labour shortage in various trades of the construction industry. Please provide a breakdown by trade with the shortfall of workers for each of the trades;

(b) the numbers of student intakes for the training courses in each trade provided by the Construction Industry Council and the Vocational Training Council in each of the past 3 years; as well as the percentages of student intakes against the places available; and

(c) any detailed plans to encourage new entrants to join the construction industry; if yes, of the details; if no, of the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 29)

Reply:

(a) The Construction Industry Council (CIC) has been closely monitoring the demand and supply of skilled workers. According to the CIC's latest manpower forecast, published in January 2018, the trades with major manpower shortages in 2018 are as follows —

Trades	Labour Shortage
Plasterer	501 – 1 000
Plumber	501 – 1 000
Refrigeration / Air-Conditioning / Ventilation Mechanic	501 – 1 000

Trades	Labour Shortage
Lift and Escalator Mechanic	501 – 1 000
Bar Bender and Fixer	501 – 1 000
Metal Worker	501 – 1 000
Electrical Fitter	≤ 500
Scaffolder	≤ 500
Plant and Equipment Operator (Load Shifting)	≤ 500
General Welder	≤ 500
Fire Service Mechanic	≤ 500
Concretor	≤ 500
Carpenter	≤ 500

(b) The numbers of students admitted to training courses provided by the CIC and Vocational Training Council (VTC) for the above-listed trades in each of the past three years are set out below —

CIC

Trades	Calendar Year					
	2015		2016		2017	
	Student intake	Percentage of student intake against training places	Student intake	Percentage of student intake against training places	Student intake	Percentage of student intake against training places
Plasterer	329	68%	409	71%	514	76%
Plumber	300	80%	365	95%	446	92%
Refrigeration / Air-Conditioning / Ventilation Mechanic	29	81%	22	69%	44	71%
Lift and Escalator Mechanic	11	42%	51	64%	6	12%
Bar Bender and Fixer	1 125	95%	1 319	96%	1 211	87%
Metal Worker	127	67%	168	77%	158	67%
Electrical Fitter	125	100%	112	93%	116	97%
Scaffolder	114	71%	158	69%	126	66%
Plant and Equipment Operator (Load Shifting)	58	100%	69	100%	120	94%
General Welder	140	100%	200	74%	219	83%
Fire Service Mechanic	-	-	7	12%	16	44%
Concretor	118	64%	199	53%	194	62%
Carpenter	675	65%	831	72%	860	80%

VTC

Trades	Academic Year					
	2015-16		2016-17		2017-18 (Provisional)	
	Student intake	Percentage of student intake against training places	Student intake	Percentage of student intake against training places	Student intake	Percentage of student intake against training places
Plant and Equipment Operator (Load Shifting)*	689	92%	683	91%	636	85%
General Welder *						
Metal Worker *						
Plumber #	(a) 1 416 (b) 942	(a) 97% (b) 100%	(a) 1 516 (b) 1 047	(a) 98% (b) 95%	(a) 1 598 (b) 1 125	(a) 94% (b) 96%
Electrical Fitter #						
Refrigeration / Air-Conditioning / Ventilation Mechanic #						
Fire Service Mechanic #						
Lift and Escalator Mechanic #						

Remarks:

* Including full-time/part-time intake for the Diploma in Vocational Education (Secondary 3) (Mechanical Engineering)

\# Including full-time/part-time intake for the Diploma in Vocational Education (Secondary 3) [Streams: (a) Electrical Engineering and (b) Building Services Engineering]

(c) We are working closely with the CIC and industry stakeholders to attract new blood, primarily through the following measures —

(i) Establishment of the Hong Kong Institute of Construction (HKIC)

The CIC established the HKIC in 2018 to train high-calibre construction practitioners to meet industry demand. By offering programmes recognised under the Qualification Framework (QF), such as diploma courses (QF Level 3), with a clear career progression path, the HKIC will help encourage youngsters to join the industry.

(ii) Enhancing Training for Workers

The CIC is strengthening its efforts to enhance collaborative training schemes. To encourage contractors and their subcontractors to enhance in-service skills training, the Government introduced a new technical score on workers' training in its tender evaluation for public works contracts in August 2017. As a result of this initiative, there was a 28% growth in yearly recruits under the collaborative training schemes in 2017 as compared with 2016.

(iii) Establishment of the STEM Alliance

To arouse students' interest in the construction industry, the CIC has formed the STEM Alliance to strengthen the network between secondary schools and the industry.

(iv) Services and Support for Ethnic Minorities

The CIC has set up the Ethnic Minority Service Team to enhance its services and support for ethnic minorities. In order to attract ethnic minority students to join the construction industry, the CIC organised a three-day taster programme in December 2017 to stimulate their interest in the construction industry.

(v) Promoting a Positive Image for the Construction Industry

We have been working with the CIC to promote the industry and attract newcomers through announcements in the public interest on TV and radio, hoardings around construction sites, sports and volunteering activities, etc. The CIC has also established the Construction Innovation and Technology Application Centre to nurture an innovative culture among practitioners to enhance professionalism and project a positive image for the construction industry.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No.3142)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the Budget Speech that the Government "will adopt building information modelling (BIM) technology in the design and construction of major government capital works projects. The Construction Industry Council will formulate BIM technical standards, help equip the industry and encourage the use of such technology in private works projects." Will the Government inform this Committee:

a) of the amount of resources and the staff establishment involved in adopting BIM technology in works projects;
b) of the names and details of projects that are expected to adopt BIM technology in the financial year 2018-19; and
c) whether the Administration has any detailed plans to promote the development and adoption of BIM technology? If yes, what are the details? If no, what are the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 35)

Reply:

a) Works departments are required to adopt BIM technology in designing and implementing capital works projects costing over $30 million from January 2018 onwards. A total of 25 time-limited civil service posts with a 10-year duration will be created in the Development Bureau (DEVB) and works departments from 2018-19, with the total estimated expenditure being $200 million, to provide the project teams responsible for spearheading the adoption of BIM technology with the manpower required.

b) We anticipate that about 65 consultancies and contracts scheduled for tender invitation in 2018 will involve the adoption of BIM technology. The names and details of those consultancies and contracts are shown on the webpage "Forecast of Consultancies and

Works Tenders" on the DEVB website and will be updated quarterly. The link to the webpage is as follows -

https://www.devb.gov.hk/en/construction_sector_matters/tender_notices/forecast_of_consultancies_and_tenders/index.html

c) DEVB has been collaborating with the Construction Industry Council in supporting and promoting the use of BIM technology in the construction industry. In the 2018-19 Budget, the Financial Secretary proposed to set up a $1 billion Construction Innovation and Technology Fund. The fund will, among other things, provide financial assistance for BIM training, procurement of associated hardware/software and trial adoption of BIM in local projects with a view to expediting the application of BIM technology in the construction industry. The Government plans to seek the approval of the Finance Committee of the Legislative Council in mid-2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3188)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In 2016, the Development Bureau established the Project Cost Management Office (PCMO) to strengthen cost management of capital works projects. In replying to questions raised by Members in examining the Estimates of Expenditure in 2017-18, the Administration indicated that the PCMO targeted to carry out the cost scrutiny of around 100 projects at the planning and design stage in 2017-18. In this connection, please set out the following information:

a) the actual number of projects at the planning and design stage that were scrutinised by the Administration in 2017-18, and the total amount and the percentage saved in all these projects;

b) whether any conclusions have been drawn regarding the reasons for achieving cost saving in works projects? If yes, what are the details? If no, what are the reasons? and

c) the target number of projects to be scrutinised in 2018-19?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 40)

Reply:

The Project Cost Management Office (PCMO) was established in June 2016 to strengthen management over construction costs and enhance the cost-effectiveness of public works projects in order to ensure that public funds are spent properly and effectively.

Our responses to the questions raised are as follows: -

(a) In 2017-18, PCMO has reviewed the cost estimates of about 70 projects, including those concerning site formation, government offices, staff quarters, hospitals, schools, parks, roadworks, waterworks, drainage works etc. The reviews have led to savings of about 12% in project costs, or about $11 billion.

(b) From the projects examined, we have noted that on occasions in striving to satisfy the requirements of various stakeholders, cost implications may not have been accorded a higher priority. To tackle this issue, PCMO has exercised rigorous cost management for public works projects through system re-engineering and design optimisation, and will continue to do so. At the moment, we are comprehensively reviewing thevarious policies and requirements on public works projects. Under the overriding principle of not compromising the functionality, quality and safety of any works, we are also exploring different design options and construction methods so as to optimise project design on the basis of "fitness for purpose" and "no frills" to ensure cost-effectiveness.

(c) In 2018-19, PCMO aims to scrutinise the costs of around 80 projects at the planning and design stage to ensure that the projects are carried out cost-effectively.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3396)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention in 2018-19 that the Works Branch will continue the drafting of a new legislation to enhance payment practice in the construction industry. Please specify the scope of the bill to be drafted, details of the proposals and the scale, the manpower and resources allocated for the work, and the timetables for the submission of the bill to the Legislative Council and the implementation of the bill.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 45)

Reply:

The Construction Industry Security of Payment Bill aims to promote fair payment practices and enhance cash flows in the construction industry. It seeks not only to ensure that service providers can receive timely payments when their work is completed, but also to introduce an adjudication system to speed up the settlement of payment disputes.

The provisions of the Bill, once enacted, will apply to-

(a) construction contracts entered into by the Government and specified statutory/public bodies or corporations;
(b) private sector construction contracts:
    (i) with a value exceeding $5 million, or consultancies or supply-only contracts with a value exceeding $0.5 million, and
    (ii) for construction of new structures or construction works that will result in changes of more than 50% of the existing structures;
(c) sub-contracts of all tiers of a construction contract under (a) or (b) above, regardless of value.

We are drafting the Bill with in-house resources with input from one Assistant Secretary and two Senior Government Counsels from the Development Bureau, and one Senior Government Counsel and one Government Counsel from the Department of Justice. We

will strive to introduce the Bill to the Legislative Council in 2018-19. A transitional period will be allowed after the enactment of the legislation for industry stakeholders to make necessary arrangements (e.g. revise contract forms) to conform to the requirements under the legislation.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3410)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Government Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2018-19, the Administration states that it will introduce the bill to enhance payment practice in the construction industry. Under this connection, will the Administration inform this Council the scope, the legislative initiative, the legislative timetable of this bill.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 76)

Reply:

The Construction Industry Security of Payment Bill aims to promote fair payment practices and enhances cash flows in the construction industry. It seeks not only to ensure that service providers can receive timely payments when their work is completed, but also to introduce an adjudication system to speed up the settlement of payment disputes.

The provisions of the Bill, once enacted, will apply to-

(a) all construction contracts entered into by the Government and specified statutory/public bodies or corporations;
(b) private sector construction contracts :
    (i) with a value exceeding $5 million, or to consultancies or supply-only contracts with a value exceeding $0.5 million, and
    (ii) for construction of new structures or construction works that will result in changes of more than 50% to existing structures;
(c) sub-contracts of all tiers of a construction contract under (a) or (b) above, regardless of value.

We are drafting the Bill and will strive to introduce it to the Legislative Council in 2018-19.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3419)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the work to "carry out the smart city consultancy and proof-of-concept trials, and facilitate different sectors to use Kowloon East as a test bed to explore the feasibility of developing a smart city", please provide the following information:

1. Whether there are timetables for the consultancy and the trials? If yes, what are the details? If no, what are the reasons?

2. What are the costs required?

3. Whether an assessment has been made of the level of public participation and its effectiveness? If yes, what are the details? If no, what are the reasons?

4. Whether new measures will be necessary to further promote public participation. If yes, what are the details? If no, what are the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 73)

Reply:

1 & 2. The Energizing Kowloon East Office (EKEO) commissioned a consultancy study to explore smart city development in Kowloon East (KE) in February 2016. The Stage 1 public engagement (PE) exercise was completed in January 2017 and the Stage 2 PE exercise is scheduled for the third quarter of 2018. The study is targeted for completion by end 2018 at a cost of approximately $7.8 million. Among other recommendations, the study has proposed eight proof of concept (PoC) trials for implementation in Kowloon East. The timetables and expenditures of the PoC trials are as follows:

	PoC Trial	Timetable	Expenditure ($ million)
Completed			
1	Smart Crowd Management System	Completed in May 2017	0.35 (Actual)
2	Persona and Preference-based Way-finding for Pedestrians	Completed in first quarter of 2018	1.26 (Actual)
Ongoing			
3	Energy Efficiency Data System	Commenced in September 2017 for completion in second quarter of 2019	1.63 (Estimate)
4	Kerbside Loading and Unloading Bay Monitoring System	Commenced in January 2018 for completion in second quarter of 2019	1.50 (Estimate)
PoC Trials under Preparation			
5	Multi-purpose Lamp Post	Target to commence in second quarter of 2018	Subject to finalisation of tender specifications
6	Smart Waste Bin System	Target to commence in second quarter of 2018	
7	Real-time Road Works Information	Target to commence in third quarter of 2018	
8	Illegal Parking Monitoring System	Target to commence in third quarter of 2018	

More details can be found in the https://www.ekeo.gov.hk/en/smart_city/index.html webpage.

3. To facilitate co-creation in Smart City development in KE, EKEO promotes participation from all sectors in various ways including the following:

(a) A public engagement (PE) exercise under the consultancy study was held between November 2016 and January 2017. The PE exercise comprised roving exhibitions, focus group meetings and workshops. An exhibition, allowing different innovative technologies to showcase, was also held. These events were attended by over 600 participants in total. All stakeholders and the general public are welcome to provide views and suggestions on Smart City development in KE anytime.

(b) The community, in particular the local community in KE, have been invited to take part in relevant PoC trials, such as the trial on Smart Crowd Management System providing real-time information to the runners, organiser and government departments concerned during the marathon event in KE, and the trial on Energy Efficiency Data System inviting households in Kai Ching Estate and Tak Long Estate to participate.

(c) EKEO encourages universities and research institutes to develop innovative smart city solutions and has provided policy support for smart city-related

research projects using KE as a test bed in their funding applications. Five such research projects have already secured research funding from various sources and are ongoing. EKEO also facilitates CLP Power's smart energy community project which involves the installation of energy-saving devices for several developments in the Kai Tak Development Area.

(d) EKEO have been proactively inviting car park owners/operators in KE to provide real-time parking vacancy data for dissemination via the My Kowloon East (MyKE) mobile app. About 55% of the hourly parking spaces in KE are already providing such data. More car parks are expected to join the system.

(e) EKEO has been supporting schools, universities and non-profit making organisations in holding various smart city-related activities including briefings, workshops, case studies, and competitions for students. Workshops for teachers and volunteers working with students on Science, Technology, Engineering and Mathematics (STEM) studies were also held. Over 1 000 participants attended these events in total.

The above events, activities and projects were generally well received with positive responses.

4. The Stage 2 PE exercise under the consultancy study will be held in the third quarter of 2018 and a symposium is being planned for late 2018 to enable more knowledge sharing on the Smart City development in KE. We will continue to engage the community to demonstrate the benefits that may be brought about by Smart City development.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3420)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the work to "monitor the progress of the various initiatives and enhanced them where necessary" for the manpower resources in the construction industry, please provide the following information:

1. It is estimated by the construction industry that it will still be short of about 10 000 to 15 000 skilled workers in the next few years. In light of the current situation, can local workers meet the demand? If yes, what are the details? If no, how will the shortage be addressed?

2. Will the Administration consider relaxing the application requirements of the Supplementary Labour Scheme in the new financial year? If yes, what are the details? If no, what are the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 77)

Reply:

1. According to the latest manpower forecast published by the Construction Industry Council (CIC) in January 2018, there will be a shortage of about 5 000 to 10 000 skilled workers in the coming five years. To address this challenge, we are implementing a number of measures in collaboration with the CIC and industry stakeholders, as follows —

   (a) Establishment of the Hong Kong Institute of Construction (HKIC)

   The CIC established the HKIC in 2018 to train high-calibre construction practitioners to meet industry demand. By offering programmes recognised under the Qualification Framework (QF), such as diploma courses (QF Level 3),

with a clear career progression path, the HKIC will help encourage youngsters to join the industry.

(b) Enhancing Training for Workers

The CIC is strengthening its effort to enhance collaborative training schemes. To encourage contractors and their subcontractors to enhance in-service skills training, the Government introduced a new technical score on workers' training in its tender evaluation for public works contracts in August 2017. As a result of this initiative, there is a 28% growth in yearly recruits under the collaborative training schemes in 2017 as compared with 2016.

(c) Establishment of the STEM Alliance

To arouse students' interest in the construction industry, the CIC has formed the STEM Alliance to strengthen the network between secondary schools and the industry.

(d) Services and Support for Ethnic Minorities

The CIC has set up the Ethnic Minority Service Team to enhance its services and support for ethnic minorities. In order to attract ethnic minority students to join the construction industry, the CIC organised a three-day taster programme in December 2017 to stimulate their interest in the construction industry.

(e) Promoting a Positive Image for the Construction Industry

We have been working with the CIC to promote the industry's image and attract newcomers through announcements in the public interest on TV and radio, hoardings around construction sites, sports and volunteering activities, etc. The CIC has also established the Construction Innovation and Technology Application Centre to nurture an innovative culture among practitioners to enhance professionalism and project a positive image for the construction industry.

(f) Encouraging Adoption of Innovative Construction Technologies

To address manpower shortages, we will encourage the industry to enhance productivity through a wider adoption of innovative construction methods and new technologies by establishing the $1 billion Construction Innovation and Technology Fund.

2. According to the CIC's forecast, the overall annual construction expenditure in Hong Kong will exceed $250 billion in the coming five years. We will continue to monitor the manpower situation closely, strengthen training initiatives and promote the industry vigorously with a view to attracting local entrants to meet the manpower demand generated by the high volume of work. On the premise of giving employment priority to local workers and safeguarding their wage levels, contractors of projects in genuine need may apply for importing construction workers at the technician level or below through the Supplementary Labour Scheme.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3421)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the work to "continue to promote the construction and related professional services and to liaise with the relevant Mainland authorities to pursue further market access in the Mainland, with focus on extending the existing scope of the professional services and striving for further liberalisation measures, direct provision of services in Pilot Free Trade Zones and more opportunities to participate in the national foreign aid projects", please provide the following information:

1. Please set out in detail the specific achievements attained in promoting Hong Kong's construction and related professional services to the Mainland with focus on extending the existing scope of the professional services and striving for further liberalisation measures in the past 3 years.

2. It is said that the construction and related professional services are shrinking in the Mainland market as compared with the past and that it is difficult to expand their businesses. Has the Administration noticed and evaluated the situation? If yes, what are the details? If no, what are the reasons?

3. Is there any information on the Hong Kong enterprises that have participated in the national foreign aid projects in the past 5 years? If yes, please list the projects, locations, content and business turnovers respectively. If no, what are the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 78)

Reply

1. For the construction and related engineering professions, the liberalisation measures secured by Hong Kong in the past 3 years are mainly as follows:

- On the basis of the Guangdong Agreement under the Mainland and Hong Kong Closer Economic Partnership Arrangement (CEPA), the Mainland and Hong Kong signed the Agreement on Trade in Services in November 2015. As undertaken in this latter agreement, the geographical coverage of the liberalisation measures

which have opened up 11 sub-sectors of construction and related engineering services for participation by Mainland-registered Hong Kong enterprises on a "national treatment" basis has been extended from Guangdong to the entire Mainland. In addition, most of the liberalisation measures already implemented in Guangdong have also been extended to Guangxi and Fujian. For example, Hong Kong professionals who have obtained Mainland construction professional qualifications through mutual recognition are allowed to register and practise in Guangdong, Guangxi and Fujian and enjoy the same treatment as Mainland professionals having the same professional qualifications.

- In February 2016, the Development Bureau (DEVB) signed the Co-operation Arrangement for Trial Implementation of Hong Kong Construction Model in Qianhai Shenzhen-Hong Kong Modern Service Industry Co-operation Zone of Shenzhen with the Qianhai Authority and the Housing and Construction Bureau of Shenzhen. The measures that have already been launched by the Qianhai Authority include the selection of two pilot projects to adopt the "Hong Kong construction management model", the promulgation of the Register of Hong Kong Professional Firms and the establishment of a registration system for Hong Kong professionals. Enterprises on the list and registered professionals need not satisfy the Mainland's enterprise qualifications or registration requirements before they can provide services directly for construction projects wholly owned or with majority shares held by Hong Kong businesses.

- In June 2017, the Mainland and Hong Kong signed the Agreement on Economic and Technical Co-operation under the CEPA framework, undertaking to, among other things, deepen the co-operation between Hong Kong and the three Free Trade Zones, namely Qianhai, Hengqin and Nansha, and support sustained negotiations on the continuation and extension of the arrangements over mutual recognition of professional qualifications between the two sides.

- DEVB and the Hengqin Management Committee signed a co-operation agreement in August 2017. A working group has been set up by the two sides to extend the co-operation and liberalisation measures being implemented in Qianhai to Hengqin.

2. DEVB has all along maintained close contact and communication with the construction and engineering professions in Hong Kong. We consult with members of the professions from time to time to learn about the difficulties they have encountered when practising and starting their businesses in the Mainland, relay their suggestions and problems to relevant Mainland authorities and discuss with them so as to address those problems. DEVB does not have statistics on the businesses run by these professions in the Mainland. That said, to create more business opportunities for them in the Mainland, we have all along strived to secure more liberalisation measures for Hong Kong's construction and related professions, and widen the market for our construction industry through negotiations with relevant Mainland authorities.

3. In the past five years, two Hong Kong consultants have undertaken supervision contracts of two national foreign aid projects through open tender. Details are as follows:

Country	**Nepal**	**Cambodia**
Project name	Supervising the construction of the National Armed Police Force Academy in Nepal	Supervising the construction of Kratie Agricultural Technical Schools in Cambodia
Total tender price	US$2.298M	US$1.086M
Percentage against the total project cost	7.9%	10.1%

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1000)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not Specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In 2018-19, the Works Branch will set up a dedicated team for overseeing the performance of the Water Supplies Department on water safety aspect as well as the related consultancy studies with a view to establishing a suitable water safety regime in Hong Kong. Will the Administration inform this Committee of the membership of the dedicated team and its work plan, as well as the scope of the related consultancy studies with a breakdown of expenditures?

Asked by: Hon SHIU Ka-fai (Member Question No. (LegCo use): 38)

Reply:

The proposed dedicated team will be led by a Principal Government Engineer (PGE), the post of which is yet to be created. Subject to approval of the Legislative Council, we plan to create the proposed PGE post in 2018-19. The PGE will be supported by five non-directorate civil servants and contract staff of professional and general grades. Subject to further development of the regulatory regime as mentioned in the ensuing paragraphs, we will review the final set-up of the dedicated team in due course.

The dedicated team will monitor the performance of the Water Supplies Department (WSD) over drinking water safety in an independent manner. It will carry out its own regular audits and surprise checks, and arrange additional external audits through engaging independent auditing firms, as and when necessary, on WSD's quality system for supplying potable water. The team will also provide secretariat support to the operation of the Drinking Water Safety Advisory Committee (the Committee) which was set up by the Government in January 2018 with members comprising academics and experts of related fields to give impartial advice to the Development Bureau on various drinking water safety issues.

In addition to the above, the dedicated team will conduct a detailed study to establish a drinking water safety regulatory regime suitable for Hong Kong (the Study). The scope of the Study is mainly to devise a model of drinking water safety regulatory regime taking into account the relevant conditions in Hong Kong. It is expected that the Study will take about 18 months to complete. The estimated cost of the Study is about $3 million and its estimated expenditure in 2018-19 is $2.3 million. Subject to the outcome of the Study, further studies, such as the ensuing implementation details, may need to be carried out in due course. The dedicated team will seek advice from the Committee and liaise with experts of different sectors and relevant government bureaux and departments throughout the course of the Study.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2270)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In the financial year 2018-19, financial provision for the programme Energizing Kowloon East under the Works Branch of the Development Bureau is $43.4 million, which is an increase of 11.3% over the original estimate in the previous financial year. What purposes will the additional provision be used for? What percentage of the provision will be used for the development of Kwun Tong and Wong Tai Sin? What is the amount set aside for the planning and development of the San Po Kong Business Area.

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 51)

Reply:

It was announced in the Policy Agenda in October 2017 that the Energizing Kowloon East initiative would be extended to San Po Kong. The additional financial provision of $1.2 million in 2018-19 (equivalent to an increase of 2.8% when compared with the revised estimate of 2017-18) is mainly to cater for the additional staff resources required by the Energizing Kowloon East Office to take forward this new initiative, which includes the planning and development of projects in the San Po Kong Business Area.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2271)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In the previous financial year, the Administration carried out a planning and engineering study on the Kwun Tong Action Area. What is the progress of the study so far and what are the related expenditures and costs of the study? When will the findings of the study be available with specific recommendations made?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 52)

Reply:

The Planning and Engineering Study on Kwun Tong Action Area (KTAA) – Feasibility Study has formulated a Preliminary Outline Development Plan (PODP) for KTAA and water body co-use proposals at Kwun Tong Typhoon Shelter for consultation with the Kwun Tong District Council, the Kowloon City District Council, the Task Force on Kai Tak Harbourfront Development of the Harbourfront Commission, and the Land and Development Advisory Committee between August and November 2017. The PODP has been refined to take account of the comments received. Various technical assessments are being undertaken for the formulation of a Recommended Outline Development Plan. The cost of the study is about $7.5 million. The findings and recommendations of the study are expected to be available by end 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3131)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Administration will extend the Energizing Kowloon East initiative to San Po Kong. What development/works projects have been launched so far or are expected to be launched in the area? What are the manpower and expenditure involved as well as the commencement and completion dates for each project (please set out in tabular form)? What is the percentage of expenditure per project against the overall expenditure for the new financial year?

The Back Alley Project @ Kowloon East of the Energizing Kowloon East Office has been criticised by the public as ineffective. (Hundreds of thousands of dollars were spent to invite artists to paint graffiti to beautify a number of back alleys, which are ridiculed as "ugly alleys" and the project is queried for wasting public money.) Will the Administration transplant the much-criticised Back Alley Project @ Kowloon East to San Po Kong? If yes, what are the details?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 53)

Reply:

Following the announcement of extending the Energizing Kowloon East initiative to San Po Kong in the Policy Agenda in October 2017, the Energizing Kowloon East Office (EKEO) commissioned a consultancy study in February 2018 to formulate a comprehensive plan for enhancing the connectivity, walkability and traffic condition in the San Po Kong area. The study will propose improvement measures for taking forward progressively to support the transformation of the area. EKEO has also holistically reviewed the planned Sze Mei Street District Open Space (DOS) project and proposed phased development in order to incorporate an underground public vehicle park at the Kai Tak East Playground site to cater for the parking demand. In tandem, EKEO is exploring with relevant government bureaux and departments on other proposals for the area.

In addition, car park owners and operators in the San Po Kong area have been invited to provide real-time parking vacancy data via the "My Kowloon East" (MyKE) mobile app. To promote walkability, EKEO plans to expand the "Easy Walking" and "Self-guided Tour" functions in MyKE to cover San Po Kong. Besides, EKEO's proof of concept (PoC) trial on illegal parking monitoring system will include a trial location in San Po Kong.

More information of the above known projects is provided below. For more relevant comparison, the percentage of expenditure per project against the overall expenditure in the new financial year is expressed in terms of the same category of work.

Project Name	**Estimated Expenditure in 2018-19**	**Commencement / Completion**	**Percentage of EKEO's expenditure in 2018-19**
San Po Kong Business Area Pedestrian Environment and Traffic Improvement – Feasibility Study	$2 million (consultancy fee)	February 2018 / Q1 2019	About 18% of expenditure on consultancy studies.
Sze Mei Street DOS second phase development	As the proposal is at planning stage, the estimated expenditure of the project has yet to be assessed.	To be determined	To be determined.
Various functions in MyKE Mobile App	In-house resources	Q1 2018 / Q4 2018	Not applicable
PoC Trial on Illegal Parking Monitoring System	To be determined, subject to finalisation of tender specifications.	Q3 2018 / Q4 2019	To be determined.

The number of staff in EKEO is currently 25 and will increase to 29 in 2018-19.

On the Back Alley Project @ Kowloon East, on-site surveys conducted in 2016 and 2017 indicated that more pedestrians were using all the revitalised back alleys than before. The pedestrian flow in some of them has increased by more than 13% to around 18%. As the Wong Tai Sin District Council has requested for extending the project to San Po Kong, EKEO will explore the feasibility of transforming suitable back alleys in the area to form part of the pedestrian network.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3201)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Administration will extend the Energizing Kowloon East initiative to the industrial area in San Po Kong to actively transform it into a new business area. However, many people and members of the community have complained about the large number of industrial buildings, and serious traffic congestion and vehicle-pedestrian conflicts in the area. In the new financial year, what are the amount of financial provision and manpower earmarked for studying, planning and co-ordinating policies to ease the traffic problems in San Po Kong and meet the conditions for developing it into a core business district in Kowloon East in future?

Has the Administration considered implementing measures to widen the carriageways and pavements in the area to ease the abovementioned traffic problems? If yes, what are the details and the expenditure involved? If no, what are the reasons?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 54)

Reply:

Following the announcement of extending the Energizing Kowloon East initiative to San Po Kong in the Policy Agenda in October 2017, the Energizing Kowloon East Office (EKEO) commissioned a consultancy study at an amount of $2.61 million in February 2018 to formulate a comprehensive plan for enhancing the connectivity, walkability and traffic situation in the San Po Kong Business Area (SPKBA). The study will identify and assess the feasibility of improvement schemes and their associated costs, covering footpath and road widening works, and prioritise the improvement schemes for implementation. The details and estimated expenditure of the improvement schemes would be available upon completion of the study.

To address the parking demand in SPKBA, EKEO is exploring with relevant bureaux and departments for providing an underground public vehicle park (PVP) underneath part of the

proposed Sze Mei Street District Open Space. As the proposal is at a preliminary stage, the estimated expenditure of the project has yet to be assessed.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2778)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Government has mentioned the adoption of Building Information Modelling (BIM) technology in the construction industry. Is BIM technology a patented product that requires an annual service fee? What is the amount of government expenditure incurred by the technology per year? Also, how will the Administration popularise the use of the technology in future?

Asked by: Hon WAN Siu-kin, Andrew (Member Question No. (LegCo use): 203)

Reply:

BIM is a construction work process which uses computer software to model the building assets in question and their surrounding environment three-dimensionally, so that designers and contractors can review, verify and improve the design in a virtual environment collaboratively before actual construction work starts. This process has proven to help minimise changes, reduce risks and render clarity to project costs at different stages. There are quite a number of BIM software packages available on the market. They can be purchased as off-the-shelf software suites or subscribed through paying an annual fee.

In the past two fiscal years (2016-17 and 2017-18), 40 capital works projects have adopted BIM technology at their design and/or construction stage, with their BIM-related expenditures (including those on hardware, software, consultancy studies and staff training) being $17.2 million and $26.1 million respectively.

To promote the use of BIM technology, works departments are required to adopt the technology in the design and construction of capital works projects costing over $30M from January 2018 onwards. The Development Bureau has been collaborating with the Construction Industry Council in supporting and promoting the use of BIM technology in

the construction industry. In the 2018-19 Budget, the Financial Secretary proposed to set up a $1 billion Construction Innovation and Technology Fund. The fund will, among other things, provide financial assistance for BIM training, procurement of associated hardware/software and trial adoption of BIM in local projects with a view to expediting the application of BIM technology in the construction industry. The Government plans to seek the approval of the Finance Committee of the Legislative Council in mid-2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2780)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): (000) Operational expenses

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Government has mentioned that it is now assisting the construction industry in establishing large-scale, highly automated steel reinforcing bar prefabrication yards. Where are the sites identified? Will the Government rent out the sites by way of private treaty? What are the land values and tenure in the treaties drawn up by the Government?

Asked by: Hon WAN Siu-kin, Andrew (Member Question No. (LegCo use):204)

Reply:

The Government is adopting multi-pronged measures to assist the construction industry in establishing large-scale, highly automated steel reinforcing bar (rebar) prefabrication yards to enhance productivity, built quality, environmental performance and site safety. The measures include encouraging contractors to use rebar products made by the rebar prefabrication yards approved by the Civil Engineering and Development Department (CEDD) and streamlining the regulatory mechanism for public and private sector works to cope with the operation of rebar prefabrication yards. At present, there are two rebar prefabrication yards (located in Tsing Yi and Tuen Mun respectively) in the CEDD-approved list. Also, there are two other yards (located in Tsing Yi and Tai Po respectively) applying to be included in the list. The approved rebar yard in Tsing Yi is on government land leased in 2014 for six years and nine months by short-term tenancy through open tender.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2448)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

The Construction Industry Council established the Construction Innovation and Technology Application Centre last year, leading the industry to embrace innovation through collecting, exhibiting and experiencing the latest construction technologies and applications. Regarding the application centre, will the Government inform this Committee of:

1. the types of new construction technologies and new technologies it has brought in so far that are applicable to the local construction industry;

2. the staff establishment; and

3. the amount of expenditure per year?

Asked by: Hon WONG Kwok-kin (Member Question No. (LegCo use): 48)

Reply:

1. While the Construction Innovation and Technology Application Centre (CITAC) was officially opened only in late November 2017, we observe that construction projects have already started to embrace technologies displayed at the centre. For example, exoskeletons and zero-gravity arms are under trial by a major local contractor to better protect its workers in lifting heavy equipment and machinery. We can also see the construction industry is transforming itself as it enters a "digital built" era. Building Information Modelling (BIM) technology is starting to be adopted widely in projects of different natures, scales and complexities, with about 65 major capital works consultancies and contracts involving the use of BIM scheduled for tender invitation in 2018.

2. The Construction Industry Council has currently deployed nine full-time staff at the CITAC. Staff of the CITAC are not on the civil service establishment.

3. The Construction Industry Council funds the operation of the CITAC and has earmarked $140 million for the first five years (from 2017 to 2022) of the CITAC's operations. The CITAC's operating budget for 2018-19 is about $24 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3146)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the Construction Innovation and Technology Fund, consultants can apply for financial support from the Fund; and the Fund will also support students and practitioners of the construction industry to receive training on innovative construction technologies. In this connection, will the Government inform this Committee of the following:

1. What will be the unit dedicated to overseeing the funding applications under the Fund and monitoring the use of funding? and

2. Will there be any guidelines formulated for the approval of applications? If yes, when will such guidelines be formulated? If no, will the Administration formulate guidelines to better ensure that the approval process is fair and just?

Asked by: Hon WONG Kwok-kin (Member Question No. (LegCo use): 49)

Reply:

The primary objectives of the Construction Innovation and Technology Fund are to encourage wider adoption of innovative construction methods and new technologies, and to prepare practitioners and students of construction-related disciplines to embrace new technologies, with a view to promoting productivity, raising built quality, improving site safety and enhancing environmental performance. The use of advanced technologies will also help enhance the professional image of the construction industry and attract new blood.

The information sought is provided as follows:

(1) We will commission the Construction Industry Council, a statutory body with a mission to encourage the use of innovative techniques and advance the skills of construction industry personnel, to operate the Fund, including vetting applications, disbursing funds, conducting spot checks etc. A steering committee, to be chaired by

the Permanent Secretary for Development (Works), will be set up under the Development Bureau to oversee and monitor the Fund's implementation.

(2) We are consulting industry stakeholders with a view to formulating suitable implementation arrangements to meet industry needs and ensure a fair and just approval process.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3593)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the work to promote walkability in Kowloon East through short, medium and long-term measures proposed under the pedestrian and traffic environment feasibility studies on the Kowloon Bay and Kwun Tong Business Areas, please inform this Committee of the following:

1. What are the details of the improvement works completed, in progress and under planning, the expenditures involved, and the anticipated commencement and completion dates in the past 2 years?

2. Regarding the proposals to further improve the pedestrian environment in the Kowloon Bay area formulated under the study, how many consultancy contracts are being drafted and awarded by the Energizing Kowloon East Office? What are the contractual details including the objectives of the studies, the expenditures, the winning consultants and the contractual periods?

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 141)

Reply:

1. The Energizing Kowloon East Office (EKEO) commissioned two consultancy studies to formulate short, medium and long-term improvement measures for promoting walkability and improving the traffic condition in the Kowloon Bay and Kwun Tong Business Areas. The details of the improvement works completed, in progress and under planning in the past 2 years are summarised in the table below:

Item No.	Nature of Project	Details of Improvement Works	Status	Estimated Expenditure ($ million)
1	Minor Works by HyD	12 items of pedestrian improvement works in the Kowloon Bay Business Area (KBBA)	50% completed (including 3 items in the past 2 years)	33.99

Item No.	Nature of Project	Details of Improvement Works	Status	Estimated Expenditure ($ million)
2	Minor Works by HyD	20 items of pedestrian improvement works in the Kwun Tong Business Area (KTBA)	40% completed	
3	Minor Works by HyD	Revitalisation of 11 back alleys in KTBA	Completed (including 5 back alleys in the past 2 years)	
4	Minor Works by HyD	Tai Yip Street Link improvement works	Design in progress	
5	Minor Works by ArchSD	Refurbishment/Provision of 5 sitting-out areas along Green Spine and Green Link in KBBA	45% completed	
6	Public Works Programme (PWP) Project by HyD	Footbridge across Kai Fuk Road to replace existing subway	Design study in progress	55.00
7	PWP Project by CEDD	Northern Kai Tak Link (except footbridge across Kai Fuk Road) and Southern Kai Tak Link	Design study in progress	Funding for these PWP projects subject to the approval of the Finance Committee of the Legislative Council
8	PWP Project by HyD	Proposed footbridge near Mass Transit Railway (MTR) Kowloon Bay Station Exit B	Design study in progress	
9	PWP Project by HyD	Proposed footbridge near Ngau Tau Kok Police Station and associated road works	Investigation study in progress	
10	PWP Project by HyD	Pedestrian Environment Improvement Works in KTBA (Ngau Tau Kok Portion) including construction of subways between MTR Ngau Tau Kok Station and Hoi Bun Road Park	Investigation study in progress	
11	PWP Project by DSD	Revitalisation of King Yip Lane and footbridge across Kwun Tong Road	Design study in progress	
12	Project under planning	Proposed footbridge near MTR Kowloon Bay Station Exit A	For inclusion in PWP	Subject to study

ArchSD – Architectural Services Department
CEDD – Civil Engineering and Development Department
DSD – Drainage Services Department
HyD – Highways Department

The proposed minor works are targeted for substantial completion by the end of 2018-19. We will progressively take forward the PWP projects including carrying out the required studies. Their implementation programmes are subject to the outcome of the investigation/design studies and funding approval.

2. Items 1, 4 to 9 and 12 in the table above cover improvement proposals formulated for KBBA. We are actively taking forward the various proposals in collaboration with the government departments concerned. More details on those involving consultancies are provided below:

Improvement Works	Consultancy	Objective	Estimated Expenditure ($ million)	Consultant Appointed	Contractual Period of Consultancy
Proposed Footbridge near MTR Kowloon Bay Station Exit B (by HyD)	Proposed Footbridge near Kowloon Bay MTR Station Exit B – Investigation, Design and Construction	To design and provide construction supervision for the proposed footbridge	4.68 (consultancy fee)	WSP(Asia) Limited	October 2016 to end of construction period
Northern Kai Tak Link (section by HyD)	Central Kowloon Route (CKR) – Design and Construction	The overall objective is to achieve the goal of constructing CKR. One of the specific objectives is to provide a footbridge across Kai Fuk Road prior to demolition of the existing subway under the implementation of CKR.	No separate breakdown for the footbridge as it is a lump sum consultancy	Arup - Mott MacDonald Joint Venture	June 2011 to 2027
Northern Kai Tak Link (section by CEDD)	Kai Tak Development – Infrastructure at Former Runway and Remaining Areas of North Apron and Improvement of Adjacent Waterways – Design and Construction	The main objective is to design and supervise the construction of infrastructure, environmental improvement and associated works to enable implementation of the planned developments in Kai Tak Development, including a footbridge linking KBBA across Kai Tak Approach Channel.	No separate breakdown for the footbridge as it is a lump sum consultancy	AECOM	Under review to suit the pace of the development of nearby sites
Southern Kai Tak Link (by CEDD)	Kai Tak Development – Trunk Road T2 and Infrastructure at South Apron – Investigation, Design and Construction	The main objective is to investigate, design and supervise the construction of Trunk Road T2 and infrastructure at the former south apron, including a footbridge linking KBBA across Trunk Road T2.	No separate breakdown for the footbridge as it is a lump sum consultancy	Hyder-Meinhardt Joint Venture	Under review to suit the pace of the development of nearby sites

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3594)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Please inform this Committee of the details of the following works projects in 2018-19, as well as the expenditures and manpower involved:

1) face-lifting of the Hoi Bun Road Park and Lam Wah Street Playground together with their adjacent areas;

2) conversion of Tsun Yip Street Playground and associated reprovisioning of ballcourts;

3) transformation of King Yip Street nullah into Tsui Ping River; and

4) implementation of Tsui Ping River Garden.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 142)

Reply:

Relevant information of the above works projects is provided below:

Project Name	**Details of the Projects in 2018-19**	**Estimated Expenditure in 2018-19 (HK$ million)**
Improvement of Hoi Bun Road Park and adjacent area	Subject to funding approval by the Legislative Council, construction works will commence in 2018-19.	13.7
Improvement of Lam Wah Street Playground and adjacent area	Detailed design in progress.	Nil (in-house design)
Converting Tsun Yip Street Playground as Kwun Tong Industrial Culture Park	Construction works to be completed within 2018-19.	31.2

Reprovisioning of Tsun Yip Street Playground facilities to Hong Ning Road Park and Ngau Tau Kok Fresh Water Service Reservoir	Construction works to be in progress in 2018-19.	30.3
Revitalisation of Tsui Ping River	Detailed design in progress.	4.5 (design fee)
Reprovisioning of Shing Yip Street Rest Garden as Tsui Ping River Garden	Construction works to be completed within 2018-19.	35.0

The manpower involved in managing the above projects is absorbed by the existing resources of the Development Bureau and relevant government departments.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3595)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the work to "carry out the smart city consultancy including the proof of concept trials proposed under the framework strategy, and facilitate different sectors to use Kowloon East as a test bed to explore the feasibility of developing a smart city", please inform this Committee of the following:

1. What is the progress of the consultancy study? What are the expenditure for the study and its contractual period? What are the content, scope or direction regarding the study at present?

2. Regarding the "smart city" concept already proposed in the Policy Address in 2015, what measures or studies have been launched by the Energizing Kowloon East Office currently? What are the expenditures involved?

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 143)

Reply:

1. The Energizing Kowloon East Office (EKEO) commissioned a consultancy study to explore smart city development in Kowloon East (KE) in February 2016. The study aims to formulate a framework strategy, set directions and priorities for various smart city proposals in KE. Among other recommendations, the study has proposed eight proof of concept (PoC) trials for implementation in KE. The Stage 1 public engagement (PE) exercise was completed in January 2017 and the Stage 2 PE exercise is scheduled for the third quarter of 2018. The study is targeted for completion by end 2018 at a cost of approximately $7.8 million.

2. Besides the abovementioned study, the following measures have been launched since the announcement of the KE smart city initiative in the 2015 Policy Address:

a. EKEO continues to implement PoC trials. Two PoC trials (namely Smart Crowd Management System, and Persona and Preference-based Way-finding for Pedestrians) have been completed and two are ongoing (namely Energy Efficiency Data Management System, and Kerbside Loading/Unloading Bay Monitoring System). The total expenditure of the above PoC trials is about $4.74 million. The remaining four PoC trials are under preparation and their estimated expenditures are subject to the finalisation of tender specifications. More details on the PoC trials can be found in the https://www.ekeo.gov.hk/en/smart_city/index.html webpage.

b. Since November 2016, requirements for provision of smart water meter system and electric vehicle charging facilities have been stipulated for all new land sale sites in KE, and supply of real-time parking vacancy information is also required at appropriate land sale sites in KE. New government buildings in KE will generally comply with the same requirements.

c. A mobile app "My Kowloon East" was launched in December 2016 to promote smart city development in KE and to serve as an interactive platform for real-time data sharing. Real-time parking vacancy data of about 55% of the hourly parking spaces in KE are already made available through the mobile app. The mobile app includes other functions such as suggesting personalised walking routes according to users' needs and preferences.

d. To create a knowledge-driven platform for co-creating a smart KE, EKEO encourages universities and research institutes to develop innovative smart city solutions and has provided policy support for smart city-related research projects using KE as a test bed in their funding applications. Five such research projects have already secured research funding from various sources and are ongoing. EKEO also facilitates CLP Power's smart energy community project which involves the installation of energy-saving devices for several developments in the Kai Tak Development Area.

Existing resources are deployed for the implementation of the above measures except the PoC trials.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3186)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the life-cycle planning and management of street trees, please provide the following information:

a.) The costs for tree management in the past 3 years.

	Manpower cost	Administrative cost	Tender invitation cost (if any)	Logistics cost	Works cost	Premises rental (if any)	Responsible department
2015-16							
2016-17							
2017-18							

b.) Please set out in the table below the estimated costs for tree management for this year.

	Manpower cost	Administrative cost	Tender invitation cost (if any)	Logistics cost	Works cost	Premises rental (if any)	Responsible department
2018-19 (estimated)							

c.) Please set out in the table below the estimated costs for the outsourcing of tree management for this year.

	Company name	Project nature	Cost	Responsible department
2018-19 (estimated)				

d.) Please set out in the table below the costs for the outsourcing of tree management in the past 4 years.

	Company name	Project nature	Cost	Responsible department
2014-15				
2015-16				
2016-17				
2017-18				

e.)Please set out the principles of roadside tree management.

f.) Please set out the urban forestry principles for vegetation diversity.

g.) Please advise us of the costs for achieving the policy objective of continuing to formulate an urban forestry management strategy in the past 2 years.

h.) Please advise us of the provision for achieving the policy objective of continuing to formulate an urban forestry management strategy for this year.

Asked by: Hon YEUNG Alvin (Member Question No. (LegCo use): 27)

Reply:

a.) & b.) Tree management departments deploy their allocated resources to handle the maintenance of street trees as part of their normal duties regarding tree and facility management. There is no separate breakdown on the resources specifically for tree maintenance.

c.) & d.) Tree management contracts cover a range of general horticultural and vegetation maintenance services and include all the trees, shrubs, turf etc in areas under the purview of tree management departments. There is no separate breakdown on the cost of outsourcing street tree management work.

e.) On roadside tree planting, we advocate the basic planting principle of "Right Plant Right Place" and adopt a holistic approach taking into account the overall character of the street environment, land use, circulation, structures, below- and above-ground services and infrastructure, transport, vistas, urban furniture, functionality and subsequent maintainability.

f.) Maintaining a landscape of healthy vegetation is one of the most effective ways to safeguard tree health and public safety. Like any other living organisms, plants (including trees) grow, age and eventually decline. The management of this life-cycle is important in minimising tree risks to safeguard public safety while sustaining our urban forest. Besides the age profile of our landscape assets, a diversified plant community is preferred, as this can increase their resilience to pests and disease and, therefore, guard against a significant loss or the premature decline of trees.

g.) & h.) The formulation of an urban forestry management strategy is part of the normal duties of the staff of the Greening, Landscape and Tree Management Section. There is no separate breakdown on the resources dedicated to the individual tasks involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3507)

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services, (3) Facilities Development

Controlling Officer: Director of Architectural Services (Mrs LAM YU Ka-wai, Sylvia)

Director of Bureau: Secretary for Development

Question:

"Promote rooftop and vertical greening, and enhance practices on greening, landscape works and tree management in government building works" can be found under the Matters Requiring Special Attention in 2018-19 in both Programmes (1) Monitoring and Advisory Services and (3) Facilities Development. In regard to this, will the Administration inform this Committee of the following:

(1) A green roof structure at the City University of Hong Kong collapsed in May 2016. In this connection, has the Architectural Services Department (ArchSD) put in place any specific measures or publicity work in relation to the safety issue of these facilities while promoting rooftop and vertical greening? What are the manpower and estimates involved?

(2) What specific measures has the ArchSD formulated for implementation in connection with enhancing tree management in government building works? What are the manpower and estimates involved?

Asked by: Hon IP LAU Suk-yee, Regina (Member Question No. (LegCo use): 59)

Reply:

(1) It is the established practice of the Architectural Services Department (ArchSD) to include roof and vertical greening in its projects where practicable. ArchSD will provide technical advice to management departments if roof and vertical greening projects are initiated in government buildings. For works projects with roof and vertical greening, ArchSD will conduct feasibility studies, including the impact of such greening on building structures, before commencing the projects.

The estimated expenditures on rooftop and vertical greening projects in 2018-19 are as follows –

	Estimated Expenditure for 2018-19 ($ million)
(A) Rooftop greening	
- New buildings	11.4
- Retrofitted projects	3.0
Sub-total (A)	**14.4**
(B) Vertical greening	
- New buildings	11.8
- Retrofitted projects	0.4
Sub-total (B)	**12.2**

Note: Information is based on project status as at end of 2017. The estimated expenditures on rooftop greening exclude those on structural works.

ArchSD does not have staff specifically deployed for rooftop and vertical greening work. Thus, there is no separate breakdown of the manpower involved in handling such greening work.

(2) To enhance the management of trees under ArchSD's building works projects, ArchSD includes the requirement of tree risk assessments in building contracts and audits the implementation of such assessments in accordance with the "Guidelines for Auditing of Tree Risk Assessment for Tree Management Departments" promulgated by the Greening, Landscape and Tree Management Section of the Development Bureau in 2013.

ArchSD does not have staff specifically deployed for tree management work. Thus, there is no separate breakdown of the manpower and estimates involved for such work.

- End -

Examination of Estimates of Expenditure 2018-19 Reply Serial No.

DEVB(W)057

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3025)

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (3) Facilities Development

Controlling Officer: Director of Architectural Services (Mrs LAM YU Ka-wai, Sylvia)

Director of Bureau: Secretary for Development

Question:

Please advise if the Department has any plan to update the facility standards for new government buildings:

1. Drinking fountains should be provided in a building. If yes, what is the plan and the estimated expenditure involved? If not, what are the reasons?

2. Breast-feeding and baby-care facilities should be provided in a building. If yes, what is the plan and the estimated expenditure involved? If not, what are the reasons?

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 26)

Reply:

1. For a new government building project, the user department, having regard to the nature of the project, will consider including the installation of drinking fountains in the schedule of accommodation. As works related to drinking fountains are integrated with other contract works, an expenditure breakdown regarding the provision of drinking fountains is not available.

2. The Government supports the establishment of breast-feeding friendly environment. The user department will include breast-feeding and baby-care facilities in the schedule of accommodation as appropriate for the Architectural Services Department to carry out design and construction work. As works related to breast-feeding and baby-care facilities are integrated with other contract works, an expenditure breakdown regarding for the provision of such facilities is not available.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0494)

Head: (25) Architectural Services Department

Subhead (No. & title): (Not specified)

Programme: (3) Facilities Development

Controlling Officer: Director of Architectural Services (Mrs LAM YU Ka-wai, Sylvia)

Director of Bureau: Secretary for Development

Question:

It is mentioned under this Programme that the Department will plan and implement government facilities in Kai Tak, including hospitals, government offices, schools and recreational facilities. Please advise this Committee on the following:

1) the details of works projects commenced in each of the past 2 years, including the project titles, locations, areas, anticipated completion dates and expenditure involved;

2) the details of works projects that are expected to commence in 2018-19, including the project titles, locations, areas, anticipated completion dates and expenditure involved; and

3) the details of works projects that are expected to complete in 2018-19, including the project titles, locations, areas, anticipated completion dates and expenditure involved.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 21)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund does ***not*** *form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are* ***not*** *relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1) Please see Table 1 for details of works projects commenced in past two years.

2) Please see Table 2 for details of works projects expected to commence in 2018-19.

3) There are no works projects expected to be completed in 2018-19.

Table 1

Item	Project No.	Project Title	Location	Total Construction Floor Area (CFA)	Project Status	Commencement Date	Actual/ Anticipated Completion Date	2018-19 Estimated Expenditure ($ million)	Bureau/ Department involved
1.	3237LP	Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	105 Concorde Road, Kai Tak Development Site 1C1, Kowloon (address to be confirmed upon completion of the project)	58 503m^2	Construction works in progress	July 2016	Q4 2021	901.1	Security Bureau / Hong Kong Police Force
2.	3271ES	A 30-classroom secondary school at site 1A-2, Kai Tak Development, Kowloon	Muk Hung Street, Kai Tak Development Site 1A-2, Kowloon	12 944 m^2	Construction works in progress	Dec 2016	Q2 2019	140.0	Education Bureau
3.	3092MM	New Acute Hospital in the Kai Tak Development Area - Preparatory Works	Shing Cheong Road, Kai Tak Development Site 3C1(A) and Site 3C1(B), Kowloon	N/A (CFA only applicable to Main Building Works)	Design works and site investigation works & minor studies in progress	Sep 2017	Q1 2021	168.1	Food and Health Bureau (FHB)/ Hospital Authority (HA)

Item	Project No.	Project Title	Location	Total Construction Floor Area (CFA)	Project Status	Commencement Date	Actual/ Anticipated Completion Date	2018-19 Estimated Expenditure ($ million)	Bureau/ Department involved
1.	3094MM	New Acute Hospital in the Kai Tak Development Area – Foundation, Excavation & Lateral Support and Basement Excavation Works	Shing Cheong Road, Kai Tak Development Site 3C1(A) and Site 3C1(B), Kowloon	N/A (CFA only applicable to main building works)	Design stage	Q3 2018 (tentative)	Q4 2021 (tentative)	283.6 (subject to funding approval by the Legislative Council's Finance Committee (FC))	FHB/ HA
2.	3436RO	Avenue Park at Kai Tak	Concorde Road, Kai Tak	998 m^2	Tender stage	Q2 2018 (tentative)	Q4 2020 (tentative)	15.8 (tentative, subject to FC's funding approval)	Home Affairs Bureau (HAB)/ Leisure and Cultural Services Department (LCSD)

Item	Project No.	Project Title	Location	Total Construction Floor Area (CFA)	Project Status	Commencement Date	Actual/ Anticipated Completion Date	2018-19 Estimated Expenditure ($ million)	Bureau/ Department involved
3.	3122KA	Inland Revenue Tower in the Kai Tak Development Area	Concorde Road, Kai Tak Development Site 1D3, Kowloon	79 000 m^2	Endorsed by the Legislative Council's Public Works Subcommittee	Q3 2018 (tentative)	Q2 2022 (tentative)	126.2 (tentative, subject to FC's funding approval)	Financial Services and Treasury Bureau / Inland Revenue Department
4.	3467RO	Station Square at Kai Tak	Muk On Street, Kai Tak	9 647 m^2	Design stage	Q4 2018 (tentative)	Q4 2022 (tentative)	15.0 (tentative, subject to FC's funding approval)	HAB / LCSD
5.	3452RO	Waterfront promenade adjacent to Hong Kong Children's Hospital	Promenade area adjacent to Hong Kong Children's Hospital	115 m^2 (tentative)	Design stage	Q4 2018 (tentative)	Q3 2020 (tentative)	7.4 (tentative, subject to FC's funding approval)	HAB / LCSD

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0495)

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (3) Facilities Development

Controlling Officer: Director of Architectural Services (Mrs LAM YU Ka-wai, Sylvia)

Director of Bureau: Secretary for Development

Question:

In regard to the expenditure on works projects undertaken by the Architectural Services Department (ArchSD), please inform this Committee of the following:

1. among the capital works projects and refurbishment of government building projects awarded by the ArchSD in the past 3 years, the information of each project that experienced cost overrun in the following table format;

Project title	Estimated cost	Actual payment	Cause of cost overrun

2. the number of cases that actions had been taken by the ArchSD to recover the cost overruns from the contractors who failed to complete the works on schedule in each of the past 3 years.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 22)

Reply:

1. In the past three years, there has been no cost overrun in capital works or government building refurbishment projects awarded by ArchSD. Such projects are closely monitored by the department to ensure their expenditures are within their approved project estimates.

2. Given the above, there has been no need to take recovery action regarding cost overruns.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1579)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

It is stated in the matters requiring special attention under this Programme in 2018-19 that the Government will commence studies for various projects. In this connection, would the Government advise this Committee:

(1) the operational expenses, staffing establishment and estimated payroll expenditure to be involved in conducting the detailed feasibility study for the Environmentally Friendly Linkage System for Kowloon East in 2018-19;
(2) the operational expenses, staffing establishment and estimated payroll expenditure to be involved in commencing the review for the ground decontamination works at the site of ex-Kennedy Town incineration plant/abattoir and adjoining area in 2018-19;
(3) the operational expenses, staffing establishment and estimated payroll expenditure to be involved in continuing the preparatory work on strategic studies for artificial islands in the central waters in 2018-19;
(4) the operational expenses, staffing establishment and estimated payroll expenditure to be involved in continuing the preparatory work on planning and engineering study for nearshore reclamation at Lung Kwu Tan and Ma Liu Shui in 2018-19.

Asked by: Hon CHAN Chi-chuen (Member Question No. (LegCo use): 2)

Reply:

Operational expenses in 2018-19 under Head 33 for taking forward the items (1) to (4) are mainly personal emoluments of in-house staff working on the projects. The details are summarised below:-

Item	Operational Expenses ($ million) (Note 1)	Staffing (Note 2)
(1) Detailed feasibility study for the Environmentally Friendly Linkage System for	2.4	2 professional staff

Kowloon East		
Item	Operational Expenses ($ million) (Note 1)	Staffing (Note 2)
(2) Review for ground decontamination works at the site of ex-Kennedy Town incineration plant/abattoir and adjoining area	0.8	2 professional staff (Note 3)
(3) Preparatory work on strategic studies for artificial islands in the central waters	1.9	3 professional staff (Note 3)
(4) Preparatory work on planning and engineering study for nearshore reclamation at Lung Kwu Tan and Ma Liu Shui	4.8	4 professional staff

Note 1: Operational expenses refer to annual staff cost in terms of notional annual mid-point salary value.

Note 2: There are directorate officers overseeing the above projects as well as other supporting technical and clerical staff involved. There is no separate breakdown for the personal emoluments of such staff involved.

Note 3: The staff are working partially for the projects.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1584)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

It was stated in the matters requiring special attention under this Programme in 2018-19 that the Government would continue the preparatory work on the planning and engineering study for nearshore reclamation at Ma Liu Shui. Would the Government advise the staffing establishment and estimated annual payroll cost to be involved in this work in 2018-19?

Asked by: Hon CHAN Chi-chuen (Member Question No. (LegCo use): 8)

Reply:

Operational expenses in 2018-19 under Head 33 for taking forward the preparatory work on the planning and engineering study for nearshore reclamation at Ma Liu Shui are set out below:-

Item	Operational Expenses ($ million) (Note 1)	Staffing (Note 2)
Preparatory work on the planning and engineering study for nearshore reclamation at Ma Liu Shui	2.4	2 professional staff

Note 1: Operational expenses refer to annual staff cost in terms of notional annual mid-point salary value.

Note 2: There are directorate officers overseeing the above project as well as other supporting technical and clerical staff involved. There is no separate breakdown for the personal emoluments of such staff involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0600)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

The estimate expenditure under Programme (3) for 2018-19 is $668.2 million, increasing by 10.2% over the revised estimate for 2017-18. It is stated in the Analysis of Financial and Staffing Provision that there will be an increase of 66 posts under this Programme. Please specify:

(1) the posts and their job nature;

(2) the details of the expenditure to be involved in such posts.

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 36)

Reply:

(1) In 2018-19, 68 new posts will be created under Programme (3). As two time-limited posts will lapse in 2018-19, the net increase of posts in 2018-19 is 66. The nature of work and ranks of these 68 new posts are set out in the table below -

Item	Nature of Work	Number and rank of new posts to be created in 2018-19	Total
1	Landscape services on tree works quality review and vetting on infrastructure developments, land formation and geotechnical works	1 Chief Landscape Architect* 1 Senior Landscape Architect 2 Landscape Architect/ Assistant Landscape Architect 1 Field Officer I	5

2	Planning and development of the reclamation at Ma Liu Shui and Lung Kwu Tan	1 Senior Engineer 2 Engineer/ Assistant Engineer	3
Item	**Nature of Work**	**Number and rank of new posts to be created in 2018-19**	**Total**
3	Development and Conservation of Lantau	1 Senior Engineer 1 Senior Landscape Architect 1 Engineer/ Assistant Engineer 1 Structural Engineer/ Assistant Structural Engineer 1 Landscape Architect/ Assistant Landscape Architect 1 Senior Forestry Officer 4 Forestry Officer/ Assistant Forestry Officer	10
4	Strengthening the clerical support in the Administration Division in the Civil Engineering and Development Department (CEDD) Headquarters	2 Assistant Clerical Officer	2
5	Strengthening the administrative and clerical support in the East Development Office	1 Assistant Clerical Officer	1
6	Building Information Modelling implementation in CEDD	1 Senior Land Surveyor 1 Engineer/ Assistant Engineer 1 Senior Survey Officer 1 Technical Officer/ Technical Officer Trainee	4
7	Provision of engineering services to support development of potential sites in North District and Ma On Shan	1 Senior Engineer 1 Engineer/ Assistant Engineer	2
8	Implementation of the Lok Ma Chau Loop development	1 Chief Engineer 1 Senior Engineer 4 Engineer/ Assistant Engineer 1 Landscape Architect/ Assistant Landscape Architect	7
9	Overseeing the implementation of Cross Bay Link project	1 Engineer/ Assistant Engineer	1

Item	Nature of Work	Number and rank of new posts to be created in 2018-19	Total
10	Overseeing Site Formation and Infrastructure Works for Public Housing Sites	1 Government Engineer* 1 Chief Engineer* 4 Senior Engineer 1 Senior Landscape Architect 1 Senior Geotechnical Engineer 8 Engineer/ Assistant Engineer 1 Landscape Architect/ Assistant Landscape Architect 1 Geotechnical Engineer/ Assistant Geotechnical Engineer 1 Principal Technical Officer 1 Senior Technical Officer 3 Technical Officer/ Technical Officer Trainee 1 Senior Clerical Officer 1 Clerical Officer 3 Assistant Clerical Officer 2 Clerical Assistant	30
11	Public columbarium development in Tsuen Wan and Yuen Long Districts	1 Senior Engineer 2 Engineer/ Assistant Engineer	3
		Total:	68

* The creation of directorate posts is subject to the approval of the Finance Committee of Legislative Council.

(2) The annual staff cost for the net increase of the 66 posts is $56.2 million in terms of notional annual mid-point salary value.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1837)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Last year, there were suspected cases of falsifying concrete test reports on the part of the Public Works Laboratories under your Department. How will the Government step up its monitoring effort on the fronts of financial resources and staffing deployment in a bid to prevent the recurrence of such incidents?

Asked by: Hon CHAN Han-pan (Member Question No. (LegCo use): 41)

Reply:

After the suspected malpractice of falsifying concrete compression tests, the following resources and manpower improvement measures have been implemented to step up the quality assurance system of concrete cube compression tests:

1. deploying additional government staff to each of the consultants-manned Public Works Regional Laboratories to strengthen auditing of tests and monitoring of supervision by the Consultants;
2. installing additional CCTV for monitoring of concrete cube compression tests;
3. recording the tests by video cameras;
4. increasing the number of parallel testing;
5. strengthening routine auditing check of test records;
6. arranging different laboratories to carry out concrete compression tests on a rotational basis;
7. lengthening the retention period of all tested samples for random audit by consultants' supervisory staff and Government officers; and
8. regular rotation of consultants' staff to take part in testing of different materials.

In addition, the Civil Engineering and Development Department (CEDD) has set up a Review Team to comprehensively review the quality management system, outsourcing strategy and institutional arrangement of the Public Works Laboratories. The Review Team will complete the first stage review by mid-2018. The CEDD will consider and implement necessary improvement measures recommended by the Review Team.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1059)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

The Government will soon commence the construction of the advance works for the Tuen Mun to Tsuen Wan section of the cycle track network. In this connection, please advise this Committee:

a) whether the proposed cycle track has been opposed by local residents and, if yes, whether provision has been earmarked for compensation or expenses incurred by delays in works;

b) whether the Government has measures in place to control construction costs, given the construction cost of the Tuen Mun to Tsuen Wan section of the cycle track network is as high as $61,000 per metre;

c) whether the Government will consider either shelving the proposed works or exploring alternatives in the face of rising construction costs; and

d) whether the Government has set a timetable for the completion of the cycle track network connecting various areas in the New Territories and , if yes, the details of such a timetable.

Asked by: Hon CHAN Kin-por (Member Question No. (LegCo use): 8)
Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

a) The current design of the proposed advance works has incorporated comments of the public including members of the Tsuen Wan District Council. The scheme of the proposed advance works was gazetted under the Roads (Works, Use and Compensation) Ordinance (Cap. 370) in March 2016 and no objection was received during the statutory objection period.

b) We will tender the construction contract of the proposed advance works under established mechanism to ensure reasonable market prices be obtained. The construction contract will be implemented via a New Engineering Contract form which emphasises cooperation, mutual trust and collaborative risk management between contracting parties. This will enable speedy resolution of issues arising in the course of contract thus providing a good control of the contract cost.

c) The proposed advance works, with its estimated cost of $140.9 million (in MOD prices), includes construction of 2.3 km long cycle track and ancillary works. Its estimated unit cost of about $61,000 per metre of cycle track is considered reasonable having regard to that of about $80,000 per metre under a similar contract for construction of cycle track from Yuen Long to Sheung Shui. We are now seeking funding approval from the Legislative Council for proceeding with the proposed advance works.

d) We are implementing the cycle track network in the New Territories in stages. The section between Ma On Shan and Tuen Mun is largely open for public use except the section between Yuen Long and Sheung Shui which is under construction for completion in 2020. As regards the sections between Tsuen Wan and Tuen Mun, subject to the availability of funds, we target to commence construction of the proposed advance works in late 2018 for completion by 2020. For the remaining section between Tsuen Wan and Tuen Mun, we are reviewing its alignment and associated technical issues with stakeholders, and will formulate an implementation timetable upon completion of the review.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2589)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

In 2017, the Government explored with the MTR Corporation Limited the development potential of stations and related sites along existing and future rail lines. Please advise the progress of the consultancy study on the railway services connecting Tung Chung, the airport island and Hong Kong Boundary Crossing, expenses to be involved, as well as estimated financial provision for such a study.

Asked by: Hon CHOW Ho-ding, Holden (Member Question No. (LegCo use): 17)

Reply:

Under the Planning, Engineering and Architectural Study for Topside Development at Hong Kong Boundary Crossing Facilities (HKBCF) Island of Hong Kong–Zhuhai–Macao Bridge (HKZMB), we are studying the feasibility of possible transport connection options between HKBCF Island, North Lantau and airport island. These possible options include enhancing the public transport services, the feasibility for the provisions of parking facilities, road network, footbridges and rail, etc. The study of possible transport connection options is expected to be completed by end 2018. There is no separate breakdown for the expenses on the study of various possible transport connection options.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2075)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Please advise the payroll cost and other expenditure involved in the establishment of the Sustainable Lantau Office.

Asked by: Hon CHU Hoi-dick (Member Question No. (LegCo use): 45)

Reply:

The expenditure forecast of the Sustainable Lantau Office in 2018-19 is $99 million, which is mainly personal emoluments of in-house staff in terms of notional annual mid-point salary value.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3241)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Please provide in tabulated form (1) the landscape works in greening master plans over the past 3 years, (2) the recommended landscape works in greening master plans over the next 3 years, as well as the staffing and expenditure involved or to be involved in each of such works.

Asked by: Hon IP LAU Suk-yee, Regina (Member Question No. (LegCo use): 56)

Reply:

(1) From 2015 to 2017, the Civil Engineering and Development Department (CEDD) carried out the landscape works set out in the Greening Master Plans for Southeast and Northwest New Territories. They were substantially completed in October 2017.

Greening Master Plan (GMP)	**Expenditure on Greening Works ($ million)**		
	2015	**2016**	**2017**
GMP for Southeast New Territories (Sha Tin, Ma On Shan, Sai Kung and Tseung Kwan O)	19.6	28.1	37.7
GMP for Northwest New Territories (Tuen Mun, Tin Shui Wai and Yuen Long)	23.9	36.0	36.7
Total Expenditure on greening works	43.5	64.1	74.4

Five professional staff were involved in the above work. Directorate officers were also involved in overseeing the projects and other supporting technical and clerical staff provided support as well.

(2) CEDD is planning for the implementation of the Greening Master Plans for Southwest and Northeast New Territories (covering Sheung Shui, Fanling, Tai Po, Tung Chung, Tsuen Wan, Kwai Chung, Tsing Yi and Islands). The work involved will include detailed design, estimation of project costs and application for the required funding. For project implementation, five professional staff will be involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3286)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Regarding the provision of sign language interpretation services over the past 5 years, would the Government advise this Committee:

1. whether sign language interpretation services were provided; if yes, the frequency, occasions and causes for providing such services in each year;
2. the number of sign language interpreters involved in each year, their pay and the organisations to which they belong; the total expenditure so involved in each year; and
3. whether the Government will consider allocating more resources to improve the services for communicating with the deaf and/or persons with hearing impairment in future; if yes, the details (including measures, manpower, expenditure involved and timetable, etc.); if no, the reasons for that?

Asked by: Hon LEUNG Yiu-chung (Member Question No. (LegCo use): 58)

Reply:

1. We do not provide sign language interpretation services in the Civil Engineering and Development Department.
2. Not applicable.
3. We will consider provision of the services as and when required.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1969)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

It is stated in the matters requiring attention in 2018-19 under this Programme that "the Department will continue the preparatory work on the planning and engineering study for nearshore reclamation at Ma Liu Shui, and will also consider the future planning of the adjoining site vacated after relocation of the Sha Tin sewage treatment works into caverns". Would the Government advise this Committee:

1. the current progress of such planning and preparatory work, and please tabulate the details; and
2. the staffing establishment and expenditure on administrative costs to be involved in such planning and preparatory work? Please tabulate the details.

Asked by: Hon QUAT Elizabeth (Member Question No. (LegCo use): 7)

Reply:

1. The status of the planning and preparatory work is tabulated as follows:

Planning and Preparatory Work	Status
Technical Study	The technical study has been completed.
Planning and Engineering (P&E) Study	Based on the findings of the technical study, the subsequent P&E study is being planned.

2. Operational expenses in 2018-19 under Head 33 for taking forward the planning and preparatory work for nearshore reclamation at Ma Liu Shui are mainly personal emoluments of in-house staff working on the project. The details are summarised below:

Item	Operational Expenses ($ million) (Note 1)	Staffing (Note 2)
Planning and preparatory work for nearshore reclamation at Ma Liu Shui	2.4	2 professional staff

Note 1: Operational expenses refer to annual staff cost in terms of notional annual mid-point salary value.

Note 2: There are directorate officers overseeing the above project as well as other supporting technical and clerical staff involved. There is no separate breakdown for the personal emoluments of such staff involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0071)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

In connection with "continuing the preparatory work on the strategic studies for artificial islands in the central waters", would the Department advise:

1. what preparatory work is involved and when it will be completed;

2. whether there is a timetable for the whole strategic studies, and if so, the time frame for each stage of studies; if not, the reason for that.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 22)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

The funding application for the strategic studies for artificial islands in the central waters (the Study) was withdrawn at the Public Works Subcommittee meeting of the Legislative Council on 26 November 2014. We are addressing concerns of Legislative Council members and will re-submit the item to the Legislative Council for consideration as soon as possible. Once approval of the Finance Committee of the Legislative Council on the funding application is obtained, we will start the consultants selection procedure, which will normally take about 6 months to complete. The Study will include engineering feasibility and infrastructure study, port operations and marine traffic and safety study, strategic environmental assessment, associated site investigation, etc. According to the current planning, the Study will take about 3 years to complete.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1082)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

In connection with "the planning, engineering and architectural study for topside development on the Hong Kong Boundary Crossing Facilities Island of the Hong Kong-Zhuhai-Macao Bridge" (the Study), please advise this Committee:

(1) the expenditure and staffing involved in the Study, as well as the details of the consultants commissioned;
(2) the originally anticipated commencement and completion dates of the Study;
(3) the results of the Study, given that the funding approval for such a Study was obtained from the Finance Committee as early as 2015;
(4) how the Government will implement the planning for topside development on the Hong Kong Boundary Crossing Facilities Island of the Hong Kong-Zhuhai-Macao Bridge (HZMB), given the imminent commissioning of the HZMB.

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. (LegCo use): 1)

Reply:

(1) The Civil Engineering and Development Department (CEDD) and the Planning Department jointly commissioned an engineering consultant to conduct the planning, engineering and architectural study for topside development on the Hong Kong Boundary Crossing Facilities Island of the Hong Kong-Zhuhai-Macao Bridge (the Study). The main objective of the Study is to ascertain the feasibility of the potential commercial development and other economic activities on the Hong Kong Boundary Crossing Facilities Island through topside and underground development.

The estimated expenditure of the Study in 2018-19 is about $7.6 million in money-of-the-day prices. In CEDD, mainly 3 professional staff will manage the study supported by some technical and clerical staff. In addition, there are

directorate officers overseeing the project.

(2) The Study commenced in January 2015 and was originally anticipated to be completed by February 2017. Since we need to take longer time than originally anticipated to resolve technical issues and to formulate the development proposal, the Study is still in progress.

(3) & (4) The Study includes two stages of community engagement. The Stage 1 Community Engagement was conducted from July to September 2015. We are conducting the technical assessments on the proposed development option and are formulating a draft Recommended Outline Development Plan (RODP) for the proposed development. We will then proceed with the Stage 2 Community Engagement to consult the public on the draft RODP. Subject to the public comments received and the findings of the Study, we will optimise the proposed development with a view to formulating the RODP. Afterwards, we will prepare an implementation programme. The topside development will be implemented in a manner without affecting the commissioning of the HZMB and the subsequent operation of the Hong Kong boundary crossing facilities.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1083)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

In connection with "the strategic studies for artificial islands in the central waters", please advise this Committee:

(1) the necessary staffing and expenditure to be involved in the strategic studies for artificial islands in the central waters (AICW), including the expenditure on engaging consultants;

(2) the commencement and completion dates of such studies;

(3) whether such studies will cover the railway for AICW proposed by the Lantau Development Advisory Committee linking New Territories West, Lantau Island, AICW and Hong Kong Island; as well as the progress and details of the study on such a proposal;

(4) the length and estimated cost for each of the sections of the proposed railway for AICW, namely from Tuen Mun to artificial island of Hong Kong-Zhuhai-Macao Bridge (HZMB), from artificial island of HZMB to Mui Wo, from Mui Wo to AICW, as well as from AICW to Hong Kong Island;

(5) the anticipated completion date for the study on the proposed railway for AICW and its construction timetable;

(6) whether such strategic studies have a bearing on "Hong Kong 2030+ : Towards a Planning Vision and Strategy Transcending 2030" and, if yes, the details.

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. (LegCo use): 2)

Reply:

(1) The funding application for the strategic studies for artificial islands in the central waters (the Study) was withdrawn at the Public Works Subcommittee meeting on 26 November 2014. We are addressing the concerns of the Legislative Council members and will re-submit the item to the Legislative Council for consideration as soon as possible.

The estimated operational expenses of in-house staff in 2018-19 under Head 33 for taking forward the Study are set out below. Since we are still reviewing the scope of the Study, the estimated expenditure of the Study on engaging consultants is not available.

Item	Estimated Operational Expenses ($ million) (Note 1)	Estimated Staffing (Note 2)
The strategic studies for artificial islands in the central waters	1.9	3 professional staff (Note 3)

Note 1: Operational expenses refer to annual staff cost in terms of notional annual mid-point salary value.

Note 2: There are directorate officers overseeing the Study as well as other supporting technical and clerical staff involved. There is no separate breakdown for the personal emoluments of such staff involved.

Note 3: The staff are working partially for the Study.

(2)-(5) Under the Study, we plan to explore, among others, the preliminary feasibility of strategic transport links including highway and railway connections for the proposed artificial islands in the central waters. Once the scope of the Study is finalised and the approval of the Finance Committee of the Legislative Council on the concerned funding application is obtained, we will start the consultants selection procedure which will normally take about six months to complete. According to the current planning, the Study will take about three years to complete. As the Study has not yet commenced, information on details of the railway schemes such as alignment and length of individual railway links, estimated construction cost as well as construction programme is not available.

(6) "Hong Kong 2030+: Towards a Planning Vision and Strategy Transcending 2030" (Hong Kong 2030+) is a comprehensive strategic study to update the territorial development strategy and provide a spatial planning framework to guide the future planning, land and infrastructure development and the shaping of the built and natural environment of Hong Kong beyond 2030. Among others, under the conceptual spatial framework of Hong Kong 2030+, the East Lantau Metropolis (ELM) is one of the two proposed strategic growth areas to meet the long term social and economic needs of Hong Kong. While the preliminary concepts for the

development of the ELM are included in Hong Kong 2030+ for evaluation in the territorial context, the Study will further assess the planning and engineering feasibility of the proposal.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0809)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

In connection with the works projects under construction under this Programme, please advise this Committee of:

1. the works progress of the Project "Kai Tak Development – Reconstruction and Upgrading of Kai Tak Nullah" as at March 2018 and its anticipated completion date, as well as the anticipated reopening date of the section of Choi Hung Road between Po Kong Village Road and Tai Shing Street, which is currently closed for works;

2. the works progress of both Development of Anderson Road Quarry Site and provision of the Bus-to-Bus Interchange at the Tseung Kwan O Tunnel Toll Plaza as at March 2018 and their anticipated completion dates.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 33)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1. The project "Kai Tak Development – Reconstruction and Upgrading of Kai Tak Nullah" within Kai Tak Development Area undertaken by this Department commenced construction in January 2013 and has achieved 95% completion as at March 2018. It is anticipated to be substantially completed by mid-2018.

   The Drainage Services Department is also carrying out improvement works at Kai Tak Nullah (Wong Tai Sin Section) between Po Kong Village Road and Prince Edward Road

East. Its remaining works including reconstruction of Choi Hung Road are anticipated to be completed in the second half of 2018.

2. The site formation and associated infrastructure works of the Development of Anderson Road Quarry Site (ARQ Site) commenced in 2016 and are in progress. The works will be completed in phases to tie in with the planned population intake of the ARQ Site starting from 2023-24 onwards. For the provision of the Bus-to-Bus Interchange at the Tseung Kwan O Tunnel Toll Plaza, the works are in progress and scheduled for completion in 2019.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3547)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Regarding the works projects of Kai Tak Development, please advise this Committee:

1) the current works progress and anticipated completion date of Kai Tak Development - Stage 4 infrastructure at north apron area of Kai Tak Airport;

2) the current works progress and anticipated completion date of Kai Tak Development - infrastructure works for developments at the southern part of the former runway (Stages 2 and 3);

3) the current works progress and anticipated completion date of Kai Tak Development - Stages 3B and 5A infrastructure works at former north apron area;

4) whether the works projects mentioned in items 1) to 3) can be completed within the approved project estimates; if not, the details of the works projects requiring increased estimate and anticipated amount of additional provision;

5) whether the works of Kai Tak Development - Stage 3A infrastructure works at north apron area of Kai Tak Airport are being carried out, exceeding the approved project estimate; if yes, the amount of additional funding so required.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 85)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1) The Kai Tak Development - Stage 4 infrastructure works at former north apron area commenced construction in September 2013. It is anticipated that the construction works will be progressively completed in 2018.

2) The Kai Tak Development - Stages 2 and 3 infrastructure works for developments at the southern part of the former runway commenced construction in November 2015. It is anticipated that the construction works will be completed in phases by end 2019.

3) The Kai Tak Development - Stages 3B and 5A infrastructure works at former north apron area commenced construction in December 2016 and September 2016 respectively. It is anticipated that the construction works will be substantially completed in phases by end 2020.

4) Based on the latest estimates, the projects mentioned in items 1) to 3) above will be completed within the respective approved budget.

5) Based on the latest estimates, the Kai Tak Development - Stage 3A infrastructure works at north apron area of Kai Tak Airport will be completed within the approved budget.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3548)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Please advise this Committee the progress of the following main works projects under planning and design in 2018-19 and whether the contracts involved can be completed within this financial year:

1) Kai Tak Development - remaining infrastructure works for developments at the former runway and south apron

2) Kai Tak Development - infrastructure at north apron area of Kai Tak Airport

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 86)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1) Kai Tak Development – remaining infrastructure works for developments at the former runway and south apron is under active planning and design to dovetail with the development pace of Kai Tak Development. The related contracts will be completed beyond this financial year.

2) Kai Tak Development – remaining infrastructure at former north apron area is under active planning and design to dovetail with the development pace of Kai Tak Development. The related contracts will be completed beyond this financial year.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3549)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Regarding the feasibility study for the Environmentally Friendly Linkage System for Kowloon East, please advise this Committee:

1) the results of the interim public consultation conducted in mid-2017;

2) the details of such study in 2018-19, as well as staffing and expenditure to be involved;

3) the anticipated completion date of such study.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 87)

Reply:

1) The interim public consultation conducted in mid-2017 with the recommendation of adopting elevated green transport mode as Environmentally Friendly Linkage System (EFLS) for Kowloon East (KE) received general support.

2) & 3) The Detailed Feasibility Study (DFS) for the EFLS for KE is proceeding with the Stage 2 study to develop a viable EFLS scheme, including the formulation of its network coverage, alignment, station locations, etc., and undertaking of the associated technical assessments to ascertain its feasibility. The study is targeted for completion in 2018.

Operational expenses in 2018-19 under Head 33 for taking forward the DFS for EFLS are mainly personal emoluments of in-house staff working on the project. The details are summarised below -

Item	Operational Expenses ($ million) (Note 1)	Staffing (Note 2)
DFS for the EFLS for KE	2.4	2 professional staff

Note 1: Operational expenses refer to annual staff cost in terms of notional annual mid-point salary value.

Note 2: There are directorate officers overseeing the above project as well as other supporting technical and clerical staff involved. There is no separate breakdown for the personal emoluments of such staff involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1343)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

In connection with reclamation works and their feasibility studies, please advise:

Reclamation project	Commencement date for study	Expense involved in study	Anticipated/ actual commencement date for public consultation	Anticipated reclamation area	Anticipated area of residential site	Anticipated number of residential unit
Sunny Bay						
Lung Kwu Tan						
Siu Ho Wan						
South West Tsing Yi						
Ma Liu Shui						
Artificial islands in the central waters						
Other reclamation projects under planning						

Asked by: Hon YEUNG Alvin (Member Question No. (LegCo use): 48)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

As requested, the information on the reclamation works and their feasibility studies is set out below:

Reclamation project	Commencement date for study	Expense involved in study	Anticipated/ actual commencement date for public consultation	Anticipated reclamation area	Anticipated area of residential site	Anticipated number of residential unit
Sunny Bay	Note 1	Note 1	Subject to review	60 to 100 ha	Nil	Nil
Lung Kwu Tan	October 2015 (Note 2)	About $20 million	Subject to review	220 to 250 ha	Nil	Nil
Siu Ho Wan	July 2015 (Note 2)	About $24 million	Subject to review	About 82 ha	Subject to separate planning and engineering study	Subject to separate planning and engineering study
South West Tsing Yi	Not yet started	Not available	Not available	Not available	Not available	Not available
Ma Liu Shui	February 2015 (Note 2)	About $7 million	Subject to review	About 60 ha	Subject to separate planning and engineering study	Subject to separate planning and engineering study
Artificial islands in the central waters	Not yet started	Not available	Not available	About 1 000 ha, subject to study	Not available	Not available
Other reclamation projects under planning (Note 3)	Not available	Not available	Not available	Not available	Not available	Not available

Note:

1. The preliminary feasibility of reclamation at Sunny Bay was assessed in the "Northshore Lantau Development Feasibility Study" conducted in 1998. There is no separate breakdown for the feasibility study of reclamation at Sunny Bay.

2. The date refers to the commencement of the Technical Study of the concerned reclamation project, in which the preliminary feasibility is assessed.

3. No other major reclamation project is currently under planning.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1347)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

It was stated in the brief description under Programme (3) that "the Department has largely completed the technical studies for nearshore reclamations at Siu Ho Wan, Lung Kwu Tan and Ma Liu Shui". During the examination of Estimates of Expenditure last year, your department replied that "upon its substantial completion, the scope of the subsequent Planning and Engineering (P&E) Study will be determined and the manpower and cost so involved will be estimated taking into account the findings of the technical study."

In this connection, please advise:

1. the scope of the Engineering Study on reclamations at Ma Liu Shui and estimated expenses to be involved, and the anticipated commencement date;

2. whether the scope of the Engineering Study on reclamations at Ma Liu Shui will cover the adjoining site vacated upon the proposed relocation of the Sha Tin sewage treatment works into caverns;

3. the expenses involved in the studies for reclamations at Ma Liu Shui last year;

4. the estimated consultancy fee expenses on "the potential sites for reclamation at Ma Liu Shui" in the next 3 years, and please tabulate the details as follows:

Year	Company/Organisation	Nature of project	Estimated expense
2018-19			
2019-20			
2020-21			

Asked by: Hon YEUNG Alvin (Member Question No. (LegCo use): 49)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1. While the technical study has been completed, we have yet to firm up the scope and timing and hence the estimate of the subsequent Planning and Engineering (P&E) Study for Ma Liu Shui (MLS) reclamation.

2. At this stage, we intend to take into account the planning of the site vacated after relocation of the Sha Tin Sewage Treatment Works to caverns in the P&E Study for the MLS reclamation.

3. The expenses involved in the technical study for the MLS reclamation in 2017-18 are about $2.4 million.

4. The estimated consultancy fee expenses on "The potential sites for reclamation at Ma Liu Shui" in the next 3 years are tabulated below:

Study	Year	Company/Organisation	Estimated expense ($ million)
Technical Study	2018-19	AECOM Asia Company Limited	1.6
	2019-20		Nil
	2020-21		Nil
P&E Study (Note)	2018-19	To be determined	To be determined
	2019-20		To be determined
	2020-21		To be determined

Note: The scope and timing of the P&E study are yet to be confirmed.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0568)

Head: (39) Drainage Services Department

Subhead (No. & title): (000) Operational Expenses

Programme: (1) Stormwater Drainage, (2) Sewage Services

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

The estimated expenditure for 2018-19 under Programme (1) is $575.5 million, which is 8.1% higher than the revised estimate for the year. The estimated expenditure for 2018-19 under Programme (2) is $2.2464 billion, which is 5.8% higher than the revised estimate for the year. Regarding the creation of ten posts under Programme (1) and net increase of 48 posts under Programme (2), please list:

1) the related posts and job nature;

2) the details of expenditure for each post.

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 21)

Reply:

A breakdown showing the ten posts to be created under Programme (1) and 48 posts to be created under Programme (2) in 2018-19 by nature of work, rank, number of posts and notional annual mid-point salary (NAMS) is provided as follows -

Programme Number	Nature of Work	Rank	Number of Posts to be created / deleted (-)	NAMS of Rank ($)
1	Professional services for stormwater drainage infrastructure works	Senior Engineer	2	1,389,540
		Engineer/Assistant Engineer	4	749,010
	Building information modelling (BIM) services for drainage projects	Senior Engineer	1	1,389,540
		Electrical and Mechanical Engineer/ Assistant Electrical and Mechanical Engineer	1	749,010
	Technical support for BIM services for drainage projects	Senior Technical Officer (Electrical and Mechanical)	1	583,560

Programme Number	Nature of Work	Rank	Number of Posts to be created / deleted (-)	NAMS of Rank ($)
	Engineering surveying support for BIM services for drainage projects	Survey Officer (Engineering)/Survey Officer Trainee (Engineering)	1	268,590
2	Professional services for sewerage and sewage treatment infrastructure works	Senior Engineer	3	1,389,540
		Engineer/Assistant Engineer	12	749,010
		Engineer/Assistant Engineer	-1	749,010
	Professional services for sewage treatment facilities	Electrical and Mechanical Engineer/Assistant Electrical and Mechanical Engineer	2	749,010
	Technical support for implementation, operation and maintenance of sewerage facilities	Inspector of Works	3	669,900
		Assistant Inspector of Works	2	421,020
		Works Supervisor I (Civil)	4	346,380
		Works Supervisor II (Civil)	5	278,700
	Technical support for operation and maintenance of electrical and mechanical facilities	Senior Electrical Inspector	1	862,920
		Senior Mechanical Inspector	1	862,920
		Assistant Electrical Inspector	2	421,020
		Assistant Mechanical Inspector	1	421,020
		Assistant Electronics Inspector	3	421,020
		Works Supervisor I (Electrical and Mechanical)	1	346,380
		Works Supervisor II (Electrical and Mechanical)	1	278,700
		Senior Artisan (Electrical and Mechanical)	2	247,800
		Artisan (Electrical and Mechanical)	1	218,460
	Supplies and procurement matters support	Assistant Supplies Officer	1	401,100
	Technical support for laboratory service	Engineering Laboratory Technician I	2	557,340
	Executive support for laboratory service	Executive Officer II	2	486,060

Programme Number	Nature of Work	Rank	Number of Posts to be created / deleted (-)	NAMS of Rank ($)
		Total	58	

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3243)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (1) Stormwater Drainage, (2) Sewage Services

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

Please provide the Drainage Services Department's annual expenditure and manpower for greening and tree management work related to its projects in the past three years.

Asked by: Hon IP LAU Suk-yee, Regina (Member Question No. (LegCo use): 57)

Reply:

The Drainage Services Department's (DSD's) annual expenditure and manpower for greening and tree management work related to its projects in the past three years are shown below –

	2015-16	2016-17	2017-18
Annual expenditure ($ million) (Note 1)	14.0	13.7	13.8
Number of greening and tree management staff involved (Note 2)	12	12	12

Note 1:

The figures include only project expenditure on greening and tree management work, but exclude the cost of the government staff involved.

Note 2:

The figures include only the government staff involved on a full-time or part-time basis, but exclude those of directorate ranks. In addition to government staff, DSD engages contractors to assist with the work.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0410)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

In the indicators under Programme (1), the value of capital projects under detailed design in 2017 was $25.243 billion, which was significantly higher than $9.943 billion in 2016. In this connection, please advise the reasons for the increase; whether there has been a consequential increase in establishment? If yes, please advise the details.

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 16)

Reply:

The increase in the value of capital projects under detailed design in 2017 is mainly due to the commencement of design for the following projects -

(a) Drainage improvement works in Ta Kwu Ling,

(b) Drainage improvement works in Mong Kok,

(c) Drainage improvement works in Tsim Sha Tsui,

(d) Drainage improvement works in Wong Tai Sin,

(e) Drainage improvement works in Kwun Tong,

(f) Yuen Long barrage scheme, and

(g) Drainage improvement works in Kowloon City.

There has been no increase in manpower resources for implementing the above projects.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0411)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (2) Sewage Services

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

Regarding the feasibility study on the relocation of Sai Kung Sewage Treatment Works to caverns:

1. please advise the current progress and anticipated date of completion;
2. what are the difficulties revealed in the technical assessment relating to the size of caverns, construction methods, geological considerations, sewage treatment methods, etc.?
3. has the cost of the relocation works been estimated preliminarily for cost effectiveness? If yes, please advise the details; and
4. will the Government conduct public consultation again for the relocation project? If yes, what are the details? If not, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 17)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1. The Drainage Services Department (DSD) has completed the technical assessment of relocating Sai Kung Sewage Treatment Works to caverns and is striving to conclude the project's feasibility study this year.
2. Findings from the technical assessment show no insurmountable difficulties regarding the size of caverns, construction methods, geological considerations, sewage treatment methods, etc.

3&4. The feasibility study, which includes a cost-effectiveness assessment, is underway. Upon establishing the project's feasibility and cost-effectiveness, DSD will proceed to the investigation and design stage of the project, during which the public will be consulted.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0412)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (2) Sewage Services

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

Regarding the feasibility study on the relocation of Sham Tseng Sewage Treatment Works to caverns:

1. please advise the current progress and anticipated date of completion;
2. what are the difficulties revealed in the technical assessment relating to the size of caverns, construction methods, geological considerations, sewage treatment methods, etc.?
3. has the cost of the relocation works been estimated preliminarily for cost effectiveness? If yes, please advise the details;
4. as the new site selected by the Government is adjacent to residential areas, has the Government assessed the impact of blasting on the residents? If yes, please advise the details. If not, what are the reasons? and
5. will the Government conduct public consultation again for the relocation project? If yes, what are the details? If not, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 19)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1. The Drainage Services Department (DSD) has completed the technical assessment of relocating Sham Tseng Sewage Treatment Works to caverns, and is striving to conclude the project's feasibility study this year.

2&4. Findings from the technical assessment show no insurmountable difficulties regarding the size of caverns, construction methods, geological considerations,

sewage treatment methods etc. Besides, the extent of the vibrations in nearby residential areas and facilities caused by blasting operations inside the caverns will fall within relevant statutory limits.

3&5. The feasibility study, which includes a preliminary cost estimation and cost-effectiveness assessment for the relocation works, is underway. Upon establishing the project's feasibility and cost-effectiveness, DSD will proceed to the investigation and design stage of the project, during which the public will be consulted.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0077)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

Currently, a number of cities have turned river channels into leisure and tourist attractions through beautification works. Please advise whether the department:

1. has any plan to beautify the rivers in Hong Kong, such as Shan Pui River in Yuen Long, Lam Tsuen River in Tai Po and Shing Mun River in Sha Tin? If yes, what are the details? If not, what are the reasons?
2. has included the factor of beautifying and enhancing the ecological environment in the current drainage works for consideration? If yes, what are the details? If not, what are the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 52)

Reply:

1. To enhance both the living and the ecological environment without compromising the prime function of watercourses in flood prevention, the Drainage Services Department (DSD) is conducting a holistic study to identify suitable watercourses for revitalisation. DSD has identified four potential river sections, namely the Tai Wai Nullah, the middle Tuen Mun River Channel, the Fo Tan Nullah and the Jordan Valley Nullah, for revitalisation. It will consult relevant District Councils after completing the feasibility study.
2. DSD will take into account all relevant factors, including the beautification and enhancement of the ecological environment, in its planning, design and implementation of drainage projects. Take the completed river improvement works at the Upper Lam Tsuen River as an example. The department successfully conserved the natural river and maintained its biodiversity, keeping the natural river bed and creating habitats. Upon the works' completion, native species, such as the Hong Kong newt, have significantly increased in numbers. As another example, for the ongoing improvement works at the Kai Tak River, natural stones will be placed on the river bed and river banks to create different habitats for ecological development. The third example concerns the planning of the Tsui Ping River improvement project. The department is exploring the provision of water-friendly facilities such as additional

walkways alongside the river, footbridges, landscaped decks and a floating pontoon so as to connect people closer to water bodies. With growing experience in successfully implementing river improvement works in an ecologically minded way, DSD promulgated a practice note titled "Guidelines on Environmental and Ecological Considerations for River Channel Design" in 2015 for staff and relevant industry practitioners to refer to and follow.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2112)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

What is the expenditure on the replacement and rehabilitation works of stormwater drainage systems conducted by the Drainage Services Department (DSD)? Besides, which districts (by District Council district) are hard hit by ageing stormwater drains? What is the total length of these ageing stormwater drains? Do they overlap with the existing footpaths or carriageways?

Asked by: Hon WONG Pik-wan, Helena (Member Question No. (LegCo use): 67)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

The estimated expenditure on replacing and rehabilitating stormwater drainage facilities under DSD's maintenance programme in 2018-19 is $30 million.

There are about 2 400 kilometres (km) of underground stormwater drains in Hong Kong. Many of them have been in service for decades (e.g. about 1 100 km of them have been in use for 30 years or more) and are suffering from ageing and deterioration. Noting the scale of the ageing problem, additional resources are required to cope with the increasing replacement and rehabilitation (R&R) needs in the form of public works projects. Based on the findings of a consultancy study, a territory-wide R&R programme (172CD) has been formulated for the pipelines with a high R&R priority. The programme, involving surveying the condition of about 168 km of drains and rehabilitating about 41 km of drains, is to be carried out in phases.

DSD plans to seek funding for upgrading part of 172CD (i.e. stage 1 works) to Category A status in mid-2018 so as to survey the condition of about 35 km of drains and rehabilitate about 11 km of drains distributed throughout the territory. The distribution of the

underground stormwater drains to be rehabilitated under stage 1 of 172CD is tabulated below:

District	Length (km)
Central & Western	0.6
Eastern District	0.3
Islands	0.3
Southern District	0.4
Wan Chai	0.5
Kowloon City	0.8
Kwai Tsing	1.0
Kwun Tong	0.6
Sai Kung	0.2
Sham Shui Po	0.7
Sha Tin	0.8
Tsuen Wan	0.6
Wong Tai Sin	0.2
Yau Tsim Mong	0.4
North District	0.8
Tai Po	0.9
Tuen Mun	1.2
Yuen Long	0.4
Total:	10.7 (about 11)

Most of stormwater drains are located underneath public roads and footpaths. In carrying out condition surveys and/or rehabilitation works, DSD will consider measures to reduce the impacts on traffic flow whenever possible. These measures can include trenchless construction and traffic impact assessments to ascertain that the surveys and/or works will not significantly affect the traffic on surrounding/nearby roads.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3592)

Head: (39) Drainage Services Department

Subhead (No. & title): Not specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (TONG Ka Hung, Edwin)

Director of Bureau: Secretary for Development

Question:

Please advise this Committee:

1. as at end-December 2017, the respective completion rate and provision spent on the reconstruction and rehabilitation works at the Kai Tak Nullah;
2. in 2018-19, the details and anticipated completion dates of the expected major works as well as whether the works can be completed within the approved estimates;
3. in 2018-19, the progress of transforming the King Yip Street Nullah into the Tsui Ping River.

Asked by: Hon WU Chi-wai (Member Question No. (LegCo use): 140)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1. The reconstruction and rehabilitation works along the Kai Tak Nullah are being implemented in stages by the Civil Engineering and Development Department (CEDD) and the Drainage Services Department (DSD) under four packages. The progress and cumulative expenditure of the improvement works under each package are as follows:
   - Advance works for improvement of the Kai Tak Nullah, comprising the construction of a box culvert at Prince Edward Road East and the widening of a section of Choi Hung Road, were substantially completed in January 2014. The cumulative expenditure up to the end of December 2017 was $138.28 million.
   - About 92% of the improvement works to the upstream reaches of the Kai Tak Nullah from Po Kong Village Road to Tung Kwong Road were completed by the end of December 2017. The cumulative expenditure up to the end of December 2017 was about $861.77 million.

- The improvement works to the midstream reaches of the Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East were substantially completed in November 2017. The cumulative expenditure up to the end of December 2017 was about $378.80 million.
- The improvement works to the downstream reaches of the Kai Tak Nullah at the downstream reaches within the Kai Tak Development Area are being undertaken by CEDD. About 90% of the works were completed by the end of December 2017. The cumulative expenditure up to the end of December 2017 is about $1,651 million.

2. For the Kai Tak Nullah project, the remaining works mainly concern the upstream and downstream reaches. Those concerning the upstream reaches, which mainly involve landscaping works and the reconstruction of a section of Choi Hung Road, are anticipated to be completed before the end of 2018. Those concerning the downstream reaches, which involve external works and green roofs for desilting compounds, rock works for open channels and landscaping works, are anticipated to be completed by the second quarter of 2018. The projects could be completed within the approved project estimates.

3. Detailed design work for the Tsui Ping River project is in progress. DSD aims to conduct second-stage public engagement in 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0569)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): (000) Operational expenses

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

Under Programme (2), the estimated expenditure in 2018-19 is $151.6 million, 10.3% higher than the revised estimate for the current year. Regarding the escalator incident that happened last year, are there any plans and improvement measures in the aspects of regulatory control and training? If yes, what are the details and the estimated expenditure and manpower resources involved? If no, what are the reasons?

Asked by: Hon CHAN Chun-ying (Member Question No. (LegCo use): 3)

Reply:

The Electrical and Mechanical Services Department (EMSD) is committed to strictly enforcing the Lifts and Escalators Ordinance (Cap. 618) (the Ordinance) to ensure that the public is served with safe lift and escalator services. Regulation of escalator safety covers type approval on the design, and subsequent audit inspections of the installation, examination and maintenance works of escalators. All escalators are periodically maintained by registered contractors at intervals not exceeding one month, and examined by registered engineers at intervals not exceeding six months for application of renewal of the use permits by the EMSD. The EMSD has also adopted a risk-based approach to conduct audit inspections of lifts and escalators to identify any non-compliance with the requirements. This approach takes into account a host of factors including the equipment age and type of installation, complaints received, incidents happened, change-over of maintenance contractors, and performance of contractors involved. Prosecution/disciplinary actions will be instituted against the concerned registered persons if non-compliance with the Ordinance is found during the EMSD's audit inspections.

After the escalator incident at Langham Place, the EMSD has completed a round of special audit inspections in 2017 for each of the 64 high-rise escalators with a vertical rise of 15 metres or above. No abnormality was found and all escalators were confirmed to be in safe working conditions. The incident was attributed to failure of the concerned practitioners to properly discharge their duties, resulting in simultaneous failure of both the

main drive chain and the broken chain safety device installed for monitoring breakage and excessive elongation of the main drive chain. Although such simultaneous failure of the aforesaid devices is very rare, the EMSD issued circulars to remind all registered contractors to properly inspect and maintain key protective devices and drive systems of escalators in accordance with the relevant Code of Practice, and to ensure the workers are fully aware of the technical requirements to diligently carry out escalator maintenance works. The EMSD also issued a letter to provide specific guidelines to the Responsible Persons and registered contractors of high-rise escalators on maintenance of these escalators.

The EMSD has established a staff posting and training mechanism to ensure all members of its lift and escalator safety team have sufficient work experience and training to carry out lift and escalator audit inspections in a competent manner. In 2018-19, the lift and escalator safety team will comprise 43 staff members with an estimated total expenditure of $45.1 million.

The EMSD will continue to strictly enforce the Ordinance and step up public education and publicity to enhance lift and escalator safety.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1838)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

There was a major escalator incident in 2017. The Government has therefore increased the planned number of inspections. In deploying the resources, will the Government first select those lifts and escalators with higher risk? If yes, what are the criteria for selection?

At present, how many lifts and escalators in Hong Kong are under the regulatory control of the Electrical and Mechanical Services Department? How many qualified persons can carry out examination and maintenance for lifts and escalators?

What measures does the Government have to attract people to join the industry related to examination and maintenance of lifts and escalators? What is the expenditure for such measures?

Asked by: Hon CHAN Han Pan (Member Question No. (LegCo use): 42)

Reply:

The Electrical and Mechanical Services Department (EMSD) has adopted a risk-based approach to conduct audit inspections of lifts and escalators taking into account aspects such as the equipment age and type of installation, complaints received, incidents happened, change-over of maintenance contractors, and performance of contractors involved. After the escalator incident at Langham Place, the EMSD has completed a round of special inspections in 2017 for each of the 64 high-rise escalators with a vertical rise of 15 metres or above. No abnormality was found and all escalators were confirmed to be in safe working conditions. Another round of such inspections would be conducted in 2018.

At the end of 2017, there were 66 291 lifts and 9 379 escalators in Hong Kong that are under the regulatory control of the EMSD. There were 342 registered lift/escalator engineers and 5 616 registered lift/escalator workers who are qualified to carry out maintenance, examination, installation and demolition of lifts and escalators. In addition,

there were about 1 800 general workers who work under the supervision of registered engineers or registered workers.

The EMSD has been working closely with the trade and various organisations in monitoring the manpower situation and implementing measures in recent years to attract and train up new talents. Major measures include:

- The Vocational Training Council (VTC) and the Construction Industry Council (CIC) jointly introduced the Earn & Learn Scheme in 2014. The number of new apprentices joining the lift and escalator industry has significantly increased from about 70 a year to over 250 a year in 2016 and 2017;
- In 2016, the VTC and the University of Hong Kong School of Professional and Continuing Education launched two lift and escalator courses for practising workers for them to acquire the academic qualification for registration as registered workers; and
- The CIC has implemented the Contractor Cooperative Training Scheme for the electrical and mechanical trades (including lift mechanic and escalator mechanic) to provide financial support to those who wish to join the lift and escalator industry.

The whole range of the EMSD's work on lift and escalator safety is carried out collectively by a team, and the EMSD does not have a breakdown of the manpower for individual work such as implementing measures to attract new entrants to join the industry. The estimated total expenditure for lift and escalator safety in 2018-19 is $45.1 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1282)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

On 25 March 2017, a serious escalator incident happened at Langham Place in Mong Kok, causing 18 injuries. Since then, there have been various minor escalator incidents across the territory, arousing public concern about the safety of long escalators. Would the Electrical and Mechanical Services Department (EMSD) please advise this Committee of the following:

a) What are the total numbers of incidents arising from faulty escalators and the total casualties resulted from 2015 to 2017? Please list by year.

b) How many escalator inspections were conducted by the EMSD annually from 2015 to 2017? What was the average time spent on each inspection? How many escalators were confirmed to be in need of repair after inspection? What was the total expenditure involved?

c) What is the provision earmarked for escalator safety inspection and associated repair works to be conducted by the EMSD in 2018-19? Are there any manpower shortage problems regarding the inspection and repair works?

Asked by: Hon LAU Kwok-fan (Member Question No. (LegCo use): 25)

Reply:

a) The number of faulty escalator incidents causing passenger casualties and the number of passenger injuries involved from 2015 to 2017 (*) are listed in the following table:

Year	2015	2016	2017
Number of faulty escalator incidents causing passenger casualties (**)	7	3	2
Number of passenger injuries involved	12	3	19

(*) There was no death case involved.

(**) Incidents relating to passenger behaviour (e.g. loss of balance) and external factors (e.g. tiny metallic objects, stroller wheels, etc. being wedged in the space between the step and combplate) are not included.

b) The number of audit inspections for escalators conducted by the EMSD under the Lifts and Escalators Ordinance (Cap. 618) and the number of escalators confirmed to be in need of repair after such inspections from 2015 to 2017 are listed in the following table:

Year	2015	2016	2017
Number of audit inspections for escalators conducted by the EMSD	1 710	1 363	2 430
Number of escalators confirmed to be in need of repair after audit inspections	51	131	23

The time spent on each audit inspection varied and on average each inspection took about one hour to complete. The duration of each audit inspection depends on its scope which differs in various stages of escalator works, such as during routine maintenance and annual examination, after major alteration works, on completion of new installation works, during incident investigation, etc. The EMSD has no access to the cost data of the subsequent repair works, which is commercial information between the Responsible Persons (RPs) for escalators and the registered escalator contractors (RCs) concerned.

c) The estimated total expenditure of the EMSD for lift and escalator safety in 2018-19 is $45.1 million which covers the whole range of work to be carried out collectively by a dedicated team of the EMSD. However, there is no breakdown of the estimated expenditure for carrying out escalator audit inspections alone. The EMSD has sufficient manpower for carrying out audit inspections and associated regulatory works for lift and escalator safety, and would flexibly deploy resources to suit the needs when there is any change in service demand. With regard to the repair works to escalators arising from the audit inspections, they are carried out by the RCs engaged by the RPs, and the EMSD has no access to the cost data of such repair works, which is commercial information between the RPs and the RCs concerned. With regard to the manpower for the escalator inspection and repair works, according to the regular manpower survey results and manpower forecast conducted by the EMSD, it is estimated that there is sufficient manpower in the trade to carry out the works. The EMSD would continue to monitor the manpower situation and work closely with the trade to ensure adequate manpower supply.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3287)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

Regarding the provision of sign language interpretation services in the past five years, will the Government inform this Committee of the following:

1. Were there any sign language interpretation services provided? If yes, what were the frequency, occasions and causes for providing sign language interpretation services in each year?
2. Referring to the above question, what were the number of sign language interpreters involved in each year, their pay and the organisations to which they belong? What was the total expenditure involved in each year?
3. Will the Government consider allocating more resources to improve the services for communicating with the deaf and/or persons with hearing impairment in future? If yes, what are the details (including measures, manpower and expenditure involved and timetable, etc.)? If no, what are the reasons?

Asked by: Hon LEUNG Yiu-chung (Member Question No. (LegCo use): 59)

Reply:

The Electrical and Mechanical Services Department (EMSD) did not provide any sign language interpretation services in the past five years. As there has been no demand for such services, the EMSD does not allocate resources in this respect. However, the EMSD is committed to engaging relevant non-governmental organisations for sign language interpretation services when situation requires.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0158)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

The Electrical and Mechanical Services Department will create 64 non-directorate posts in 2018-19. Will the Government set out in detail the ranks, duties and expenditures on emoluments of these posts? How many of them are related to the engineering profession?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 3)

Reply:

A breakdown showing the 64 new non-directorate posts to be created in the Electrical and Mechanical Services Department in 2018-19 with ranks, main duties and notional annual mid-point salary (NAMS) values is provided as follows. Among the 64 new non-directorate posts, 38 are engineering professional posts.

Rank	Number of Posts	Main Duties	NAMS Value of the Rank ($)
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Two	Vehicle Safety To step up compliance inspections under the voluntary registration schemes for vehicle mechanics and vehicle maintenance workshops_	$749,010
Mechanical Inspector	Four		$669,900
Assistant Clerical Officer	One		$262,560

Rank	Number of Posts	Main Duties	NAMS Value of the Rank ($)
Clerical Assistant	One		$204,960
Senior Electrical and Mechanical Engineer	One	<u>Railway Safety</u> • To develop and implement a new regulatory regime for the recognition/authorisation of the high-speed train drivers of the Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) • To step up the assessment and auditing of MTRCL's Asset Management System and Safety Management System • To oversee safety matters of the new railway projects, including the XRL project	$1,389,540
Senior Electronics Engineer	Two		$1,389,540
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Four		$749,010
Electronics Engineer / Assistant Electronics Engineer	Three		$749,010
Clerical Assistant	One		$204,960
Senior Building Services Engineer	Two	<u>Energy Efficiency</u> • To implement district cooling service in various new development areas and redevelopment areas • To support the Environment Bureau in implementing the Energy Saving Plan for Hong Kong's Built Environment 2015-2025+ and the Hong Kong's Climate Action Plan 2030+ • To support the Environment	$1,389,540
Senior Electrical and Mechanical Engineer	Two		$1,389,540
Senior Engineer	Two		$1,389,540
Building Services Engineer / Assistant Building Services Engineer	Eight		$749,010

Rank	Number of Posts	Main Duties	NAMS Value of the Rank ($)
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Four		$749,010
Assistant Clerical Officer	Two		$262,560
Senior Electrical and Mechanical Engineer	One	<u>Lift and Escalator Safety</u> To step up the promotion of modernisation schemes and increase the number of inspections for aged lifts and escalators	$1,389,540
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Two		$749,010
Electrical Inspector	One		$669,900
Assistant Mechanical Inspector	Six		$421,020
Executive Officer I	One		$734,040
Clerical Assistant	Two		$204,960
Senior Electrical and Mechanical Engineer	One	<u>Gas Safety</u> To implement a comprehensive monitoring regime on the development of refrigerants of low global warming potential	$1,389,540
Building Services Engineer / Assistant Building Services Engineer	One		$749,010
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	One		$749,010

Rank	Number of Posts	Main Duties	NAMS Value of the Rank ($)
Senior Mechanical Inspector	One		$862,920
Mechanical Inspector	Two		$669,900
Air-Conditioning Inspector	One		$669,900
Assistant Clerical Officer	One		$262,560
Senior Electronics Engineer	One	<u>Building Information Modelling (BIM) Technology in Works Projects</u> To research and develop applications of the BIM - Asset Management (BIM-AM) System and related advanced technologies	$1,389,540
Building Services Engineer / Assistant Building Services Engineer	One		$749,010
Senior Technical Officer	One		$583,560
Technical Officer / Technical Officer Trainee	One		$268,590

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0159)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

In 2018, the targeted number of inspection for lifts and escalators is estimated as 14 000, which is 18.4% of the number of existing lifts and escalators. It is higher than the actual number of 11 231 in 2017 due to the implementation of modernisation scheme by the Government. In this regard, would the Government advise on the following:

1. What is the estimated expenditure for the modernisation works?
2. In view of the increase in the number of inspections, will there be any increase in the establishment of the EMSD? Are there sufficient competent practitioners at present for carrying out the modernisation works as well as the maintenance and repair works in future?
3. Please advise on the current numbers of competent lift and escalator practitioners and the wastage rate in the past three years.
4. Is there any measure to improve the working environment and remuneration packages of lift and escalator practitioners so as to reduce brain drain and attract new blood? If yes, what are the details? If no, what are the reasons?
5. Is there any new measure to assist the trade in training new talents? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 4)

Reply:

1. There is room for improvement of the performance of aged lifts through modernisation works. The Electrical and Mechanical Services Department (EMSD) will step up the promotion of lift and escalator modernisation schemes by strengthening the publicity to Responsible Persons (RPs) and increasing the inspection to lifts and escalators. The estimated additional expenditure in 2018-19 is $7.3 million.

2. In 2018-19, one Senior Electrical and Mechanical Engineer, two Electrical and Mechanical Engineers, one Electrical Inspector, six Assistant Mechanical Inspectors,

two Clerical Assistants and one Executive Officer will be added to the lift and escalator teams of the EMSD to carry out additional inspections and strengthen the publicity to RPs.

Based on the regular manpower survey results and manpower forecast conducted by the EMSD, it is estimated that there is sufficient practitioners for carrying out the modernisation works as well as the maintenance and repair works in future. The EMSD would continue to monitor the trade manpower and work closely with the trade to ensure adequate manpower supply.

3. The number of lift/escalator practitioners kept on increasing in recent years, although there is some staff wastage. The total numbers of registered lift/escalator engineers and registered lift/escalator workers in 2015, 2016 and 2017 are 5 643, 5 767 and 5 958 respectively. In addition, the numbers of general workers in the trade in these years are 1 452, 1 725 and 1 838 respectively. The rate of registration withdrawal of registered engineers and registered workers are 0.02%, 0.10% and 0.45% respectively in these years.

4. The EMSD has been collaborating with the lift and escalator trade to take forward measures to improve the working environment of lift and escalator practitioners. The EMSD continues to review and update the Code of Practice for Lift Works and Escalator Works with a view to improving the working conditions, such as enhancing the safety requirements and providing better ventilation, lightings, etc. in the working environment. As for the worker's remuneration, following introduction of the new registration system for lift and escalator workers under the Lifts and Escalators Ordinance in late 2012, which replaced the employer-tied registration arrangement, the lift and escalator workers are provided with more flexibility in choosing their jobs and hence better bargaining power in negotiating remuneration packages. The trade provides better remuneration packages in recent years to practitioners to attract new blood and to retain expertise in the trade. The EMSD conducts regular trade survey to monitor the salary level of practitioners. The latest survey results show that the remuneration of registered workers and engineers rose by 6.6% and 8.2% respectively in 2015 and 6.2% and 5.1% respectively in 2016.

5. The EMSD has been working closely with the trade and various organisations in monitoring the manpower situation and implementing measures in recent years to attract and train up new talents. Major measures include:

- The Vocational Training Council (VTC) and the Construction Industry Council (CIC) jointly introduced the Earn & Learn Scheme in 2014. The number of new apprentices joining the lift and escalator industry has significantly increased from about 70 a year to over 250 a year in 2016 and 2017;
- In 2016, the VTC and the University of Hong Kong School of Professional and Continuing Education launched two lift and escalator courses for practicing workers for them to acquire the academic qualification for registration as registered workers; and
- The CIC has implemented the Contractor Cooperative Training Scheme for the Electrical and Mechanical (E&M) trades (including lift mechanic and escalator mechanic) to provide financial support to those who wish to join the lift and

escalator industry.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0472)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): (000) Operational Expenses

Programme: Not specified

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

Would the Electrical and Mechanical Services Department please provide the following information regarding the Artisan and Works Supervisor grades:

1. the establishment, strength, number of retirees and staff wastage by ranks of the various Artisan and Works Supervisor grades in the Department in 2016-17, 2017-18 and 2018-19 (estimate);

2. the total number of monthly overtime hours of the staff in these grades in 2017-18;

2.1 the percentage of overtime work compensated by time-off in lieu within one month of the date on which the overtime was worked;

2.2 the percentage of overtime work compensated by overtime allowance; and

2.3 the expenditure on monthly overtime allowance.

Asked by: Hon POON Siu-ping (Member Question No. (LegCo use): 11)

Reply:

1. The establishment, strength, number of retirees and staff wastage by ranks of the various Artisan and Works Supervisor grades in the Electrical and Mechanical Services Department (EMSD) in 2016-17, 2017-18 and 2018-19 (estimate) are as follows:

	Establishment	Strength	Number of Retirees	Staff Wastage
WS I	0	0	0	0
WS II	0	0	0	0

Sr Art	1	1	0	0
Art	1	1	0	0

Note: WSI / WSII stand for Works Supervisor I / Works Supervisor II; Sr Art / Art stand for Senior Artisan / Artisan. The above table shows the establishment and strength of the EMSD under Head 42, which does not cover the staff under the Electrical and Mechanical Services Trading Fund.

2. The total number of overtime hours of the Artisan and Senior Artisan grades in 2017-18 is 447.5 hours. Nil for the Works Supervisor grade.

2.1 The average percentage of overtime work compensated by time-off in lieu for the Artisan and Senior Artisan grades in 2017-18 is 31%.

(Remarks: The above figure reflects time-off in lieu taken in 2017-18. We do not have the figure for overtime work compensated by time-off in lieu within one month of the date on which the overtime was worked as the claimant may choose to take time-off within one month from the date when the overtime was worked or accumulate them in his time-off pool for future use.)

2.2 The average percentage of overtime work compensated by overtime allowance for the Artisan and Senior Artisan grades in 2017-18 is 69%.

2.3 The total expenditure on overtime allowance for the Artisan and Senior Artisan grades in 2017-18 is $45,000.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0091)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

With regard to the manpower of the Electrical and Mechanical Services Department for lift and escalator inspection:

1. What are the number of staff who received relevant training, their salaries and the expenditure involved in the past three years?

2. What is the wastage rate of the competent technical staff for lift and escalator inspection in the past three years?

3. Will the Government allocate more resources to increase the manpower for lift inspection? What is the estimated expenditure?

4. What measures will the Government plan to enhance lift and escalator safety? What is the estimated expenditure?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. (LegCo use): 31)

Reply:

1. The whole range of the work of the Electrical and Mechanical Services Department (EMSD) on lift and escalator safety is carried out collectively by a team, and the EMSD does not have a breakdown of the manpower for individual work such as lift and escalator inspection. The whole team of staff is technically competent and has received relevant training. The number of staff in the team, their salaries and the total expenditure in years 2015-16, 2016-17 and 2017-18 are listed below:

	2015-16	**2016-17**	**2017-18**
Number of staff in the lift and escalator safety team	36	27	34
Total salary of staff	$24.2 million	$19.2 million	$23.9 million
Total expenditure (including salary)	$35.9 million	$32.6 million	$36.8 million

			(estimated)

2. The wastage rate of the lift and escalator safety team in 2015, 2016 and 2017 are 3%, 4% and 3% respectively. The staff wastage in the past three years is entirely due to retirement. The EMSD has established a staff posting and training mechanism for filling vacancies arising from retirement and ensuring staff competence in carrying out work related to lift and escalator safety.

3. In 2018-19, one Senior Electrical and Mechanical Engineer, two Electrical and Mechanical Engineers, one Electrical Inspector, six Assistant Mechanical Inspectors, two Clerical Assistants and one Executive Officer will be added to the lift and escalator safety team of the EMSD to carry out additional inspections, and strengthen the support to the Responsible Persons (RPs) for lifts and escalators in managing their lifts and escalators and carrying out lift and escalator modernisation works. The estimated additional expenditure in 2018-19 is $7.3 million.

4. In 2018-19, the EMSD will continue to strictly enforce the Lifts and Escalators Ordinance (the Ordinance) (Cap. 618) and step up public education and publicity to enhance lift and escalator safety. The work related to lift and escalator safety in 2018-19 includes:

(i) Increasing the number of lift and escalator inspections to about 14 000 according to a risk-based approach;
(ii) Taking enforcement actions against contravention of the Ordinance;
(iii) Maintaining a registration system for lift and escalator contractors, engineers and workers; and
(iv) Carrying out public education and publicity, including the provision of support to the RPs in managing their lifts and escalators and promotion of modernisation of aged lifts and escalators.

The estimated total expenditure for lift and escalator safety in 2018-19 is $45.1 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1790)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

Provision for 2018-19 is $14.1 million (10.3%) higher than the revised estimate for 2017-18. This is mainly due to the creation of 32 posts. Please provide details of these 32 new posts, including their posts, ranks, emoluments and duties.

Asked by: Hon YICK Chi-ming, Frankie (Member Question No. (LegCo use): 50)

Reply:

A breakdown showing the 32 new civil service posts under Programme (2) Mechanical Installation Safety to be created in the Electrical and Mechanical Services Department (EMSD) in 2018-19 with posts, ranks, notional annual mid-point salary (NAMS) values and main duties is provided as follows:

Post / Rank	Number of Posts	Main Duties	NAMS Value of the Rank ($)
Senior Electrical and Mechanical Engineer	One	Lift and Escalator Safety To step up the promotion of modernisation schemes and increase the number of inspections for aged lifts and escalators	$1,389,540
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Two		$749,010
Electrical Inspector	One		$669,900
Assistant Mechanical Inspector	Six		$421,020
Executive Officer I	One		$734,040

Post / Rank	Number of Posts	Main Duties	NAMS Value of the Rank ($)
Clerical Assistant	Two		$204,960
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Two	<u>Vehicle Safety</u> To step up compliance inspections under the voluntary registration schemes for vehicle mechanics and vehicle maintenance workshops	$749,010
Mechanical Inspector	Four		$669,900
Assistant Clerical Officer	One		$262,560
Clerical Assistant	One		$204,960
Senior Electrical and Mechanical Engineer	One	<u>Railway Safety</u> • To develop and implement a new regulatory regime for the recognition/authorisation of the high-speed train drivers of the Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) • To step up the assessment and auditing of MTRCL's Asset Management System and Safety Management System • To oversee safety matters of the new railway projects, including the XRL project	$1,389,540
Senior Electronics Engineer	Two		$1,389,540
Electrical and Mechanical Engineer / Assistant Electrical and Mechanical Engineer	Four		$749,010
Electronics Engineer / Assistant Electronics Engineer	Three		$749,010
Clerical Assistant	One		$204,960

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1845)

Head: (60) Highways Department

Subhead (No. & title): Not specified

Programme: (4) Technical Services

Controlling Officer: Director of Highways (Daniel K W CHUNG)

Director of Bureau: Secretary for Development

Question:

During the typhoon season in each year, there will be accidents involving collapse of trees of invasive species. Regarding the estimate of expenditure for technical services, will the Government reserve resources and manpower for inspection on the safety of invasive tree species before the onset of typhoon season and for taking a proactive approach to handling trees with potential risk of failure?

Asked by: Hon CHAN Han-pan (Member Question No. (LegCo use): 50)

Reply:

The Highways Department (HyD) maintains vegetation within expressway boundaries and on the slopes under its purview. Vegetation maintenance operations, which include removal of invasive species (e.g. *Leucaena leucocephala*), are carried out at least once every six months. HyD also completes tree risk assessments and implements mitigation measures in accordance with the Guidelines for Tree Risk Assessment and Management Arrangement (issued by the Development Bureau's Greening, Landscape and Tree Management Section) before the rainy and typhoon season every year. Horticultural maintenance measures, such as removing dead or dangerous trees, pruning broken branches and overgrown vegetation, etc, are carried out in order to ensure public road safety.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1817)

Head: (60) Highways Department

Subhead (No. & title): (000) Operational expenses

Programme: (4) Technical Services

Controlling Officer: Director of Highways (Daniel K W CHUNG)

Director of Bureau: Secretary for Development

Question:

The Department will enhance the maintenance of vegetation for roadside slopes and expressways. Are there any plans to review the method of planting trees on major walkways in each district to ensure the safety of pedestrians? If so, what are the objectives and performance indicators?

Asked by: Hon CHENG Chung-tai (Member Question No. (LegCo use): 22)

Reply:

The Highways Department (HyD) is responsible for maintaining vegetation on slopes under HyD's maintenance and within the boundaries of expressways. Regular horticultural inspections are conducted at least once every six months and necessary maintenance operations, such as pruning, pest control and removal of hazardous trees, are carried out in order to ensure public road safety.

HyD carries out tree planting work on a slope, where suitable, when there are upgrading/improvement works for the slope. The planting work will be designed and implemented according to the "Right Tree, Right Place" principle and relevant planting guidelines, including "Proper Planting Practices" promulgated by the Greening, Landscape and Tree Management Section of the Development Bureau and "Technical Guidelines on Landscape Treatment for Slopes" (GEO Publication No. 1/2011) published by the Civil Engineering and Development Department. For example, trees will be pruned to maintain the minimum headroom required for footway and they will not be planted on slopes with a gradient greater than 35 degrees. By following the principle and guidelines, HyD will continue its efforts to ensure public road safety.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3244)

Head: (60) Highways Department

Subhead (No. & title): Not Specified

Programme: (4) Technical Services

Controlling Officer: Director of Highways (Daniel K W CHUNG)

Director of Bureau: Secretary for Development

Question:

Please provide information on the Highways Department (HyD)'s expenditure and manpower for greening and tree management work in projects in each of the past three years.

Asked by: Hon IP LAU Suk-yee, Regina (Member Question No. (LegCo use): 58)

Reply:

The expenditure and staff deployed for the greening works in projects and tree management works in the past three years in the HyD are set out below:

	Greening works in projects (Note 1)	Tree management works	
Financial year	Expenditure ($ million)	Expenditure ($ million)	Staff (Note 2)
2015-16	8.4	56.9	28
2016-17	14.4	54.5	28
2017-18(Note 3)	61.8	52.4	28

Note 1:
Greening works form an integral part of projects. There is no separate data on the number of staff involved as dealing with such works constitutes only part of their duties.

Note 2:
The figures include only full-time government staff fully involved in tree management duties.

Note 3:
The expenditure figures are estimates, projected up to the end of March 2018, for greening works in projects and tree management works.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2221)

Head: (60) Highways Department

Subhead (No. & title): Not specified

Programme: (4) Technical Services

Controlling Officer: Director of Highways (Daniel K W CHUNG)

Director of Bureau: Secretary for Development

Question:

With the widening works for Tuen Mun Road completed in end of 2015, the Government carried out greening works on a number of noise barriers at various road sections between Tuen Mun and Tsuen Wan. As observed, there was massive withering of vegetation on the greening noise barriers, which failed to achieve the purpose of greening. In this connection, please advise on the following:

1. What were the expenses for the maintenance of greening vegetation at Tuen Mun Road over the past year?
2. What is the frequency of watering and applying fertilizers for vegetation on the greening noise barriers at Tuen Mun Road?
3. What was the quantity of vegetation that was replaced due to withering over the past year? What was the overall percentage involved? Is it on the high side when compared with other greening noise barriers? If so, has the Government conducted any review to find out the cause?

Asked by: Hon MA Fung-kwok (Member Question No. (LegCo use): 75)

Reply:

Under the Reconstruction and Improvement of Tuen Mun Road project, vertical green (VG) panels spanning approximately 3.4 kilometres were installed on noise barriers. The Highways Department (HyD) and the Leisure and Cultural Services Department (LCSD) undertake regular maintenance of the vegetation on these panels in different sections of the project.

1. The horticultural maintenance work is carried out under a maintenance term contract. There is no separate itemised breakdown for the cost of such maintenance work.

2. An automatic irrigation system has been installed for VG panels and the plants are irrigated every day for around ten to 20 minutes. As the VG panels are newly constructed,

with their proprietary soil medium supplying the nutrients needed by the plants, fertilisation is unnecessary for the time being.

3. About 303 700 plants were installed in the VG panels and approximately 42 600 plants (14%) were replaced in 2017. The overall percentage involved was within an acceptable range, as the withering of plants was mainly caused by damage to pipelines and driplines, and mechanical breakdowns of the irrigation system. HyD and LCSD will continue to monitor the growing conditions of the plants to ensure the performance of the VG panels.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2610)

Head: (118) Planning Department

Subhead (No. & title): Not specified

Programme: (1) Territorial Planning

Controlling Officer: Director of Planning (Raymond LEE)

Director of Bureau: Secretary for Development

Question:

It is stated in Matters Requiring Special Attention in 2018–19 under Programme (1) of this Head that the Government will continue to provide strategic planning input to Lantau development and conservation and other related studies. In this connection, please advise this Committee, in point form, of the details of the supporting measures to facilitate the taking forward of such work and the estimated expenditure for each measure.

Asked by: Hon CHOW Ho-ding, Holden (Member Question No. (LegCo use): 52)

Reply:

The Territorial Planning Branch of the Planning Department (PlanD) will continue to provide planning advice on and inputs to the spatial planning and conservation aspects related to the Sustainable Lantau Blueprint from a strategic planning perspective. Such work includes providing support to the Lantau Development Advisory Committee and its sub-committees, and various studies for Lantau including the "Study on Traffic, Transport and Capacity to Receive Visitors for Lantau - Feasibility Study" and the "Ecological Study for Pui O, Shui Hau, Tai O and Neighbouring Areas - Feasibility Study".

Since the bulk of the work is mainly undertaken as part of the overall duties of the staff of PlanD, we are unable to provide a breakdown on the estimated expenditure solely for this area of work.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1960)

Head: (194) Water Supplies Department

Subhead (No. & title): (000) Operational Expenses

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

What were the numbers of reports of fresh water main bursts and salt water main bursts in various districts that the Water Supplies Department received in each of the past 3 years? What was the quantity of fresh water wasted each year? What is the progress of Government's Replacement and Rehabilitation Programme for water mains?

Asked by: Hon CHAN Hak-kan (Member Question No. (LegCo use): 50)

Reply:

The numbers of water main burst cases in 2015, 2016 and 2017 by districts are tabulated below –

District	Fresh Water			Salt Water		
	2015	2016	2017	2015	2016	2017
Central & Western	4	3	3	3	0	2
Eastern	2	7	6	4	4	6
Islands	3	9	2	0	0	0
Southern	2	3	1	1	1	1
Wan Chai	0	2	6	1	1	2
Kowloon City	9	7	1	16	11	4
Kwun Tong	2	2	0	4	7	6
Sham Shui Po	2	1	2	3	3	1
Wong Tai Sin	2	0	0	4	0	2
Yau Tsim Mong	5	4	1	12	3	3
North	7	1	0	0	1	0
Sai Kung	4	2	1	2	4	2
Sha Tin	6	5	2	2	1	4
Tai Po	3	2	1	12	6	2

Kwai Tsing	8	3	5	6	7	9
Tuen Mun	3	2	0	4	0	6
Tsuen Wan	1	3	2	2	3	2
Yuen Long	6	8	3	0	0	0
Total	69	64	36	76	52	52

The amount of water drained away due to fresh water main bursts was less than 0.01% of the total fresh water supplied.

The programme of replacement and rehabilitation of about 3 000 km water mains was implemented in stages starting from 2000. All stages of the programme were substantially completed by end 2015. The outstanding works remaining include some connections of the newly replaced/rehabilitated water mains to the customers and a few sections of mainlaying works with difficult site conditions due to heavy traffic, congested underground utilities or noise restriction. They are anticipated to be completed within 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0718)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The residues of treatment agents and disinfectants for drinking water may combine with the chemicals in water to form health-affecting chemical substances. In this regard, are regular tests conducted by the Water Supplies Department?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 10)

Reply:

All raw water undergoes stringent treatment processes at the water treatment works in Hong Kong before being supplied to the customers. The Water Supplies Department (WSD) has implemented a comprehensive water quality monitoring programme by taking water samples from water treatment works, service reservoirs, distribution networks and consumers' taps to monitor their water quality including the by-products formed from treatment chemicals and disinfectants to ensure the safety of the drinking water.

According to the monitoring results, the quality of treated water supplied by WSD complies fully with the Hong Kong Drinking Water Standards, which currently adopt the guideline values/provisional guidelines values recommended by the World Health Organization's Guidelines for Drinking-water Quality and the treated water is safe for consumption.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0101)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

What was the number of applications for meters in each of the past 4 years (i.e. from 2014 to 2017)? And, what was the respective number of applications made by the catering industry out of the total? What was the average, longest and shortest time needed respectively for handling applications for meters and completing installation of meters in each year of the same period? And, what were the respective figures for the catering industry? How many complaints about meters were received in each year of the same period? And, what was the respective number of complaints received from the catering industry? What were the respective expenditure and staffing required for processing meter applications for each of the said period and the estimated expenditure and staffing for 2018?

Asked by: Hon CHEUNG Yu-yan, Tommy (Member Question No. (LegCo use): 33)

Reply:

The applications for water supply are mainly for new buildings and from various trades including the catering industry. The whole approval process of the applications for water supply generally involves vetting of plumbing proposals submitted by the applicants, checking of their pipes/fittings proposals and inspection of the completed plumbing works. The Water Supplies Department (WSD) does not readily have information on the time for handling individual processes of these applications, but we can capture the total processing time of the whole approval process, i.e. from first application for water supply to the final approval of the completed plumbing works. The total processing time includes not only the time

taken by WSD to process the application but also the time taken by the applicant for submission of plumbing proposal, revision(s) and supplementary information, and rectification of plumbing works not complying with the requirement. The numbers of applications for water supply, the total processing time, the numbers of staff and associated expenditures involved in processing the applications for new buildings and catering industry in the past four years from 2014 to 2017 are tabulated below.

	2014		2015		2016		2017	
	New Buildings	Catering	New Buildings	Catering	New Buildings	Catering	New Buildings	Catering
Number of applications #	2 510	379	2 224	305	1 871	136	1 303	291
Average total processing time of completed cases in calendar days	155 *(12 – 797)*^	81 *(11 – 444)*^	222 *(15 – 647)*^	129 *(15 – 549)*^	150 *(26 – 325)*^	105 *(37 – 374)*^	146 *(15 – 307)*^	98 *(35 – 302)*^
Number of staff and associated expenditure involved in processing the applications##	74 $25 million		75 $27 million		98 $39 million		108 $45 million	

\# This represents the number of applications received in that year that have also obtained approval of the completed plumbing works.

Applications from the catering industry are handled together with other applications by the same teams. There is no breakdown of the numbers of staff involved in handling applications from the catering industry.

^ The figures in bracket represent the range of the total processing time in calendar days.

Among the above four years, the average total processing time of applications for water supply in 2015 is comparatively longer. This is mainly due to the implementation of various measures for enhancing drinking water safety in the wake of the excess lead-in-water incident in July 2015. The vetting of applications for water supply involved more procedures and the processing time was therefore lengthened. With a view to shortening the processing time of applications for water supply, the WSD has implemented various measures, including streamlining internal workflow and deploying as well as recruiting additional manpower to handle the applications. These measures have been proved to be effective. The WSD will continue to review and enhance these measures to further shorten the time needed to process applications for water supply.

In addition, the WSD has implemented a pilot scheme in November 2017 to enhance the processing of applications for water supply from the catering industry. As at January 2018, 126 applications have been received under the scheme and among which 20 applications have obtained approval of the completed plumbing works, with an average total processing time of 30 days. Preliminary results of the pilot scheme show that the processing time of applications by the catering industry for water supply can be substantially shortened which is welcomed by the plumbing industry. The WSD will continue to monitor the performance of the pilot scheme. If its effectiveness could sustain, the WSD is prepared to adopt such scheme as a standing arrangement.

The numbers of complaints relating to water meters in 2014, 2015, 2016 and 2017 were 278, 225, 282 and 281 respectively. The complaints mainly concerned defective meter and wrong meter arrangement which had been duly followed up. We do not maintain separate complaint record for the catering industry.

The expenditures associated with the processing of applications for water supply from 2014 to 2017 were shown in the above table and were mainly on staff costs.

The estimated number of staff involved in handling applications for water supply in 2018 is 108 and the associated expenditure is $46 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1038)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

It is mentioned under Programme (1) that the Water Supplies Department will study the feasibility of relocating service reservoirs into caverns. In this regard, please inform this Committee, in a tabular format, of:

1. the location, name and area of the service reservoirs being considered;
2. the future land uses of the released sites;
3. whether there will be a change in water quality after the relocation; if yes, the details of it.

Asked by: Hon HO Kai-ming (Member Question No. (LegCo use): 52)

Reply:

1. Details of service reservoirs being considered for relocation into caverns are tabulated below:

Name	Location	Approximate area of service reservoir(s) (square metre)
Diamond Hill fresh water and salt water service reservoirs	Sha Tin Pass Road, Wong Tai Sin	9 400
Yau Tong fresh water and salt water service reservoirs	Pik Wan Road, Yau Tong	6 000
Yau Tong No. 2 fresh water service reservoir	Ko Chiu Road, Yau Tong	7 300
Tsuen Wan No. 2 fresh water service reservoir	Shing Mun Road, Tsuen Wan	6 550

2. For the relocation of Diamond Hill fresh water and salt water service reservoirs into caverns, feasibility of relocation has been established. At present, we have

consulted the Development Panel of Legislative Council (LegCo) on the funding proposal to upgrade the investigation, design and associated site investigation works related to the relocation to Category A and will seek funding approval from Finance Committee of the LegCo. The future land uses of the released site are subject to a separate planning and engineering study to be carried out in due course.

For the relocation of Yau Tong fresh water and salt water service reservoirs, Yau Tong No. 2 fresh water service reservoir and Tsuen Wan No. 2 fresh water service reservoir into caverns, the relevant feasibility studies are under way. Upon establishing the feasibility of their relocations, the future land uses of the released sites will be considered at a subsequent stage.

3. Relocation of service reservoirs into caverns will not affect the water quality.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2872)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

It is mentioned under Programme (1) that the Water Supplies Department will implement the total water management strategy with focuses on water conservation and water loss management as well as on development of new water resources. In spite of Department's implementation of Water Intelligent Network (WIN), with the mains aging, many districts encounter main bursts every year. In this regard, please inform this Committee, in tabular format, of:

1. the number of main bursts occurred in each district in Hong Kong in the past 3 years;
2. the average time needed for repair of a main burst in the past 3 years;
3. the quantity in cubic metre of fresh water wasted in each main burst in the past 3 years;
4. the progress and details of the main replacement in the coming year.

Asked by: Hon HO Kai-ming (Member Question No. (LegCo use): 51)

Reply:

1. The numbers of fresh and salt water main bursts occurred in the past three years by districts are tabulated below –

District	Fresh Water			Salt Water		
	2015	2016	2017	2015	2016	2017
Central & Western	4	3	3	3	0	2
Eastern	2	7	6	4	4	6
Islands	3	9	2	0	0	0
Southern	2	3	1	1	1	1
Wan Chai	0	2	6	1	1	2
Kowloon City	9	7	1	16	11	4
Kwun Tong	2	2	0	4	7	6
Sham Shui Po	2	1	2	3	3	1

District	Fresh Water			Salt Water		
	2015	2016	2017	2015	2016	2017
Wong Tai Sin	2	0	0	4	0	2
Yau Tsim Mong	5	4	1	12	3	3
North	7	1	0	0	1	0
Sai Kung	4	2	1	2	4	2
Sha Tin	6	5	2	2	1	4
Tai Po	3	2	1	12	6	2
Kwai Tsing	8	3	5	6	7	9
Tuen Mun	3	2	0	4	0	6
Tsuen Wan	1	3	2	2	3	2
Yuen Long	6	8	3	0	0	0
Total	**69**	**64**	**36**	**76**	**52**	**52**

2. The average time needed for repair of a main burst in the past three years is tabulated below–

	Fresh Water			Salt Water		
	2015	2016	2017	2015	2016	2017
Average time needed for repair of a main burst (hours)	8.1	10.0	10.0	17.0	19.4	20.0

In 2016 and 2017, the average time needed for repair of a main burst has increased due to the more congested underground conditions with lots of utilities, making repair of the water mains more difficult. Besides, there were occasions when adjacent sections of water mains were found to be in unsatisfactory condition and had to be replaced, resulting in longer repair time.

As regards the longer average time needed for repair of a salt water main burst, in addition to the above factors, there were cases when the repair of the salt water main bursts was deferred to minimise the traffic impact in the daytime or noise nuisance at night-time, thus lengthening the repair time of salt water mains.

3. The average amount of water drained away due to a fresh water main burst in the past three years is tabulated below –

	Fresh Water		
	2015	2016	2017
Average amount of water drained away due to a fresh water main burst (cubic metre)	1,097	914	543

4. The programme of replacement and rehabilitation (the programme) of about 3 000 kilometres aged water mains was implemented in stages starting from 2000. All stages of the programme were substantially completed by end 2015. Given the much

improved condition of the water supply network after completion of the programme, the Water Supplies Department considers it will be more effective to sustain the healthiness of the network by a continuous risk-based assessment of the water mains on their need for improvement works including reprovisioning. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains which takes into account various factors such as population and customers served, location, material, age, failure record, pipe size, etc. Based on the risk-based approach, a total of about 40 kilometres of water mains of high-risk or repeated failures will be reprovisioned in 2018-19.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2874)

Head: (194) Water Supplies Department

Subhead (No. & title): (000) Operational Expenses

Programme: Not Specified

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the Programme under the Budget that, as at 31 March 2018, there will be 4 483 posts in the establishment of the Water Supplies Department (WSD). Please inform this Committee of:

1. the WSD's establishment, the strength, and the numbers of vacancies and their percentage share by nature of work (categories of Water Supply, Water Quality Control, and Customer Services), duty/rank, and mode of employment in the past 3 years;

2. the WSD's increases in establishment and the involved expenditure by nature of work (categories of Water Supply, Water Quality Control, and Customer Services), duty/rank, mode of employment, and amount of salary in the past 3 years and the coming 1 year.

Asked by: Hon HO Kai-ming (Member Question No. (LegCo use): 50)

Reply:

1. The establishment in the Water Supplies Department (WSD) of various grades as categorised by types of duties in the past three years is tabulated below:

Types of Duties	**Grade#**	**Establishment**		
		2015-16 (As at 31 March 2016)	**2016-17 (As at 31 March 2017)**	**2017-18 (Estimated as at 31 March 2018)**
Water Supply	Directorate Grades	12	12	12
	Professional Grades	265	264	263
	Technical Grades	1 445	1 444	1 449
	General Grades/Common	1 169	1 168	1 168

Types of Duties	Grade#	Establishment		
		2015-16 (As at 31 March 2016)	2016-17 (As at 31 March 2017)	2017-18 (Estimated as at 31 March 2018)
	Grades			
	Sub-total:	2 891	2 888	2 892
Water Quality Control	Directorate Grades	1	1	3
	Professional Grades	27	33	36
	Technical Grades	80	91	98
	General Grades/Common Grades	28	29	32
	Sub-total:	136	154	169
Customer Services	Directorate Grades	1	1	1
	Professional Grades	28	34	35
	Technical Grades	427	438	439
	General Grades/Common Grades	510	510	520
	Sub-total:	966	983	995
Management and Support	Directorate Grades	9	9	9
	Professional Grades	13	12	12
	Technical Grades	13	14	14
	General Grades/Common Grades	379	386	392
	Sub-total:	414	421	427
	Total:	**4 407**	**4 446**	**4 483**

involving around 100 ranks in the WSD

We do not have the breakdown of strength and vacancies as categorised by types of duties. The strength / vacancies and the vacancy rates in the WSD of various grades in the past three years are tabulated below:

Grade#	2015-16 (As at 31 March 2016)		2016-17 (As at 31 March 2017)		2017-18 (Estimated as at 31 March 2018)	
	Strength*	Vacancy (%)	Strength*	Vacancy (%)	Strength*	Vacancy (%)
Directorate Grades	22	1 (4.3)	25	-2 (N/A)	22	3 (12.0)
Professional Grades	341	-8 (N/A)	348	-5 (N/A)	351	-5 (N/A)
Technical Grades	1 926	39 (2.0)	1 942	45 (2.3)	1 941	59 (3.0)
General Grades/ Common Grades	1 656	430 (20.6)	1 609	484 (23.1)	1 736	376 (17.8)
Total:	**3 945**	**462 (10.5)**	**3 924**	**522 (11.7)**	**4 050**	**433 (9.7)**

involving around 100 ranks in the WSD
* staff are appointed on civil service terms; the strength may be greater than the establishment in some grades, thus giving a negative figure in the vacancy in the above table, mainly due to the inclusion of officers on pre-retirement leave in the strength figures.

2. The draft Estimates sought to increase the establishment ceiling by 27 and 45 non-directorate posts for 2015-16 and 2016-17 respectively. The draft Estimate for 2017-18 sought to increase the establishment ceiling by 20 non-directorate posts, comprising the creation of 23 posts and the lapse of three time-limited posts, and create two directorate posts (subject to the approval of the Legislative Council Finance Committee). The net increase of posts is therefore 22. The draft Estimate for 2018-19 seeks to increase the establishment ceiling by 83 non-directorate posts, comprising the creation of 84 posts and the lapse of one time-limited post, resulting in a net increase of 83 posts.

The additional posts envisaged in the draft Estimates and categorised by types of duties and their salaries are tabulated below. These do not include the creation or deletion of non-directorate posts by the Director of Water Supplies under delegated power, subject to the condition that the notional annual mid-point salary value specified in the relevant draft Estimate is not exceeded:

2015-16

Types of Duties	**Rank**	**Number of Posts**	**Notional Annual Mid-point Salary Value of the Rank ($million)**
Water Supply	Engineer/ Assistant Engineer	1	0.674
Customer Services	Waterworks Inspector	1	0.594
	Assistant Waterworks Inspector	5	0.373
	Consumer Services Inspector	8	0.279
	Works Supervisor II	6	0.247
	Assistant Clerical Officer	6	0.233
	Total:	**27**	

2016 -17

Types of Duties	**Rank**	**Number of Posts**	**Notional Annual Mid-point Salary Value of the Rank ($million)**

Types of Duties	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank ($million)
Water Supply	Engineer/ Assistant Engineer	1	0.702
Water Quality Control	Senior Engineer	1	1.309
	Senior Mechanical Engineer	1	1.309
	Senior Waterworks Chemist	1	1.309
	Waterworks Chemist	2	0.851
	Engineer/ Assistant Engineer	4	0.702
	Mechanical Engineer/ Assistant Mechanical Engineer	2	0.702
	Waterworks Inspector	4	0.622
	Engineering Laboratory Technician I	3	0.517
	Assistant Waterworks Inspector	2	0.391
	Consumer Services Inspector	6	0.291
	Engineering Laboratory Technician II/ Student Engineering Laboratory Technician	6	0.241
	Laboratory Attendant	2	0.203
	Water Sampler	2	0.203
Customer Services	Consumer Services Inspector	2	0.291
Management and Support	Motor Driver	6	0.203
	Total:	**45**	

2017-18

Types of Duties	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank ($million)
Water Supply	Engineer/ Assistant Engineer	1	0.733
Water Quality Control	Administrative Officer Staff Grade C	1	2.056
	Chief Engineer	1	1.733
	Senior Mechanical Engineer	1	1.364
	Senior Waterworks Chemist	1	1.364
	Engineer/ Assistant Engineer	1	0.733
	Assistant Waterworks Inspector	1	0.409

Types of Duties	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank ($million)
	Consumer Services Inspector	1	0.305
Customer Services	Systems Manager	1	0.971
	Analyst/ Programmer I	3	0.713
	Accounting Officer II	1	0.451
	Assistant Waterworks Inspector	1	0.409
	Assistant Clerical Officer	6	0.255
Management and Support	Executive Officer II	1	0.472
	Motor Driver	4	0.212
	Total:	**25**	

2018-19

Types of Duties	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank ($Million)
Water Supply	Senior Engineer	1	1.390
	Engineer/ Assistant Engineer	6	0.749
	Electrical Engineer/ Assistant Electrical Engineer	1	0.749
	Waterworks Inspector	1	0.670
	Senior Technical Officer	1	0.584
	Liaison Officer II	1	0.442
	Assistant Waterworks Inspector	2	0.421
	Works Supervisor II	1	0.279
	Technical Officer/ Technical Officer Trainee	1	0.269
	Assistant Clerical Officer	1	0.263
	Artisan	2	0.218
Water Quality Control	Engineer/ Assistant Engineer	2	0.749
	Mechanical Engineer/ Assistant Mechanical Engineer	1	0.749
	Waterworks Inspector	2	0.670
	Engineering Laboratory Technician I	1	0.557
	Assistant Waterworks Inspector	7	0.421
	Consumer Services Inspector	6	0.314
	Works Supervisor II	1	0.279
	Engineering Laboratory Technician II/ Student Engineering Laboratory Technician	3	0.260
	Laboratory Attendant	1	0.218
	Water Sampler	3	0.218
	Artisan	3	0.218
	Clerical Assistant	1	0.205
	Workman II	2	0.163
Customer Services	Waterworks Inspector	4	0.670
	Clerical Officer	3	0.421
	Meter Reader I	1	0.314
	Assistant Clerical Officer	10	0.263
	Meter Reader II	1	0.218
	Clerical Assistant	5	0.205
Management and Support	Analyst/ Programmer I	3	0.734
	Analyst/ Programmer II	1	0.486
	Computer Operator I	1	0.401
	Motor Driver	4	0.218
	Total:	**84**	

The above posts are/ will be filled by staff appointed on civil service terms.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2171)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department is responsible for water quality control. Regarding the incident of unpleasant odour in the water supplied to Tsuen Wan and Kwai Ching districts on 19 November, please inform this Committee:

1. In the report on the incident, the investigation revealed that the contractor did not seal off the two openings without plastic curtains for air insulation at the locations of the access manholes / cat ladders. Has the Department taken any punitive action against the contractor and made a claim for the additional cost incurred in the incident from the contractor? If yes, what are the details; if no, what are the reasons?

2. The investigation report pointed out that "The site work was supervised by a Works Supervisor II of the WSD. Both the staff responsible for reviewing the material and methodology proposed by the contractor and the staff supervising the work had underestimated the possibility that the VOCs released from the protective coating material in the eastern compartment could get into in the western compartment in operation through the two openings and dissolve in the drinking water." Were the related staff punished for the incident?

3. Did the Department adopt and implement the recommendations given in the report? If yes, what are the details and progress? If not, what are the reasons? How can the recurrence of the incident be prevented?

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 10)

Reply:

1. The unsatisfactory performance of the contractor has been reflected in its performance report. We are also considering claiming the contractor for the additional cost incurred due to the incident.

2. The incident showed that the staff responsible for reviewing the material and methodology proposed by the contractor and the staff supervising the works lacked the awareness of the possible impact of the maintenance works on drinking water quality. In this connection, we consider that provision of necessary training to the staff is more appropriate than taking disciplinary action against them. To this end, we have already taken steps to strengthen training for front-line staff to enhance their awareness of the possible risks on drinking water quality posed by construction and maintenance works.

3. All improvement measures as recommended in the report have been implemented. We believe that with the implementation of all the recommendation measures, the recurrence of the incident can be effectively prevented.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2620)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department (WSD) will continue to review the Waterworks Ordinance (Cap. 102) and Waterworks Regulations (Cap. 102A) to safeguard the drinking water quality through enhanced regulatory control of the inside services. In this regard, would the Government advise this Committee:

1 What were the details of the review and the enhancement measures adopted in the past 3 years?
2 Will any review targeting at the pollution to the water quality brought forth by emerging contaminant be included? For instance, how to ensure microplastics are kept away from the drinking water system and to prevent the citizens from consuming microplastics from drinking the water supplied by the WSD?

Asked by: Hon KWOK Wai-keung (Member Question No. (LegCo use): 50)

Reply:

1. The Water Supplies Department (WSD) has reviewed and put forth the Waterworks (Amendment) Bill 2017, Waterworks (Amendment) Regulation 2017 and Waterworks (Amendment)(No. 2) Regulation 2017 (collectively referred to as "the Amendments") to enhance the regulatory control of inside services to safeguard the drinking water quality. The Amendments have been approved by the Legislative Council, which have clearly specified the personnel who are allowed to carry out the construction etc. of inside services as well as their responsibilities. The Amendments have also enhanced the enforcement effectiveness by revising the time limit of prosecution by the Water Authority (WA) and empowering the WA to conduct inspection during construction etc. of inside services, thus enhancing the deterrent effect of contravening the Waterworks Ordinance (Cap. 102) (WWO). Furthermore, the Amendments updated the applicable technical requirements and standards for plumbing materials.

WSD is conducting a holistic review of the WWO and the Waterworks Regulations (Cap. 102A) for further enhancing the plumbing material control, process control of construction

of inside services and maintenance of inside services to safeguard drinking water quality.

2. WSD has established a mechanism to review emerging contaminants in drinking water. The mechanism involves literature review conducted by in-house Waterworks Chemists and engagement of consultants to provide regular updates on the latest worldwide development on the subject.

With regard to microplastics in drinking water, WSD has engaged a consultant to conduct a study which has revealed that there is currently no health-related guideline value for microplastics in the World Health Organisation's Guidelines for Drinking-water Quality. Also, according to the latest research findings, the risk associated with microplastics in drinking water on health is insignificant because drinking water is not the major source of human exposure to microplastics. Furthermore, the development of monitoring methodology for microplastics is still in the early stage of research and there is no internationally recognised standard method for monitoring microplastics in drinking water.

WSD will continue to keep in view the international researches and development on microplastics in drinking water.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1248)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding water main bursts and faults, would the Government inform this Committee:

(a) What were the respective numbers of cases of fresh water and salt water main bursts occurred in the territory in the past 2 years?

(b) Please use the following table to provide the information of cases of fresh water and salt water main bursts occurred in Yuen Long and Tuen Mun districts in the past 2 years:

Incident Date	Location	Type of Water Mains	Cause of Main Bursts	Time taken for Repair

(c) Does the Department have a plan in 2018-19 to replace the fresh water and salt water mains that have experienced main bursts in Yuen Long and Tuen Mun districts? If yes, what is the expenditure involved and what are the details?

Asked by: Hon LEUNG Che-cheung (Member Question No. (LegCo use): 14)

Reply:

(a) The numbers of fresh and salt water main bursts occurred in the territory in the past two years are tabulated below –

Year	Fresh Water	Salt Water	Total

2016	64	52	116
2017	36	52	88

(b) Details of the fresh and salt water main bursts occurred in Yuen Long and Tuen Mun in the past two years are tabulated in **Appendix I**.

(c) The programme of replacement and rehabilitation (the programme) of about 3 000 kilometres aged water mains was implemented in stages starting from 2000. All stages of the programme were substantially completed by the end of 2015. Given the much improved condition of the water supply network after completion of the programme, the Water Supplies Department considers it more effective to sustain the healthiness of the network by a continuous risk-based assessment of the water mains to determine the need for improvement works including reprovisioning. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains taking into account various factors, such as population and customers served, location, material, age, failure record, pipe size, etc.

Based on the risk-based assessment, aged fresh water mains at Wang Yip Street West in Yuen Long and aged salt water mains at Lung Mun Road and Wu Chui Road in Tuen Mun will be reprovisioned in 2018-19 at an estimated expenditure of about $28 million.

Appendix I

Details of the main bursts occurred in Yuen Long and Tuen Mun in the past two years are tabulated below –

Incident Date	Location	Type of Water Mains	Cause of Main Bursts	Time taken for Repair (hours)
18-Jan-2016	Wang Lee Street, Yuen Long	Fresh	Ground movement	7.2
29-Feb-2016	Yau Shin Street, Yuen Long	Fresh	Damaged by others	11.5*
19-Apr-2016	Wang Yip Street West, Yuen Long	Fresh	Ground movement	10.3*
05-May-2016	Sai Ching Street, Yuen Long	Fresh	Ground movement	7.8
22-May-2016	Fung Cheung Road, Yuen Long	Fresh	Ground movement	9.1*
11-Jun-2016	Shek Pai Tau Road, Tuen Mun	Fresh	Corrosion	13.1
16-Jun-2016	Lung Mun Road, Tuen Mun	Fresh	Ground movement	8.3*
01-Aug-2016	Hop Yick Road, Yuen Long	Fresh	Ground movement	6.8*
11-Aug-2016	Kung Um Road, Yuen Long.	Fresh	Ground movement	11.0*
20-Sep-2016	Leung King Street, Yuen Long	Fresh	Ground movement	7.8
15-Jan-2017	Wu Chui Road, Tuen Mun	Salt	Corrosion	10.0
17-Jan-2017	Tsing Lun Road, Tuen Mun	Salt	Corrosion	8.7
03-Mar-2017	Po Yip Street, Yuen Long	Fresh	Ground movement	10.0
07-Aug-2017	Mai Po Lung, Yuen Long	Fresh	Damaged by others	5.3
18-Apr-2017	Wu Chui Road, Tuen Mun	Salt	Ageing	11.7
19-Apr-2017	Lung Mun Road, Tuen Mun	Salt	Corrosion	29.1
13-Oct-2017	Lung Mun Road, Tuen Mun	Salt	Corrosion	12.3
15-Oct-2017	Ma Tin Road, Yuen Long	Fresh	Ground movement	13.3
19-Dec-2017	Lung Mun Road, Tuen Mun	Salt	Corrosion	18.7

Note(*): There was no water supply interruption in the case.

In the above fresh water main bursts, about half of them did not bring about water supply interruption to customers. For those fresh water main bursts causing water supply interruption, the water suspension was usually localised with only small number of customers affected.

The two salt water main bursts that occurred on 19 April 2017 and 19 December 2017 with much longer time taken for repair were isolated cases mainly due to the need to defer the repair works to avoid causing noise nuisance in the night time. For the former case, additional time was spent on locating the leakage spot and rectifying a defective control valve.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2218)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding the enhanced water quality monitoring programme, please provide the following information:

1. details of the programme, including manpower for manning, resources and procedures of monitoring;

2. what is the expenditure involved in implementing the enhanced water quality monitoring programme?

Asked by: Hon MA Fung-kwok (Member Question No. (LegCo use): 69)

Reply:

1. The Water Supplies Department (WSD) commenced the Enhanced Water Quality Monitoring Programme (Enhanced Programme) in December 2017 for monitoring the drinking water quality at consumers' taps and collecting local water quality data for review of the Hong Kong Drinking Water Standards. Under the Enhanced Programme, the WSD will collect water samples from the drinking water taps of randomly selected premises to test for the contents of the six metals, namely antimony, cadmium, chromium, copper, lead and nickel that could be present in an internal plumbing system.

The WSD will send letters to the consumers of the randomly selected premises to invite them to participate in the programme. Since participation in the Enhanced Programme is non-mandatory, additional premises as back-up will also be invited to ensure that sufficient water samples are collected. Therefore, not all of the invited premises will be visited for collecting water samples.

A sampling period will be stated in the invitation letter, which will usually start two weeks after the date of issue of the invitation letter. A sampling team will visit the selected

premises on any working day during the sampling period from 9 am to 5 pm to collect water samples. The team comprises a water sampler for collection of water samples and a licensed plumber for collection of plumbing information. If consent is obtained from the occupier during the visit, water samples will be collected from one of the drinking water taps in the premises. The water samples include a Tier 1 – Random Day Time ("RDT") water sample and a Tier 2 – 30-minute stagnation ("30MS") water sample. The Tier 2 water sample will only be tested if exceedance is found in the Tier 1 water sample to verify the test result. The whole sampling process will take about one hour.

The WSD will inform the consumers the water sampling test result within two weeks after the collection of water samples. The test results of the water samples collected under the Enhanced Programme will also be compiled as water quality statistics and uploaded to the WSD's website on a weekly basis.

At present, the WSD deploys one Senior Waterworks Chemist, two Waterworks Chemists, three Engineering Laboratory Technicians I, six Engineering Laboratory Technicians II, two Laboratory Attendants and two Water Samplers for the implementation of the Enhanced Programme. Additional posts will be created as necessary in 2018-19 to cater for sampling and testing of additional parameters that may be included in the Enhanced Programme.

The WSD has engaged an independent consultant to select premises for invitation to participate in the Enhanced Programme. The consultant also provides licensed plumbers to serve as members of the sampling teams.

2. The estimated expenditures for implementing the Enhanced Programme for monitoring the six metals are $0.75 million and $2.25 million in 2017-18 and 2018-19 respectively. These figures include the expenditures on (i) chemicals and consumables for collection and analysis of water samples, (ii) engagement of the independent consultant, and (iii) promotion of the Enhanced Programme.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2422)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding the programme of "Customer Services", would the Government advise this Committee of:

(a) the measures adopted in 2017-18 and will be adopted in 2018-19 by the Department to enforce, investigate, and prosecute cases related to the Waterworks Ordinance and Waterworks Regulations;

(b) the number of cases contravening the Waterworks Ordinance and Waterworks Regulations handled by the Department in the past 1 year and their nature (list the number of cases and their nature in tabular form); and

(c) the estimates of expenditure and staffing for enforcing the Waterworks Ordinance and Waterworks Regulations?

Asked by: Hon MAK Mei-kuen, Alice (Member Question No. (LegCo use): 41)

Reply:

(a) In 2017-18, the Water Supplies Department (WSD) continued to adopt risk-based inspections and surprise checks to detect suspected contravention cases of the Waterworks Ordinance (Cap. 102) (WWO) and Waterworks Regulations (Cap. 102A) (WWR) at target premises of higher risks based on previous records such as car parks, wet markets, etc. WSD also identified suspected contravention cases through other means, such as complaints received from the public, referrals from other departments, discoveries by WSD staff during the course of carrying out their duties, etc.

The Prosecution Unit of WSD is responsible for the investigation on the suspected cases identified. If a case is confirmed contravening the WWO and/or the WWR, as appropriate, one or more of the following enforcement actions will be made-

- Issuance of repair notices;
- Disconnection of water supply;
- Prosecution; and/or

- Suspension or cancellation of licences of concerned licensed plumbers.

In 2018-19, the WSD will be adopting similar measures against contravention of the WWO and/or the WWR.

(b) The number of convicted cases of contravention of the WWO and the WWR in the past year is tabulated below-

Relevant Section of WWO or Regulation of WWR	Nature of Contravention	Number of convicted cases
Section 14	Construction, installation, alteration or removal of fire service or inside service without the permission of the Water Authority, or plumbing works not carried out as prescribed	42
Section 15	Construction, installation, alteration or removal of fire service or inside service not carried out by licensed plumbers	25
Section 29	Unlawful taking of water	101
Section 30	Pollution	3
Section 31	Damage to waterworks	17
Regulation 11	Hosepipe connected to inside services without passing through cistern or appliance or apparatus	8
Regulation 23	Installation or use of booster pump without the permission of the Water Authority	2
Regulation 44(b)	Contravention of condition of fishing licence	1
	Total	**199**

There were also five cases of suspension or cancellation of licences of licensed plumbers due to contravention of the WWO and the WWR in the past year.

(c) In 2018-19, the estimated number of staff involved in the enforcement of the WWO and the WWR is about 190 and the associated staff cost is about $66 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2691)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

(a) It is learned that the consultant's report on desalination plant at Tseung Kwan O is supposed to be completed in the end of 2017. What is the latest development? Apart from seawater desalination, are there any specific and feasible measures to reduce the reliance on Dongjiang water?

(b) Please compare the costs of water produced by desalination (per cubic metre) between Hong Kong and overseas countries (e.g. Singapore, the UK, the USA, Australia, Canada, etc.) in 2017 and explain the differences.

(c) Please provide the estimates of expenditures on Dongjiang water (including total supply quantities, total water costs and average water costs per cubic metre) in the past 5 years and in 2018-19.

(d) Please compare the prices of Dongjiang water (per cubic metre) paid by Hong Kong and other Mainland cities (e.g. Shenzhen, Dongguan) which also consume Dongjiang water in the past 5 years and explain the differences.

(e) Please provide the quantities of the discharge of fresh water to the sea resulting from overflow from reservoirs and the total expenditures involved in the past 3 years.

Asked by: Hon MO Claudia (Member Question No. (LegCo use): 17)

Reply:

(a) The consultants engaged for the first stage of the proposed desalination plant at Tseung Kwan O (TKO) have completed the reference design of the plant. We have prequalified tenderers for the "Design, Build and Operate" contract for the plant in March 2018 and will invite tenders for this contract in due course. We have scheduled to brief members of the Panel on Development of the Legislative Council in April 2018, and seek funding approval of the Finance Committee subsequently with a view to commencing construction of the plant in end 2018 for its commissioning in 2022.

Currently, Hong Kong has a three-pronged water supply system, comprising rainwater from local catchments, imported Dongjiang (DJ) water from Guangdong (GD) Province and seawater for toilet flushing. To cope with the anticipated increase in water demand due to population and economic growth, and to enhance the resilience of our water sources to abate the impact of climate change, we have been implementing a number of water management measures on the supply and demand sides. The measures on the supply side include supplying reclaimed water to the north-eastern part of the New Territories for non-potable uses, and promoting wider use of grey water recycling and/or rainwater harvesting systems under suitable new government projects, apart from seawater desalination. Hong Kong will thus transform from the current three-pronged system into a six-pronged system. On the demand side, we have been extending the salt water supply networks to areas which otherwise consume fresh water for flushing. In addition, we have been striving to promote water conservation including promoting the use of water saving devices through the Water Efficiency Labelling Scheme, education on water conservation in kindergartens and primary schools, and collaboration with various stakeholders in organising activities to raise public awareness on water conservation.

(b) The estimated unit water production cost of the proposed desalination plant at TKO is about $12-$13 per cubic metre (m^3) (at 2017 price level) including the distribution and customer services costs. If the distribution and customer services costs are excluded, the estimated unit water production cost will be about $10.2 per m^3 (at 2017 price level), which is comparable to those of other countries as set out below.

Country	**Unit Production Cost (HK$ per m^3)**
Spain (Carboneras)	7.4
Singapore (Singspring)	7.5
Middle East (Israel and Saudi Arabia)	3.9 to 26.3
United States of America	8.9 to 15.7
Australia	13.5 to 50.3

The above is based on information from the International Desalination Association, which excludes distribution and customer services costs. The variations in the unit production cost of the desalinated water in different countries are attributed to a number of factors including the construction cost, the energy cost, the seawater quality and temperature, and the environmental requirements.

(c) In the past five years, the annual supply ceiling in the DJ water supply agreements is 820 million m^3. The annual expenditures in the past five years on purchasing DJ water are as follows:

Year	**Expenditure ($ million)**	**Average Unit Cost ($ per m^3)**
2013	3,743.30	4.6
2014	3,959.34	4.8
2015	4,222.79	5.1
2016	4,491.52	5.5

2017	4,778.29	5.8

#The average unit cost is determined according to the annual supply ceiling of 820 million m^3.

(d) We noticed there are reports stating that the DJ water prices paid by other GD cities which consume DJ water are lower than that paid by Hong Kong. We also noted that these GD cities are making other contributions to the supply and protection of DJ water (such as provision of land for the water supply infrastructures, investments on environmental protection, restricting developments for protection of water resources, etc.). It is therefore not appropriate to directly compare the DJ water prices paid by these cities to the price paid by Hong Kong.

(e) The overflow quantities from impounding reservoirs for these three years were 3.3 million m^3 (2015), 28.5 million m^3 (2016) and 48.4 million m^3 (2017). All overflow water was locally collected rainwater naturally discharged by gravity from small and medium impounding reservoirs during or after heavy rainstorms. There was no overflow of water imported from DJ. The actual overflow quantities of each year depend on a number of factors, including rainfall intensity, rainfall distribution, frequency and duration of heavy rainstorms, etc. For example, the total rainfall in Hong Kong was 1 875 millimetres (mm) in 2015, but was more than 2 500 mm in 2016 and 2017. The collection and overflow of this locally collected rainwater did not result in any additional operation costs of the impounding reservoirs.

Every drop of water is precious. The Water Supplies Department has been exploring various means to reduce overflow from impounding reservoirs, including collaborating with the Drainage Services Department to take forward the Inter-Reservoirs Transfer Scheme. The Scheme involves building a tunnel to transfer the potential discharge from the Kowloon group of reservoirs to the Lower Shing Mun Reservoir. It achieves the dual objectives of reducing overflow into the drainage system for flood protection in the downstream urban areas and enhancing the collection of local yield.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0486)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies (C L Wong)

Director of Bureau: Secretary for Development

Question:

Regarding the number of customers of the Water Supplies Department (WSD) and the Meter Reader grade responsible for processing the meter reading work, please provide the following information for 2015-16, 2016-17, 2017-18 and 2018-19 (estimate):

(a). the number of water meters required reading by Meter Readers;

(b). the establishment and strength of Meter Readers in the WSD by rank, including Chief Meter Reader, Senior Meter Reader, Meter Reader I and Meter Reader II; and

(c). please list by rank the average number of customers handled and meters read monthly by a Meter Reader.

Asked by: Hon POON Siu-ping (Member Question No. (LegCo use): 26)

Reply:

(a) The numbers of water meters read by Meter Readers in 2015-16, 2016-17, 2017-18 and 2018-19 (estimate) are tabulated below–

Financial Year	Number of Water Meters
2015-16 (as at 31 March 2016)	2 907 100
2016-17 (as at 31 March 2017)	2 955 377
2017-18 (as at 28 February 2018)	2 985 377
2018-19 (estimate)	3 046 000

(b) The establishment (Est.) and strength (Str.) of Meter Readers, including Chief Meter Reader (CMR), Senior Meter Reader (SMR), Meter Reader I (MRI) and Meter Reader II (MRII), are tabulated below-

	2015-16 (as at 31 March 2016)		2016-17 (as at 31 March 2017)		2017-18 (as at 28 February 2018)		2018-19 (estimate)	
Rank	Est.	Str.	Est.	Str.	Est.	Str.	Est.	Str.
CMR	5	5	5	5	5	5	5	5
SMR	8	8	8	8	10	10	10	10
MRI	53	53	53	53	51	51	52	52
MRII	94	91	94	90	94	85	95	95
Total	**160**	**157**	**160**	**156**	**160**	**151**	**162**	**162**

(c) Routine water meter reading for billing is normally performed by MRII three times a year. MRI are responsible for performing special water meter reading for resolution of disputes and investigation purposes. Both CMR and SMR do not perform water meter reading.

The average number of water meters read monthly by each Meter Reader in 2015-16, 2016-17, 2017-18 and 2018-19 (estimate) are tabulated below. However, there is no monthly average of number of customers handled because the number of customers served by a water meter varies significantly.

	Average number of water meters read monthly by each staff	
Financial Year	MRI	MRII
2015-16	140	7 732
2016-17	152	7 860
2017-18	127	7 940
2018-19 (estimate)	N/A Note	8 016

Note: No estimate could be provided as it depends on the number of special water meter reading required for resolution of disputes and investigation purposes.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2038)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control and (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department stated that during 2018-19, the Department will continue to review and enhance the control of the construction of the inside service including the review of the Waterworks Ordinance and Waterworks Regulations. Would the Department inform us the staffing responsible for the relevant work and how the work is allocated?

Asked by: Hon SHIU Ka-fai (Member Question No. (LegCo use): 49)

Reply:

In 2018-19, the Water Supplies Department will deploy two teams with a total of 13 professionals to continue to review and enhance the control of the construction of the inside service. One team, namely the Legislative Review Unit, comprising nine posts of professional rank will conduct a holistic review for legislative amendment of the Waterworks Ordinance (Cap. 102) and Waterworks Regulations (Cap. 102A) to enhance the control of the construction of the inside service. Another team comprising four posts of professional rank under the Technical Support Division will review and devise administrative measures as interim arrangement prior to the completion of legislative amendments.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2440)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department (WSD) is responsible for water quality control by taking water samples from treatment works, service reservoirs, connection points and customers' taps to ensure that water safety conforms to the standards. Would the WSD provide the information of the past 5 years regarding the maintenance work for treatment works and reservoirs, including the form of maintenance, expenditure, staffing, and number of times?

Asked by: Hon WONG Kwok-kin (Member Question No. (LegCo use): 29)

Reply:

The maintenance works carried out by Water Supplies Department (WSD) for water treatment works and service reservoirs include civil works, such as cleansing of service reservoirs and water storage tanks, replacement of treatment works filter media, repair of joint sealants, etc., as well as maintenance, fault investigation and repair of mechanical and electrical plants, telemetry and Supervisory Control and Data Acquisition equipment and fire service equipment.

These maintenance works are conducted either by the term contractor staff under the supervision of in-house staff or carried out by WSD staff directly. The staffing and expenditure for the past five years are tabulated below:

Year	Number of Staff and Associated Expenditure	Expenditure under Maintenance Term Contracts
2013	158 $55.6 million	$242 million
2014	156 $57.6 million	$266 million
2015	158 $61.0 million	$267 million
2016	156 $63.0 million	$280 million

2017	157 $65.1 million	 $314 million

Over the past five years from 2013 to 2017, WSD on average issued about 1 430 works orders yearly to the term contractors for the maintenance works which were supervised by WSD in-house staff, and carried out about 6 400 planned maintenance works of minor nature yearly by in-house staff directly.

There are currently ten engineers, 18 waterworks inspectors, 28 assistant waterworks inspectors and 101 works supervisors in WSD involved in the supervision of and carrying out the maintenance works for the water treatment works and service reservoirs.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1410)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

1. The Department stated that it will be enforcing the Waterworks Ordinance and Waterworks Regulations including tightening plumbing material control and commissioning requirements of new plumbing installations. What are the details of the tightening of commission requirements?

Asked by: Hon WONG Pik-wan, Helena (Member Question No. (LegCo use): 26)

Reply:

The Water Supplies Department (WSD) has implemented the following measures for tightening commissioning of new plumbing installations:

(i) A more detailed checklist for inspection of new plumbing installations by the WSD has been devised. An enhanced point penalty system against licensed plumbers for plumbing works not carried out in accordance with requirements has also been implemented.

(ii) Material check will be carried out for soldered pipe joints during the inspection carried out by the WSD.

(iii) Systematic flushing will be carried out for new plumbing installations with a view to reducing metal leaching from new pipes and fittings. To ensure that the new plumbing installations have been adequately flushed, 6-hour stagnation water samples are required to be taken for testing of six metals, namely antimony, cadmium, chromium, copper, nickel and lead. This new requirement has become effective since January 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1411)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

1. The Department stated that there will be an increase of 33 civil service posts for enhancing drinking water safety. Please list their post titles and terms of reference.

Asked by: Hon WONG Pik-wan, Helena (Member Question No. (LegCo use): 27)

Reply:

The details of the 33 posts to be created in 2018-19 for enhancing drinking water safety are tabulated below: –

Rank	Number of Posts	Duties
Engineer/Assistant Engineer	1	To carry out the enhanced water quality monitoring programme
Waterworks Inspector	1	
Engineering Laboratory Technician II/Student Engineering Laboratory Technician	2	
Laboratory Attendant	1	
Water Sampler	3	
Engineer/Assistant Engineer	1	To promote Water Safety Plan for Buildings
Waterworks Inspector	1	(i) To conduct inspections of plumbing works during construction stage including
Assistant Waterworks Inspector	6	
Consumer Services Inspector	6	

Rank	Number of Posts	Duties
		checking whether the relevant provisions under the Waterworks (Amendment) Ordinance 2018 are complied with by the designated persons (such as licensed plumbers, skill workers, etc.); and (ii) to handle investigations and prosecutions of non-compliance cases, which are anticipated to increase following the extension of the time limit for prosecution under the Waterworks (Amendment) Ordinance 2018.
Mechanical Engineer/ Assistant Mechanical Engineer	1	To operate a new material testing laboratory to provide testing services to support the enhanced surveillance on plumbing products approved by the Water Supplies Department under the General Acceptance System.
Assistant Waterworks Inspector	1	
Works Supervisor II	1	
Artisan	3	
Workman II	2	
Clerical Assistant	1	
Engineering Laboratory Technician I	1	
Engineering Laboratory Technician II/Student Engineering Laboratory Technician	1	
Total:	**33**	

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2109)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

(i) Every year the Government purchases Dongjiang water from the Guangdong authorities. What is the production cost of each step starting from raw water cost, pumping process, treatment by water treatment works to the transmission to the customers' taps?

(ii) Regarding the fresh water from local reservoirs and reclaimed water, what is the production cost of each step in their pumping process, treatment by water treatment works, and transmission to the customers' taps?

Asked by: Hon WONG Pik-wan, Helena (Member Question No. (LegCo use): 69)

Reply:

The breakdown of the unit production cost for locally collected rain water (local water) and Dongjiang (DJ) water at 2016-17 prices are as follows:-

	Unit Cost ($ per cubic metre)	
	DJ water	Local water
Raw water cost	5.6	-
Collection and delivery to water treatment works	0.6[1]	
Treatment by water treatment works	1.0[1]	
Distribution and customer Services	2.9[1]	
Total Unit Production Cost	**10.1**	**4.5**

Note 1 : There is no separate breakdown on these items for DJ water and local water.

The production cost of reclaimed water varies with the quality of treated effluent (for production of the reclaimed water) which depends on the treatment level of the sewage treatment works producing the treated effluent, as well as the extent of supply and distribution network. The estimated unit production cost of reclaimed water to be supplied to Sheung Shui and Fanling using tertiary treated effluent from Shek Wu Hui Sewage

Treatment Works from 2022 onwards for non-potable use is around $6.4 per cubic metre at 2016-17 price level with a breakdown of $0.5 per cubic metre and $5.9 per cubic metre for the costs on production of reclaimed water and distribution and customer services respectively. As the supply of reclaimed water is not for human consumption purpose and the above unit cost on distribution and customer services for the reclaimed water supply for Sheung Shui and Fanling is project specific, a direct comparison with the unit cost on distribution and customer services of local water or DJ water, which is the average cost for the territory wide, is not appropriate.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 2110)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Would the Water Supplies Department provide the number of cases and the total amount of arrears of water charges in the past 5 years by District Council district?

Asked by: Hon WONG Pik-wan, Helena (Member Question No. (LegCo use): 70)

Reply:

The number of cases and the total amount of arrears of water charges in the past five years are tabulated below.

	2013-14	2014-15	2015-16	2016-17	2017-18 (up to 28 February 2018)
Number of Cases	12 257	10 692	11 608	11 611	11 635
Total Amount of Arrears ($ million)	5.7	5.2	6.0	6.0	5.6

We have no breakdown of such cases by district.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5592)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

1) How many cases of suspected unauthorised tree felling or damage of trees on government and private land were received by departments respectively in 2017?

2) Regarding the above, how many of them were confirmed illegal cases? For private land, what was the number of established cases in contravention of the tree preservation clause in the lease and what were the follow-up actions by departments?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 122)

Reply:

1) & 2) There were 57 cases of suspected unauthorised felling or damage of trees in 2017. Of these, 56 involved trees on government land and one happened on a private lot. For the cases on government land, the Agriculture, Fisheries and Conservation Department (AFCD) has completed investigating 50 of them under the Forests and Countryside Ordinance (Cap. 96), with successful prosecution in one case. AFCD is investigating the remaining six cases to determine whether sufficient evidence can be gathered for enforcement considerations. As for the case on the private lot, since the lot is subject to a tree preservation clause, the Lands Department has issued warning letters to the lot owner and is currently considering the justifications provided by the owner for the unauthorised felling.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5599)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

(1) What are the numbers of old and valuable trees (OVTs) under the purview of various tree management departments? Please provide the following information on the current numbers of trees by department:

Department	Number of trees when the Register of OVTs was set up	Current number of trees	Number of trees included in the Register of OVTs after it was set up	Number of trees removed from the Register

(2) Please provide information on the trees with their names removed from the Register of OVTs from 1 January 2016 up to now:

	Registration number and location	Responsible department	Date of removal	Reasons for removal
01				

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 129)

Reply:

(1) The numbers of old and valuable trees (OVTs) under the purview of various tree management departments are given below (up to 28 February 2018) —

Department	**Number of trees when the Register of OVTs was set up in 2004**	**Current number of trees** (Note 1)	**Number of trees included in the Register of OVTs after it was set up** (Note 1)	**Number of trees removed from the Register**
Agriculture, Fisheries and Conservation Department	10	6	1	0
Architectural Services Department (ArchSD)	0	85	16	7
Civil Engineering and Development Department	0	2	0	0
Commissioner for Heritage's Office, DEVB	0	2	0	0
Department of Health	0	2	0	0
Department of Justice	0	1	0	0
Drainage Services Department	0	0	0	1
Electrical and Mechanical Services Department	0	1	0	0
Food and Environmental Hygiene Department	0	5	0	0
Fire Services Department	0	1	0	0
Government Property Agency	0	3	0	0
Highways Department	0	10	5	3
Home Affairs Department	0	1	0	0
Hong Kong Police Force	0	2	0	0
Hong Kong Post	0	1	0	0
Housing Department	4	3	1	0

Department	**Number of trees when the Register of OVTs was set up in 2004**	**Current number of trees** (Note 1)	**Number of trees included in the Register of OVTs after it was set up** (Note 1)	**Number of trees removed from the Register**
Lands Department	0	11	4	0
Leisure and Cultural Services Department (LCSD)	513	338	13	82
Total	**527**	**474**	**40**	**93**

Note 1: The current number of trees in each department is updated upon transfer of maintenance responsibility between departments.

(2) Information on the trees removed from the Register of OVTs from 1 January 2016 to 28 February 2018 is listed as follows —

Registration number and location		**Responsible department**	**Date of removal**	**Reasons for removal**
1	LCSD E/13, Lei Yue Mun Park	LCSD	17 February 2017	Health and structural problems; brown root rot (BRR) disease
2	LCSD YTM/12, Nathan Road	LCSD	23 August 2017	Collapse during inclement weather; BRR disease
3	LCSD S/18, South Bay Beach	LCSD	23 August 2017	Collapse during inclement weather; BRR disease
4	LCSD S/22, Chung Hom Kok Beach	LCSD	23 August 2017	Collapse during inclement weather; BRR disease
5	ARCHSD CW/41, Hong Kong Park	ArchSD	24 August 2017	BRR disease
6	ARCHSD CW/43, Hong Kong Park	ArchSD	24 August 2017	BRR disease
7	LCSD YTM/104, Luen Wan Street	LCSD	29 August 2017	BRR disease

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5600)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

(1) Please list by year the names of all the Government's tree management departments, the numbers of tree management personnel (including the numbers of general management personnel and tree management personnel with professional qualifications) and the numbers of trees under the care of each department in the past 3 years.

(2) Please provide details of the staff establishment of the centralised tree support team and the tree management qualifications required for each post.

(3) Please provide the names and numbers of equipment for tree inspection or maintenance (for example, sonic tomographs, resistographs, stump grinders, etc.) currently kept by each tree management department. If there are plans to purchase more equipment for the departments in the coming year, please provide the relevant details and the estimated expenditure.

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 130)

Reply:

(1) Trees on government land and at government facilities are managed by various tree management departments through dedicated in-house teams or outsourced contracts or both. The number of trees under the care of the nine core tree management departments and the number of their tree management personnel with professional qualifications are set out below –

Core tree management department	**Number of trees** (Note 1)			**Number of tree Management staff** (Note 2)		
	2015-16	**2016-17**	**2017-18 (As at 31 Dec 2017)**	**2015-16**	**2016-17**	**2017-18 (As at 31 Dec 2017)**
Agriculture, Fisheries and Conservation Department (AFCD)	39 000 (Note 3)	38 000 (Note 3)	38 000 (Note 3)	87(87)	87(87)	87(87)
Architectural Services Department (ArchSD)	200 000 (Note 4)			5(5)	5(5)	6(6)
Civil Engineering and Development Department	300	300	9 400	5(5)	5(5)	8(5)
Drainage Services Department	24 500	24 700	20 200	17(17)	17(17)	17(17)
Highways Department (HyD)	635 000	633 000	592 000	62(47)	58(49)	30(26)
Housing Department (HD)	102 000	100 800	101 700	46(42)	41(35)	41(35)
Lands Department (LandsD)	N/A (Note 5)			15(10)	15(15)	9(9)
Leisure and Cultural Services Department (LCSD)	514 000	635 000	628 000	221(168)	217(217)	282(282)
Water Supplies Department (WSD)	157 100	155 000	155 000	22(21)	21(21)	21(17)

Note 1:
Rounded to the nearest 100.

Note 2:
The figures within brackets indicate the number of tree management staff with professional qualifications in arboriculture including the Certified Arborist qualification awarded by the International Society of Arboriculture of the USA.

Note 3:
AFCD manages all trees in country parks. The figure includes only trees in frequently used areas and facilities.

Note 4:
These are trees on slopes managed by ArchSD. The department replaces trees removed due to ageing and/or disease with new ones on a one-to-one basis. Therefore the number of trees that it manages varies only slightly, if at all, from one year to the next, and hovers around 200 000.

Note 5:
LandsD is responsible for non-routine maintenance of trees on unallocated and unleased government land that are not maintained by any designated government departments. Due to their large numbers, trees on such land cannot be counted. LandsD will follow up referrals and complaints when they arise.

(2) The centralised tree support team in the Tree Management Office under the Development Bureau's Greening, Landscape and Tree Management Section (GLTMS) has 13 posts. All staff in the team possess professional arboricultural qualifications, such as Certified Arborist qualifications, Municipal Specialists, and Tree Risk Assessment Qualification by the International Society of Arboriculture of the USA, the Certificate in Professional Tree Inspection by Lantra Awards of the UK.

(3) Broadly speaking, there are two categories of tools and equipment used in tree inspections, namely advanced equipment (i.e. resistographs and sonic tomographs) and simple hand-held tools and equipment such as measuring tapes, mallets, long thin metal probes, electric torches, binoculars, cameras, laser pointers etc. These simple hand-held tools and equipment are kept by departments, with new ones purchased as and when necessary and broken ones replaced. For outsourced tree management contracts, the contractors are required to bring along all necessary equipment to carry out inspections and tree work. The major tree inspection and maintenance tools and equipment kept by GLTMS and the core tree management departments are set out below –

Department	Number of tomographs	Number of resistographs	Number of stump grinders
GLTMS	2	2	0
AFCD	4	8	0
LandsD	1	1	0
HyD	3	2	0
HD	1	2	0
LCSD	27	38	10
WSD	1	0	0
Total	**39**	**53**	**10**

LCSD plans to purchase two resistographs and one tomograph in 2018-19 at an estimated cost of $384, 000.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5601)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

1) What institution/organisation is currently undertaking the consultancy study on Street Ecology Strategy for Hong Kong?

2) What are the relevant expenditure and the scope of the study?

3) The study should have been completed in 2017. When will the Government expect to make available the study report for public inspection and promulgate the tree selection guide?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 131)

Reply:

1) The study is being undertaken by a landscape architecture practice that comprises a multi-disciplinary team with expertise in ecology, horticulture and arboriculture.

2) The study, costing $734,000, aims at formulating a practical guide for selecting tree species and complementary plant mixes suitable for typical Hong Kong street types (excluding expressways). It will cover approximately 80 species, including 42 native ones, which currently are not commonly used for street planting so as to enrich the vegetation diversity of our urban environment. It will provide detailed photographic, seasonal, growth and functional information on each tree species to facilitate tree selection.

3) The study will be available on the website of the Greening, Landscape and Tree Management Section (https://www.greening.gov.hk/en/home/index.html) upon its completion in the second quarter of 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5602)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

How many applications did the Government receive from private owners for the redevelopment/conversion/extension of graded historic buildings respectively in the past three financial years? How many of these private owners were offered economic incentives and assistance to conserve their buildings? Please set out the locations, economic incentives offered and details of the conservation work in connection with these cases. Also, what is the number of cases in which the entire graded historic buildings were demolished due to failed negotiations?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 132)

Reply:

We recognise that on the premise of respecting private property rights, we need to offer appropriate economic incentives to encourage private owners to conserve their historic buildings. Such incentives may be offered in the form of financial assistance under the Financial Assistance for Maintenance Scheme (FAS) or compensation to private owners for their loss due to the conservation of the buildings in question. For example, private owners could be given policy support for their applications to relax restrictions on plot ratio and/or site coverage in order to encourage them to adopt a "preservation-cum-development" approach in preserving and revitalising their historic buildings.

In the past three financial years (i.e. from 2015-16 to 2017-18), we have approved 30 applications under the FAS, details of which are set out below -

Name of Historic Building	**Brief Scope of Maintenance Works**	**Approved Amount ($)**
Approved Applications in 2015-16		
1) Ling Wan Monastery, Pat Heung, Yuen Long	Repair of water leakage at skylights and roof; repair of wooden doors and other maintenance works	1,000,000

2)	Tin Hau Temple, Sha Kong Tsuen, Yuen Long	Facade preservation and repair for the Entrance Hall, Main Hall and Side Halls; repair of roof and main ridge of Entrance Hall and other maintenance works	905,000

Approved Applications in 2016-17

3)	St. Stephen's Chapel, St. Stephen's College, Stanley	Repair of roof water leakage and repaint affected area and concrete repair	1,000,000
4)	Tin Hau Temple, Lam Tsuen, Tai Po, Phase II	Repair the roof and ridges at Side Halls; walls restoration at Side Halls and other maintenance works	1,000,000

Approved Applications in 2017-18

5)	Law Ancestral Hall	Repair of roof at entrance hall, timber cockloft, brick walls, altar and other maintenance works	2,000,000
6)	Kwan Tai Temple, Tai O	Repair of roof and timber members and other maintenance works	1,995,450
7)	Tin Hau Temple, Tai O	Repair of roof water leakage and repaint affected area and concrete repair	1,051,835
8)	St. Andrew's Church Compound, Tsim Sha Tsui	Repair of cracks and wall plaster, repainting of internal and external walls and other maintenance works	1,761,740

The following 22 applications are pending full approval of their conservation proposals.

9)	Hau Mei Fung Ancestral Hall, Sheung Shui	Repair and redecorate the roof at Entrance Hall and Main Hall; repair of timber doors and other maintenance works
10)	No. 139 Ping Yeung, Ta Kwun Ling	Repair of pitch roof and timber structure; repair timber cockloft and stair; repair external wall
11)	Lim House, Shap Pat Heung, Yuen Long, Phase II	Rectify water leakage at 1/F flat roof and replace damaged timber structure and flooring; repair timber doors and windows and other maintenance works
12)	Tsang Tai Uk (Northwest Watch Tower), Shatin	Repair of pitch roof; repair of timber floors and stairs and other maintenance works
13)	Tin Hau Temple, Fung Chi Tsuen, Yuen Long, Phase II	Repair of internal walls plaster, timber doors, plaque and couplets; repair external brick walls and other maintenance works
14)	No. 7 Tai O Market Street, Tai O, Lantau	Repair of roof, internal and external walls, windows, doors and other maintenance works
15)	Tao Fong Shan Christian Centre (Thelle House), Shatin	Repair of roof and other maintenance works
16)	First Church of Christ Scientist, Central, Phase II	Repair of cracks, wall plaster; repainting of external walls, timber doors and windows and other maintenance works
17)	Hip Tin Temple, Sha Tau Kok	Repair of roof, statue and altar; repair and repaint all internal and external walls and other maintenance works

18)	No. 8 San Lau Street, Sha Tau Kok, Phase II	Repair of concrete, windows, doors, timber stairs and other maintenance works
19)	Tung Lin Kok Yuen, Happy Valley	Repair of roof, timber windows, wall plaster, concrete repair and other maintenance works
20)	Ng Ancestral Hall, Fung Wong Wu, Ta Kwu Ling	Repair of roof, wall plaster and decoration and other maintenance works
21)	Hong Kong Sheng Kung Hui Holy Trinity Cathedral, Kowloon City, Phase II	Repair of roof and other maintenance works
22)	No. 1 & 3 Playing Field Road, Prince Edward	Repair of spalled concrete, cracks, roof leakage and other maintenance works
23)	Tao Fong Shan Christian Centre (Thelle House), Shatin, Phase II	Repair and repaint of internal and external walls and other maintenance works
24)	No. 1 & 3 Playing Field Road, Prince Edward, Phase II	Repair of windows, repaint external walls and other maintenance works
25)	Tung Lin Kok Yuen, Happy Valley, Phase II	Repair of timber windows and water leakage
26)	Tung Lin Kok Yuen, Happy Valley, Phase III	Repair of external wall plaster and brickworks
27)	Kowloon Cricket Club, Tsim Sha Tsui	Repair of cracks and rectify the water leakage at LG/F
28)	Old Village School, No. 1 Tung Tau Tsuen, Ha Tsuen, Yuen Long	Repair of roof, timber floors, spalled concrete, windows and doors and other maintenance works
29)	St. Joseph's Chapel, Yim Tin Tsai, Sai Kung	Repair of cracks and spalled concrete, repaint internal and external walls and other maintenance works
30)	Yuen Kwan Tai Temple, Mong Tseng Wai, Yuen Long, Phase II	Repair roof of Entrance Hall and Left Side Annex and other maintenance works

In addition, the Executive Council approved in March 2018 that a non-in-situ land exchange be carried out to facilitate the preservation of the Grade 1 historic building at 23 Coombe Road.

During the same period, despite indefatigable liaison with the owners, nine graded historic buildings have been demolished.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5603)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding heritage conservation:

1) There is a difference of 18% between the estimated provision and the actual provision for 2017-18. What are the main reasons for the difference?

2) The difference between the estimated provision for 2018-19 and the original estimate for 2017-18 is as much as 58%. What are the main reasons for the increase?

3) What projects the Bureau expects to add in the coming year?

4) Regarding the work to follow up the recommendations by the Antiquities Advisory Board pursuant to the policy on the conservation of built heritage in the coming year, what are the details of the work plans and the estimated expenditure?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 133)

Reply:

The 18% difference between the original provision ($75.5 million) and revised provision ($61.9 million) for 2017-18 is mainly due to a decrease in cash flow requirements for the general non-recurrent item "Conservation and Revitalisation of Historic Buildings". Revitalisation works concerning three projects under Batch III of the Revitalising Historic Buildings Through Partnership Scheme (Revitalisation Scheme) are expected to be completed in the second quarter of 2018, followed by commencement of operations in the second half of the year. The original provision included funding reserved for start-up subsidies for those three projects, but the sum was not used in 2017-18. The original provision also included funding earmarked for two new funding schemes for public engagement projects and thematic research; the funding schemes were launched in 2017 under the Built Heritage Conservation Fund (BHCF) as part of follow-up actions on the recommendations put forth by the Antiquities Advisory Board upon its policy review on conservation of built heritage. The reserved sum was not used in 2017-18 as applications for funding is still being assessed.

The 58% increase in financial provision (i.e. from the revised estimate of $61.9 million for 2017-18 to $98 million for 2018-19) is mainly due to an increased cash flow for the general non-recurrent item "Conservation and Revitalisation of Historic Buildings". As more projects under the Revitalisation Scheme have commenced operations or will do so in 2018-19, it is necessary to reserve more funding for subsidising the start-up costs and any operating deficits incurred by the projects in their first two years of operation. We have also set aside funding under the BHCF for the two above-mentioned funding schemes. Results of the applications for funding received under those two schemes will be announced in mid-2018. In addition, there is an increase in provision for additional manpower and for promotional activities to foster interest in and knowledge of heritage conservation.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5604)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the collapse incident at the Central Police Station Compound revitalisation project,

(1) What is the expenditure required to carry out repair work? Is it an additional expenditure?

(2) What is the progress of restoration of the collapsed building?

(3) When does the Bureau expect the building to be restored?

(4) When will it be officially open?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 134)

Reply:

Under the partnership arrangement between the Government and the Hong Kong Jockey Club (HKJC), the HKJC will fund all the revitalisation works and absorb all operational deficits until the operation of the Central Police Station Compound is financially self-sustainable. Therefore, no government expenditure will be incurred for this revitalisation project, including the restoration of Block 4.

Apart from the partially collapsed Block 4, works on the other 15 historic buildings, the new gallery and auditorium buildings, the Parade Ground, the Prison Yard, and the footbridge are near completion. As advised by the HKJC, following the completion of the works and with all the necessary government approvals, parts of the Compound are targeted to be opened by mid-2018 for public enjoyment.

The HKJC set up an independent review panel comprising professional structural engineers to inquire into the partial collapse of Block 4 and report on the likely causes of the incident and whether any additional measures should reasonably or practically have been taken to prevent it. The panel's findings were made public in November 2016. Separately, the Buildings Department (BD) carried out its own independent investigation and released its findings in May 2017. The findings revealed that the collapse could most likely be attributable to the hollowing out of multiple pockets in brick piers and brick walls for installing steel members for the timber floor strengthening works on the first floor of the verandah. BD believed that the failure of one of the internal brick piers due to a significant loss of sectional bearing area might have triggered the incident. The report pointed out that there was no evidence to suggest that the stability of the building had been impaired by other building works; these works were not considered to have directly led to the incident.

The revitalisation project's Authorised Person and Registered Structural Engineer (RSE) have carried out extra tests on the building materials of Block 4 to ascertain their structural soundness. As safety is one of paramount importance, the RSE has also looked into opportunities for implementing structural enhancement works, which are near completion. In addition, the HKJC's project team, consultants and contractors, taking into consideration the findings of the two aforementioned investigations, the condition of the building and international heritage practices, developed a broad range of recovery options for Block 4. The HKJC consulted the Antiquities Advisory Board on the options in September 2016 and September 2017. Taking heed of the feedback, the HKJC is now further developing the recovery options into a detailed recovery design. It will seek the approval of the Antiquities Authority (i.e. the Secretary for Development) before implementing the plan.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5605)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding Batches I to V of the Revitalising Historic Buildings Through Partnership Scheme (Revitalisation Scheme), please provide the following information:

(1) What are the details and breakdown of expenditures?
(2) What is the effectiveness? Do the projects break even? Can they attract visitors? Have they achieved the objectives of the Revitalisation Scheme?
(3) Has the Bureau conducted reviews regarding these issues? If yes, what are the details and content of the review? Will the subsequent batches of the Revitalisation Scheme be revised? If no, what are the reasons?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 135)

Reply:

(1) Under the Revitalisation Scheme, selected non-profit-making organisations (NPOs) are required to operate a business or provide services in the revitalised historic buildings in the form of social enterprises on a self-financing and self-sustainable basis. Where justified, the Government will provide a one-off grant, capped at $5 million, to the NPOs to meet the starting costs and operating deficits (if any) of the social enterprises for the first two years of operation. As shown in the table below, among the 19 projects under Batches I to V of the Revitalisation Scheme, seven have been granted government subsidies to meet their starting costs and/or operating deficits:

Projects	Government subsidies granted (as at 28 February 2018)		
	Starting costs ($ million)	Operating deficits ($ million)	Total ($ million)
Batch I of the Revitalisation Scheme			
Savannah College of Art and Design (Hong Kong) (revitalised from the Former North Kowloon	Subsidies not required		

Magistracy)			
Tai O Heritage Hotel (revitalised from the Old Tai O Police Station)	Subsidies not required		
Hong Kong Baptist University School of Chinese Medicine – Lui Seng Chun (revitalised from Lui Seng Chun)	0.84	1.03	1.87
Jao Tsung-I Academy (revitalised from the Former Lai Chi Kok Hospital)	4.48	-	4.48
The Yuen Yuen Institute "Fong Yuen Study Hall" Tourism and Chinese Cultural Centre cum Ma Wan Residents Museum* (revitalised from Fong Yuen Study Hall)	1.07	1.52	2.59
YHA Mei Ho House Youth Hostel (revitalised from Mei Ho House)	4.80	-	4.80
Batch II of the Revitalisation Scheme			
Green Hub (revitalised from the Old Tai Po Police Station)	0.43	0.75	1.18
Stone Houses Family Garden (revitalised from Stone Houses)	0.05	-	0.05
Viva Blue House (revitalised from Blue House Cluster)	0.42	-	0.42
Batch III of the Revitalisation Scheme			
Haw Par Music Farm (to be revitalised from Haw Par Mansion)	Not yet opened		
Hong Kong News-Expo (to be revitalised from Bridges Street Market)	Not yet opened		
The Hong Kong Federation of Youth Groups Institute for Leadership Development (to be revitalised from the Former Fanling Magistracy)	Not yet opened		
Batch IV of the Revitalisation Scheme			
Tai Hang Fire Dragon Heritage Centre (to be revitalised from No. 12 School Street)	Not yet opened		
The Pokfulam Farm (to be revitalised from Old Dairy Farm Senior Staff Quarters)	Not yet opened		
Lady Ho Tung Welfare Centre Eco-Learn Institute (to be revitalised from Lady Ho Tung Welfare Centre)	Not yet opened		
Batch V of the Revitalisation Scheme			
Roberts Block, Old Victoria Barracks	Assessment of applications in progress		
Luen Wo Market	Assessment of applications in progress		
Former Lau Fau Shan Police Station	Assessment of applications in progress		

Watervale House, Former Gordon Hard Camp	Assessment of applications in progress
*Fong Yuen Study Hall	Assessment of applications in progress

*The Yuen Yuen Institute's "Fong Yuen Study Hall" Tourism and Chinese Cultural Centre cum Ma Wan Residents Museum ceased operation with effect from 1 January 2017 and the site has since been included in Batch V of the Revitalisation Scheme. The site is currently being managed by the Leisure and Cultural Services Department and is open to the public.

(2) The adaptive re-uses under the Revitalisation Scheme are all very creative, with the historic buildings housing the following types of facilities: hostel, café, higher education institute, hotel, training camp, cultural centre, Chinese medical clinic, etc. Of the nine projects which have commenced operations, five have won UNESCO Asia-Pacific Awards for Cultural Heritage Conservation, including the prestigious Award of Excellence conferred on the Viva Blue House project in 2017, the first built heritage conservation project in Hong Kong to receive the award. These awards have proven that our revitalisation projects have received international acclaim and recognition. By 28 February 2018, about 4.3 million visitors had visited the revitalised historic buildings. Through these projects, Hong Kong people have the chance to visit and appreciate government-owned historic buildings which were previously in a state of dilapidation. Further, through the projects, old communities have been revived, local economy has been stimulated and local employment opportunities have been created. In short, these projects have brought not only a new lease of life to the historic buildings, but also various social benefits. With more projects coming into operation, more historic buildings will be open to the public for appreciation and use. They will continue to bring various social benefits to our community and help promote the development of our society in various aspects, like culture, education, art, tourism, medical sector, etc.

(3) We review various aspects of the Revitalisation Scheme from time to time. Issues which have been reviewed include the following: enhancing public access and extending opening hours; arranging more free guided tours for the public, especially on Saturdays, Sundays and public holidays; setting up bilingual websites for the projects; simplifying the application procedure to make it more user-friendly; and revising submission requirements so that applicants do not have to expend a lot of resources at the initial stage of application. The enhanced requirements and procedures will be adopted in subsequent batches of the Revitalisation Scheme.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5608)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the status of historic buildings in the past 5 years, please provide the following information:

(1) The number of graded buildings (Grades 1, 2 and 3) demolished.

(2) The number of demolished buildings which are pending grading assessment on the list of 1 444 historic buildings.

(3) With regard to the demolished buildings mentioned above, did the Antiquities Advisory Board proactively liaise with the owners for their preservation before demolition? If yes, what are the details? If no, what are the reasons?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 139)

Reply:

On the list of 1 444 historic buildings and that of new items for grading assessment, a total of 32 buildings have been demolished, comprising 18 graded buildings and 14 buildings pending confirmation of grading status.

The current grading system for historic buildings is administrative in nature to provide an objective basis for determining the heritage value and, hence, the preservation need of historic buildings in Hong Kong. The Government has established an internal mechanism to monitor the demolition of or any alterations to declared monuments, proposed monuments, graded buildings and buildings proposed to be graded. Under this mechanism, the Buildings Department, Lands Department and Planning Department will alert the Commissioner for Heritage's Office (CHO) of the Development Bureau and the Antiquities and Monuments Office (AMO) of the Leisure and Cultural Services Department to any possible threats which may affect privately owned sites of archaeological interest, monuments and historic buildings that have been brought to the departments' attention through applications and enquiries received or in the normal course of duty such as regular

inspections. The mechanism enables CHO and AMO to explore conservation options in a proactive and timely manner.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5658)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

1. In the past 5 years, the Development Bureau (DEVB) has offered assistance and explored economic incentives as appropriate to facilitate the conservation of privately owned historic buildings. Please set out in detail the historic buildings involved, the assistance offered, as well as the expenditure and manpower involved. What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

2. In the past 5 years, the DEVB has implemented the Financial Assistance for Maintenance Scheme to provide financial assistance for the maintenance of privately owned graded historic buildings for conservation. Please set out in detail the historic buildings involved, the assistance offered, as well as the expenditure and manpower involved. What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

3. In the past 5 years, the DEVB has taken forward the Central Police Station Compound revitalisation project in partnership with the Hong Kong Jockey Club. What were the expenditure and manpower involved? What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

4. The DEVB has taken forward the transformation of the former Police Married Quarters on Hollywood Road into a creative industries landmark in partnership with the selected non-profit-making organisation. What were the expenditure and manpower involved? What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be

held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

5. The DEVB has carried out grading exercise for the historic buildings and other buildings in Hong Kong suggested for grading by the public and sought the Antiquities Advisory Board's confirmation of the proposed grading. What are the progress and manpower involved? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

6. In the past 5 years, the DEVB has conducted consultancy studies on the feasibility of setting up a heritage trust in Hong Kong. What were the details of the studies as well as the expenditure and manpower involved? What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

7. In the past 5 years, has the DEVB carried out detailed inspections at the affected areas in Hong Kong where major infrastructure works were underway or under planning so as to ascertain whether there were any heritage sites? If yes, what were the details and the expenditure involved? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2018-19?

8. Please inform this Committee of the details of conservation work of the DEVB regarding the heritage sites dated to the Sung Dynasty discovered along the Shatin to Central Link (SCL) of the MTR Corporation Limited (MTRCL). What are the estimated number of public consultations, as well as the estimated expenditure and manpower involved? Will the MTRCL change the design of the SCL works because of the heritage sites above? If yes, what is the increased expenditure?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 189)

Reply

(1) In the past five years, we have successfully secured owner's agreement to conserve the following three historic buildings through the provision of economic incentives:

(i) part of the façade of 8 Pollock's Path (a Grade 2 historic building), preserved through a minor relaxation of plot ratio from 0.5 to 0.548 approved by the Metro Planning Committee of the Town Planning Board (TPB) in September 2013;

(ii) the Cheung Chau Theatre (a Grade 3 historic building), preserved through a minor relaxation of plot ratio from 0.4 to 0.472 and of the site's coverage restriction from 20% to 36.8% approved by the Rural and New Town Planning Committee of the TPB in December 2013; and

(iii) the "Carrick" at 23 Coombe Road (a Grade 1 historic building), to be preserved through a non-in-situ land exchange involving a comparable site to its south, subject to the owner's agreement to the terms and conditions of the lease for the new site.

Public consultations on the above preservation-cum-development proposals were conducted under the Town Planning Ordinance (Cap. 131). No public money was involved, and the manpower involved in discussing economic incentives with the owners came from existing resources.

(2) Applications under the Financial Assistance for Maintenance Scheme (FAS) are approved in two stages: first-stage approval for applicants to engage consultants to prepare conservation proposals for their historic buildings; and full approval for actual maintenance works to proceed. In the past five financial years, 58 applications have been approved, comprising 29 first-stage approvals and 29 full approvals. The total amount of grants for the 29 fully approved applications was $32.9 million. Details are set out below:

Name of Historic Building	**Brief Scope of Maintenance Works**	**Approved Amount ($)**
Approved Applications in 2013-14		
1) Yuen Kwan Tai Temple, Mong Tseng Wai, Yuen Long	Restoration of roof of Main Hall and Incense Pavilion	1,000,000
2) Tin Hau Temple, Fung Chi Tsuen, Yuen Long	Restoration of roof of Gate House, Main Hall and Incense Pavilion	1,000,000
3) First Church of Christ Scientist	Restoration of roof and drainage system of church building, cracks repair and repaint to the exterior and interior walls	1,000,000
4) Tao Fong Shan Christian Centre (Christ Temple), Shatin	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	931,420
5) Entrance gate of Mong Tseng Wai, Yuen Long	Restoration of roof, walls, floors and upgrading of electrical system	789,000
6) No. 71 San Wai Tsuen, San Tin, Yuen Long	Repair and waterproofing works on the roof and related drainage rectification works	869,020
7) Municipal Services Staff Recreation Club, King's Park, Kowloon	Restoration of roof and drainage system, repaint walls and ceiling, floor cracks repair	991,000
8) Ancestral Hall (Middle Hall) of Tsang Tai Uk, Shatin	Restoration of roof, repair ceremonial screens and upgrading of electrical system	1,000,000
9) No. 60 Kat Hing Street,	Repair of spalled concrete,	1,000,000

Tai O, Lantau	brickwork, rendering and roof waterproofing	
10)Man San Ye Ancestral Hall, San Tin, Yuen Long	Restoration of roof and upgrading of electrical system	1,000,000
11)Tat Yan Study Hall, Yuen Long, Phase II	Restoration of roof and shrine	810,000
Approved Applications in 2014-15		
12)Lo Pan Temple, Kennedy Town, Phase II	Clean and repair roof ridge, altar and murals; external wall water leakage repair and electrical installation rectification works	987,500
13)Kwong Yuet Tong Public Office, Kennedy Town	Clean and repair render of building façade; repair of defective rain water pipes; re-roofing to main roof, spalling concrete repair and upgrading of electrical system	895,000
14)Tin Hau Temple, Kat O	Repair of roof, spalled concrete, roof drainage and other maintenance works	1,000,000
15)No. 21 San Lung Tsuen, San Tin, Yuen Long	Repair of roof, main door, brick wall, floor finishes and other maintenance works	965,000
16)No. 22 San Lung Tsuen, San Tin, Yuen Long	Repair of roof, main door, brick wall, floor finishes and other maintenance works	1,000,000
17)Lai Mansion, Pat Heung, Yuen Long	Restoration of roof of Entrance Hall, repair roof ridges and other maintenance works	1,000,000
18)Shrine of Tin Sam Tsuen, Yuen Long	Repair of roof, main door, brick wall, altar and other maintenance works	936,000
19)Kowloon Bowling Green Club, Tsim Sha Tsui	Repair of roofs and other maintenance works	2,000,000
20)No. 14 Tai O Market Street, Tai O, Lantau	Repair of roof, doors and windows, concrete repair and other maintenance works	1,000,000
21)Sik Lo, Shap Pat Heung,	Repair of roof of Main Hall and Side	2,000,000

Yuen Long	Hall, restoration of murals at Main Hall and Entrance Hall	
Approved Applications in 2015-16		
22)Ling Wan Monastery, Pat Heung, Yuen Long	Repair of water leakage at skylights and roof; repair of wooden doors and other maintenance works	1,000,000
23)Tin Hau Temple, Sha Kong Tsuen, Yuen Long	Façade preservation and repair for the Entrance Hall, Main Hall and Side Halls; repair of roof and main ridge of Entrance Hall and other maintenance works	905,000
Approved Applications in 2016-17		
24)St. Stephen's Chapel, St. Stephen's College, Stanley	Repair of roof water leakage and repaint affected area and concrete repair	1,000,000
25)Tin Hau Temple, Lam Tsuen, Tai Po, Phase II	Repair the roof and ridges at Side Halls; walls restoration at Side Halls and other maintenance works	1,000,000
Approved Applications in 2017-18		
26)Law Ancestral Hall	Repair of roof at entrance hall, timber cockloft, brick walls, altar and other maintenance works	2,000,000
27)Kwan Tai Temple, Tai O	Repair of roof and timber members and other maintenance works	1,995,450
28)Tin Hau Temple, Tai O	Repair of roof water leakage and repaint affected area and concrete repair	1,051,835
29)St. Andrew's Church Compound, Tsim Sha Tsui	Repair of cracks and wall plaster, repainting of internal and external walls and other maintenance works	1,761,740
The following 29 applications are pending full approval of conservation proposal		
30)Hau Mei Fung Ancestral Hall, Sheung Shui	Repair and redecorate the roof at Entrance Hall and Main Hall; repair of timber doors and other maintenance works	Not applicable
31)No. 139 Ping Yeung, Ta	Repair of pitch roof and timber	

Kwun Ling	structure; repair timber cockloft and stair; repair external wall	
32)Lim House, Shap Pat Heung, Yuen Long, Phase II	Rectify water leakage at 1/F flat roof and replace damaged timber structure and flooring; repair timber doors and windows and other maintenance works	
33)Tsang Tai Uk (Northwest Watch Tower), Shatin	Repair of pitch roof; repair of timber floors and stairs and other maintenance works	
34)Tin Hau Temple, Fung Chi Tsuen, Yuen Long, Phase II	Repair of internal walls plaster, timber doors, plaque and couplets; repair external brick walls and other maintenance works	
35)No. 7 Tai O Market Street, Tai O, Lantau	Repair of roof, internal and external walls, windows, doors and other maintenance works	
36)Tao Fong Shan Christian Centre (Thelle House), Shatin	Repair of roof and other maintenance works	
37)First Church of Christ Scientist, Central, Phase II	Repair of cracks, wall plaster; repainting of external walls, timber doors and windows and other maintenance works	
38)Hip Tin Temple, Sha Tau Kok	Repair of roof, statue and altar; repair and repaint all internal and external walls and other maintenance works	
39)No. 8 San Lau Street, Sha Tau Kok, Phase II	Repair of concrete, windows, doors, timber stairs and other maintenance works	
40)Tung Lin Kok Yuen, Happy Valley	Repair of roof, timber windows, wall plaster, concrete repair and other maintenance works	
41)Ng Ancestral Hall, Fung	Repair of roof, wall plaster and	

Wong Wu, Ta Kwu Ling	decoration and other maintenance works	
42)Hong Kong Sheng Kung Hui Holy Trinity Cathedral, Kowloon City, Phase II	Repair of roof and other maintenance works	
43)No. 1 & 3 Playing Field Road, Prince Edward	Repair of spalled concrete, cracks, roof leakage and other maintenance works	
44)Tao Fong Shan Christian Centre (Thelle House), Shatin, Phase II	Repair and repaint of internal and external walls and other maintenance works	
45)No. 1 & 3 Playing Field Road, Prince Edward, Phase II	Repair of windows, repaint external walls and other maintenance works	
46)High Rock Christian Camp, Sha Tin	Repair of roof leakage, external walls, spalled concrete and other maintenance works	
47)Tung Lin Kok Yuen, Happy Valley, Phase II	Repair of timber windows and water leakage	
48)Tung Lin Kok Yuen, Happy Valley, Phase III	Repair of external wall plaster and brickworks	
49)Old Victoria Barracks, Montgomery Block, Kennedy Road, Central	Repair of cracks, water seepage, staircases and other maintenance works	
50)Kowloon Cricket Club, Tsim Sha Tsui	Repair of cracks and rectify the water leakage at LG/F	
51)Old Village School, No. 1 Tung Tau Tsuen, Ha Tsuen, Yuen Long	Repair of roof, timber floors, spalled concrete, windows and doors and other maintenance works	
52)St. Joseph's Chapel, Yim Tin Tsai, Sai Kung	Repair of cracks and spalled concrete, repaint internal and external walls and other maintenance works	
53)Lutheran Yan Kwong Church (Church Building), Sha Tin	Repair of roof, waterproofing works to walls and floor, repaint external walls and other maintenance works	
54)Lutheran Yan Kwong	Repair of roof, waterproofing works	

Church (Primary School), Sha Tin	to walls and floor, repaint external walls and other maintenance works	
55) Lutheran Yan Kwong Church (Kindergarten), Sha Tin	Repair of roof, windows and doors, waterproofing works to walls and floor and other maintenance works	
56) Old Pathological Institute (Hong Kong Museum of Medical Science), Main Building, Sheung Wan	Repair of damped and cracked wall plaster works, damaged floor tiles and other maintenance works	
57) Old Pathological Institute (Hong Kong Museum of Medical Science), Ancillary Block, Sheung Wan	Repair of damped and cracked wall plaster works, blocked pipes and other maintenance works	
58) Yuen Kwan Tai Temple, Mong Tseng Wai, Yuen Long, Phase II	Repair roof of Entrance Hall and Left Side Annex and other maintenance works	

In implementing the FAS, the Commissioner for Heritage's Office (CHO) under the Development Bureau (DEVB) is responsible for overall coordination, with the Technical and Advisory Unit (TAU) of the Antiquities and Monuments Office providing conservation and technical advice to successful applicants throughout the project delivery process. The required expenditure and manpower are covered by CHO's and TAU's existing resources. The estimated 2018-19 expenditure on providing financial assistance for maintaining historic buildings under the FAS is $7.4 million. The public can obtain information about the FAS on CHO's website. We do not consult the public on FAS projects.

(3) Under the partnership arrangement between the Government and the Hong Kong Jockey Club (HKJC), the HKJC will fund all the revitalisation works and absorb all operational deficits until the operation of the Central Police Station (CPS) Compound is financially self-sustainable. Therefore, there is no government expenditure under this revitalisation project.

The HKJC conducted a six-month exercise from October 2007 to April 2008 to engage stakeholders through various channels and activities. After an extensive consultation with the public, the Government and the HKJC jointly announced a revised revitalisation scheme in October 2010. DEVB and the HKJC consulted the Panel on Development of the Legislative Council (LegCo) and the Central and Western District Council (C&WDC) in November 2010 and January 2011 respectively, and obtained members' support. A public consultation was also conducted under the Environmental Impact Assessment Ordinance (Cap. 499) and the Town Planning Ordinance (Cap. 131). After considering the public views received, the relevant authorities granted an environmental permit and planning permission in April and May 2011 respectively.

Furthermore, DEVB regularly reports to LegCo's Panel on Development, the Antiquities Advisory Board (AAB), and C&WDC and its relevant working group on the progress of the project, and will continue to do so in 2018-19. The expenditure and manpower involved will be covered by CHO's existing resources.

(4) The approved project estimate of the "transformation of the former Police Married Quarters on Hollywood Road into a creative industries landmark" project is $560.1 million in money-of-the-day prices. The manpower involved in the project has been covered by existing resources.

In order to gauge the community's views on how best the site should be revitalised, DEVB conducted a three-month public consultation exercise between February and May 2008. During that period, DEVB held a number of meetings with relevant organisations and members of the public to collect their views. These included LegCo's Heritage Conservation Subcommittee, C&WDC, the Hong Kong Tourism Board, the Travel Industry Council, the Tourism Strategy Group, the AAB, the Hong Kong Institute of Architects, the Urban Renewal Authority, etc. DEVB also organised public seminars and open days.

After an extensive consultation with the public, the Government and the Musketeers Education and Culture Charitable Foundation Limited consulted C&WDC, the AAB and LegCo's Panel on Development in March 2011 and April 2011, and obtained members' support for the project. A public consultation was also conducted under the Town Planning Ordinance (Cap. 131) on the project proposal. After considering the public views received, the Metro Planning Committee of the TPB granted planning permission in April 2011.

DEVB regularly reported to LegCo's Panel on Development, the AAB, and C&WDC and its relevant working group on the latest development of this project. The project was commissioned in April 2014. The expenditure and manpower involved in the public consultation exercises were absorbed within existing resources.

(5) Since 2009, the AAB has been grading 1 444 historic buildings throughout the territory. Apart from these buildings, over 250 suggestions for grading other buildings have been received from the public. By 1 March 2018, AAB had confirmed the grading of 1 398 buildings. The work is carried out with existing resources.

After agreeing on a proposed grading for an individual item, the AAB will consult the public through its website before finalising the grading. The expenditure and manpower involved in 2018-19 will be covered by existing resources.

(6) DEVB commissioned a consultancy study in 2011-12 to investigate the feasibility, framework and implementation regarding the establishment of a statutory heritage trust in Hong Kong to take forward heritage conservation efforts. The cost of the consultancy study was around $1.3 million. The study was supervised by DEVB staff.

The AAB accepted DEVB's invitation and assisted in conducting a policy review on the conservation of built heritage (Policy Review) in February 2013. One of the key issues examined in the Policy Review concerned the setting up of a heritage fund for conserving built heritage. The AAB conducted a public consultation for the Policy Review between

June and August 2014. Public views were mainly gauged through (a) the publication of a consultation document; (b) engagement sessions for members of LegCo's Panel on Development, members of the Heung Yee Kuk, chairmen and vice-chairmen of the 18 District Councils, and members of some District Councils; (c) a public forum and three thematic discussion sessions to proactively engage the general public and stakeholders (including professional bodies, the owners of graded historic buildings, concern groups, etc.); and (d) four rounds of telephone surveys covering around 4 000 respondents.

The AAB completed the Policy Review in December 2014. The Government is following up the AAB's recommendations, which were drawn up with reference to the views received in the public consultation mentioned above. The action taken includes the establishment of the Built Heritage Conservation Fund (the Fund) in 2016. The Fund provides subsidies for public education, community involvement, publicity activities and academic research, and covers some existing government measures and initiatives, such as the Revitalising Historic Buildings Through Partnership Scheme and the FAS. Two new funding schemes for carrying out public engagement activities and thematic research on built heritage conservation were launched under the Fund in January 2017.

(7) In the past five years, a number of archaeological investigations (AIs)/heritage impact assessments (HIAs) have been carried out for major Public Works Programme infrastructure projects under DEVB's purview, as set out in the table below:

PWP Item No.	**Project Title**	**Brief Description of the AI/HIA**	**Status of AI/HIA**	**Estimated Cost of AI/HIA ($)**
9191WC	Replacement and rehabilitation of water mains stage 4 phase 1 – mains in the New Territories (Lung Kwu Tan, Tuen Mun North and Shau Tau Kok)	To conduct archaeological survey and field work for the proposed excavations	Completed	1,430,000
9189WC	Replacement and rehabilitation of water mains stage 4 phase 2 – mains in Tsuen Wan (Ma Wan)	To conduct archaeological survey and field work	Completed	100,000

PWP Item No.	Project Title	Brief Description of the AI/HIA	Status of AI/HIA	Estimated Cost of AI/HIA ($)
9189WC	Replacement and rehabilitation of water mains stage 4 phase 2 – mains on Outlying Islands (Lo So Shing, Peng Chau and Pui O)	To conduct archaeological survey and field work	Completed	100,000
9347WF	Reprovisioning of Harcourt Road fresh water pumping station	To (i) carry out baseline study and impact assessment; and (ii) develop methodology, mitigation measures and conservation proposal	Completed	280,000
5168CD	Liantang/Heung Yuen Wai Boundary Control Point and associated works – regulation of Shenzhen River stage IV	To obtain field data to fill in information gap regarding archaeological potential of the Cultural Heritage Impact Assessment Study Area	Completed	Information not available as the cost of the AI/HIA has been subsumed in that of the related environmental impact assessment study
5014GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – investigation and preliminary design	To carry out archaeological survey and field work	Completed	110,000
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	To carry out archaeological survey and field work in a section of Lin Ma Hang Road	Completed	10,000

PWP Item No.	Project Title	Brief Description of the AI/HIA	Status of AI/HIA	Estimated Cost of AI/HIA ($)
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	To carry out archaeological survey and field work for the connecting road near Sha Tau Kok Road, Lau Shui Heung and Fanling Highway	Completed	1,830,000
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	To carry out archaeological survey and field work for the connecting road near Ping Yeung	Completed	5,700,000
7469CL	Kai Tak Development – stage 5A infrastructure works in the former north apron area	To carry out archaeological survey and field work at works sites and related development sites	Completed	4,000,000
7469CL	Kai Tak Development – stage 5B infrastructure works in the former north apron area	To carry out archaeological survey and field work at works sites and related development sites	Completed	6,000,000
7789CL	Formation, roads and drains in Area 54, Tuen Mun – phase 2 stages 3 and 4A works	To conduct archaeological survey and field work within the Siu Hang Tsuen and Kei Lun Wai Archaeological Sites at Tuen Mun Area 54 and archaeological watching brief for a section of the proposed Road L54A for site formation and infrastructural works near Tong Hang Road & Tsz Tin Road in Area 54, Tuen Mun	Completed	630,000

PWP Item No.	Project Title	Brief Description of the AI/HIA	Status of AI/HIA	Estimated Cost of AI/HIA ($)
4387DS	Upgrading of Mui Wo sewage treatment works and sewerage at Mui Wo town centre and Wang Tong	To conduct archaeological survey and field work at Wang Tong (Mui Wo) within the Wang Tong Archaeological Site	Completed	100,000
4404DS	Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage	To conduct archaeological survey and field work at Kei Lun Wai and Fu Tei Ha Tsuen in Tuen Mun	In progress	40,000

The need for conducting a public consultation on an AI/HIA is subject to the findings of archaeological surveys and field work, such as whether items of significant archaeological value have been identified. At present, we have no plan to conduct any public consultation on the AIs/HIAs listed above, as no item of significant archaeological value has been identified so far.

(8) Many of the relics and remnants discovered at the works site of the future Sung Wong Toi station of the Shatin to Central Link (SCL) are of high historical and cultural value. Some of them date back to the Song and Yuan dynasties. Following consultation with the AAB, the Secretary for Development announced the conservation method of the unearthed remnants in December 2014. The Government will consider the proposal for interpreting the remnants in a holistic way when planning the future Sung Wong Toi Park. Consideration will be given to displaying part of the unearthed relics (including pottery pots, bowls, incense burners, coins and roof tiles) in the concourse of Sung Wong Toi station.

According to the Transport and Housing Bureau, discovery of relics and remnants has affected the construction progress of the SCL project and led to changes to the design of Sung Wong Toi station. The MTR Corporation Limited (MTRCL) estimated in December 2014 that there would be a minimum 11-month delay and an additional cost of at least $4.1 billion for the project because of the discovery. The eventual implications are subject to the MTRCL's final assessment and the Highways Department's scrutiny.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5727)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

How many buildings on the list of 1 444 historic buildings are pending grading assessment? What is the estimated time required for the Antiquities Advisory Board to complete the work?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 258)

Reply:

By 1 March 2018, the Antiquities Advisory Board (AAB) had confirmed the grading of 1 260 out of the 1 444 historic buildings, and that of 138 out of the 291 new items suggested by members of the public. Given that the grading exercise involves a series of steps, including detailed studies and research, site inspections, discussions with owners/stakeholders (regarding, for example, the status of the buildings in question, their objections, etc.) and so on, the AAB has adopted a step-by-step approach and has not set a specific deadline for completing the exercise.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4408)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Pursuant to the Framework Agreement on Hong Kong/Guangdong Co-operation, one of its aims is to "actively assist Hong Kong professional services enterprises in the construction and related engineering sectors to set up businesses in Guangdong, and assist Hong Kong professionals in the construction and related engineering sectors to register and practise in Guangdong." How many Hong Kong professional services enterprises in the construction and related engineering sectors have set up businesses in Guangdong currently? Will the Administration provide a detailed list of the enterprises? In addition, how many Hong Kong professionals in the construction and related engineering sectors have registered and practised in Guangdong currently?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 50)

Reply:

Two Hong Kong enterprises have set up architectural design offices (Grade A) in Guangdong, namely Dennis Lau & Ng Chun Man Architects & Engineers (HK) Ltd and Ho & Partners Architects Engineers & Development Consultants Ltd (hpa). In addition, a total of 149 Hong Kong professionals in the construction and related sectors have registered and practised in Guangdong.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4500)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Please provide in tabular form the work sites related to the Bureau, as well as the numbers of injuries and death at those work sites in the past 5 years.

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 630)

Reply:

Statistics on work site accidents concerning works contracts issued by the five works departments under the Development Bureau (namely the Architectural Services Department, Civil Engineering and Development Department, Drainage Services Department, Electrical and Mechanical Services Department and Water Supplies Department) in the past five years are summarised below:

	2013	2014	2015	2016	2017
No. of Accidents*	174	155	176	136	162
No. of Fatal Accidents	4	1	1	2	4

* The figures include fatal accidents

Please refer to the Appendix for further details.

Appendix

Statistics on Work Site Accidents Concerning Works Contracts Issued by Works Departments (from 2013-2017)

			No. of Accidents (Fatal Accidents)				
Department	Contract No.	Contract Title	2013	2014	2015	2016	2017
ArchSD	ALA814	Alteration and Addition Works Required for the Installation of New Weather Radar at Hong Kong Observatory Tate's Cairn Meteorological Station, Wong Tai Sin, Kowloon	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	MAA821	Repair Works to Tsim Sha Tsui Promenade, Tsim Sha Tsui, Kowloon	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	P1000456-SU	Slope Upgrading of Geotechnical Feature No. 10SW-D/F20 at Hei Ling Chau Addition Treatment Centre	0(0)	0(0)	2(0)	1(0)	0(0)
ArchSD	P1000588	Refurbishment of Tin Hau Temple Road Park	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	P1000615	Refurbishment of Lin Fa Kung Public Toilet (Phase I)	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	P1000648	Refurbishment of Public Toilets at Ning Foo Street	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	P1000681	Refurbishment of classrooms, teaching and staff facilities at Tang Shiu Kin Victoria Government Secondary School (Phase 2).	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	P1000682	Provision of New Niches at Cheung Chau Columbarium	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	P2000414	Refurbishment of Hoi Bun Road Sitting-out Area at Kowloon Bay	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	P2000497A	Refurbishment of Circulation Pipeworks and Pool Deck Tiles at North Kwai Chung Jockey Club Swimming Pool, Kwai Chung - Phase 2	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	P3000474A	Refurbishment of Park Areas surrounding Artificial Lake at Tin Shui Wai Park, Tin Shui Wai, New Territories	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	PID504	Construction of Piling and Preparatory Works for the East Kowloon Cultural Centre in Kowloon Bay, Kowloon	0(0)	0(0)	0(0)	1(0)	0(0)
ArchSD	PIT330	Construction of Piled Foundation and Caps for Public Library and Indoor Recreation Centre in Area 3, Yuen Long, New Territories	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	RFA509	Relocation of the Department of Justice to Central Government Offices (Main and East Wings)	0(0)	0(0)	1(0)	0(0)	0(0)
ArchSD	RFA815	Refurbishment to External Walls of Tin Shui Wai Swimming Pool, at 1 Tin Park Road, Tin Shui Wai, New Territories	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	RFB504	Relocation of the Court of Final Appeals and the Development Office of the Judiciary to No. 8 Jackson Road	0(0)	0(0)	1(0)	0(0)	0(0)
ArchSD	RFB505	Re-provisioning of Government Logistics Department's Printing Workshop to the Government Logistics Centre, Chai Wan	0(0)	2(0)	0(0)	0(0)	0(0)

ArchSD	RFB809	Replacement of Artificial Turf to Soccer Pitch/Hockey Ground at Lok Fu Recreation Ground, Lok Fu, Kowloon	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	RFB813	Refurbishment to Changing Rooms at G/F and 1/F of Shing Mun Valley Swimming Pool, Tsuen Wan, New Territories	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	RFC806	Refurbishment to Exhibition Galleries at Hong Kong Central Library, Causeway Bay, Hong Kong	0(0)	0(0)	1(0)	0(0)	0(0)
ArchSD	RFD514	Renovation Works for the West Wing of the former Central Government Offices for Office Use by the Department of Justice and Law-related Organisations	0(0)	0(0)	0(0)	1(0)	1(0)
ArchSD	RFD813	Refurbishment to Running Track at Tin Shui Wai Sports Ground at Tin Shui Road, Tin Shui Wai, New Territories	0(0)	0(0)	0(0)	1(0)	0(0)
ArchSD	RFE809	Refurbishment to Shelter and Public Toilet in Tsuen Wan Tin Hau Temple Garden, Tsuen Wan, New Territories	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	RFE824	Barrier Free Access Facilities (Including Lift Installation) and Fire Services Upgrading Works to Robert Black Health Centre, Wong Tai Sin, Kowloon	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	RFY309	Transformation of the Former Police Married Quarters on Hollywood Road into a Creative Industries Landmark at 35 Aberdeen Street, Central, Hong Kong	2(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSA501	Design and Construction of Centre of Excellence in Paediatrics	0(0)	6(0)	4(0)	18(0)	28(0)
ArchSD	SSA502	Design and Construction of Tin Shui Wai Hospital	0(0)	3(0)	11(0)	10(0)	0(0)
ArchSD	SSA503	Design and Construction of Fire Services Training School cum Driving Training School at Pak Shing Kok, Area 78, Tseung Kwan O	1(0)	10(0)	14(0)	0(0)	0(0)
ArchSD	SSA504	Construction of Runway Park at Kai Tak, Kowloon City District (Phase 1)	3(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	SSA506	Construction of Open Space in Area 117, Tin Shui Wai	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSA507	Construction of a New Ambulance Depot at Choi Shun Street, Sheung Shui	0(0)	2(0)	0(0)	0(0)	0(0)
ArchSD	SSA508	Construction of Kwun Tong Promenade (Stage 2)	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSA510	Construction of Sports Centre, Community Hall and District Library in Area 14B, Sha Tin	0(0)	1(0)	5(0)	2(0)	0(0)
ArchSD	SSA511	Redevelopment of Disciplined Services Quarter in Fu Tei, Tuen Mun	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	SSB502	Design and Construction of Yaumatei Specialist Clinic at Queen Elizabeth Hospital	0(0)	2(0)	4(0)	9(0)	0(0)
ArchSD	SSB503	Design and Construction of Yau Ma Tei Police Station	0(0)	3(0)	2(0)	1(0)	0(0)
ArchSD	SSB506	Construction of Sports Centre in Area 4, Tsing Yi	0(0)	0(0)	0(0)	1(0)	0(0)
ArchSD	SSB507	Construction of Two 30-Classroom Primary Schools at Site 1A-3 and Site 1A-4, Kai Tak Development, Kowloon	0(0)	0(0)	9(0)	0(0)	0(0)
ArchSD	SSC502	Design and Construction of West Kowloon Government Offices in Yau Ma Tei, Hong Kong	0(0)	0(0)	0(0)	0(0)	1(0)

ArchSD	SSC503	Design and Construction of Kowloon East Regional Headquarters and Operational Base cum Ngau Tau Kok Divisional Police Station at 105 Concorde Road, Kai Tak	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSC505	Construction of Liantang/Heung Yuen Wai Boundary Control Point - Boundary Control Point Buildings and Associated Facilities	0(0)	0(0)	1(0)	6(1)	28(0)
ArchSD	SSC506	Construction of a School for Social Development for Girls at Choi Hing Road, Kwun Tong, Kowloon	0(0)	0(0)	2(0)	1(0)	3(0)
ArchSD	SSC507	Construction of Government Complex in Area 14 (Siu Lun), Tuen Mun	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSC511	Construction of a 36-classroom Primary School in Area 36, Fanling	0(0)	0(0)	0(0)	2(0)	1(0)
ArchSD	SSC513	Construction of Two Special Schools at Sung On Street, To Kwa Wan	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSC515	Construction of Two Public Toilets at (1) Tuen Mun Road Bus-bus Interchange (Tuen Mun Bound) and (2) Lung Kwu Tan, Tuen Mun	0(0)	0(0)	0(0)	3(0)	0(0)
ArchSD	SSD501	Design and Construction of Redevelopment of Kwai Chung Hospital (Phase 1) at 3-15 Kwai Chung Hospital Road, New Territories	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSD502	Design and Construction of Kwun Tong Staff Quarters at 4 Tseung Kwan O Road, Kowloon	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSD512	Construction of Tsun Yip Street Playground as Kwun Tong Industrial Culture Park	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSD515	Construction of Two 24-classroom Primary Schools at ex-Tanner Road Police Married Quarters Site, Pak Fuk Road, North Point	0(0)	0(0)	0(0)	0(0)	2(0)
ArchSD	SSD516	Re-provisioning of a 12-classroom Special School for Children with Mild Intellectual Disability at a Site near Hoi Lai Estate, Sham Shui Po	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSE507	Construction of Columbarium at Wo Hop Shek Cemetery - Phase 1	0(0)	0(0)	0(0)	0(0)	1(1)
ArchSD	SSE510	Construction of the East Kowloon Cultural Centre in Kowloon Bay, Kowloon	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	SSE513	Construction of a School for Social Development for Boys in Area 2B, Tuen Mun	0(0)	0(0)	0(0)	0(0)	2(0)
ArchSD	SSE518	Construction of a 30-classroom Primary School at Site KT2b, Development at Anderson Road, Kwun Tong	0(0)	0(0)	0(0)	0(0)	2(0)
ArchSD	SST320	Construction of Local Open Space at Chung Yee Street, Kowloon City District	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SST322	Design and Construction of North Lantau Hospital, Phase 1	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SST329	Construction of District Open Space, Sports Centre and Library in Area 74, Tseung Kwan O	0(0)	0(0)	1(0)	0(0)	0(0)
ArchSD	SST333	Redevelopment of Victoria Park Swimming Pool Complex	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SST334	Construction of Town Park, Indoor Velodrome-cum-Sports Centre in Area 45, Tseung Kwan O	4(0)	0(0)	0(0)	0(0)	0(0)

ArchSD	SSW303	Design and Construction of Cruise Terminal Building and Ancillary Facilities for the Kai Tak Cruise Terminal Development	29(0)	2(0)	0(0)	0(0)	0(0)
ArchSD	SSW304	Design and Construction of Trade and Industry Tower in Kai Tak Development Area	0(0)	5(0)	5(0)	0(0)	0(0)
ArchSD	SSW313	Construction of Columbarium and Garden of Remembrance at Kiu Tau Road, Wo Hop Shek, Fanling, New Territories	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSW319	Design and Construction of West Kowloon Law Courts Building	0(0)	11(0)	18(0)	2(0)	0(0)
ArchSD	SSW325	Construction of a Joint-user Complex at Bailey Street, To Kwa Wan Reclamation	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSW326	Design and Construction of Redevelopment of Tai Lam Centre for Women	1(0)	2(0)	3(0)	1(0)	1(0)
ArchSD	SSW327	Reprovisioning of Cape Collinson Crematorium	0(0)	1(0)	1(0)	0(0)	0(0)
ArchSD	SSX301	Redevelopment of Kwun Tong Swimming Pool Complex & Kwun Tong Recreation Ground	0(0)	6(0)	0(0)	0(0)	0(0)
ArchSD	SSX302	Construction of an Annex Building at the Ko Shan Theatre	5(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSY301	Construction of a Sub-divisional Fire Station with Ambulance Facility cum Urban Search and Rescue Equipment Store at Cheung Yip Street, Kowloon, Bay, Kowloon	2(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	SSY302	Construction of Public Library and Indoor Recreation Centre in Area 3, Yuen Long	0(0)	0(0)	1(0)	1(0)	0(0)
ArchSD	SSY308	Construction of a Station for the New Terminal Doppler Weather Radar at Tai Lam Chung, New Territories	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	TCA719	Term Contract for the Design and Construction of Fitting-out Works to Buildings and Lands and Other Properties for which the Architectural Services Department is responsible (Designated Contract Area : Hong Kong Island and Outlying Islands)	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	TCA971	Term Contract for the Design and Construction of Minor Works to Government and Subvented Properties for which the ASD is Responsible (Designated Contract Area : Hong Kong Island, Lantau Island and Outlying Islands (South))	0(0)	0(0)	1(0)	2(0)	0(0)
ArchSD	TCB720	Term Contract for the Design and Construction of Fitting-out Works to Buildings and Lands and Other Properties for which the Architectural Services Department is Responsible (Designated Contract Area : Kowloon and New Territories)	0(0)	0(0)	1(0)	1(0)	1(0)
ArchSD	TCB725	Term Contract for the Design and Construction of Minor Works for Fire Services Upgrading to Buildings and Lands and Other Properties for which the Architectural Services Department is Responsible	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	TCB911	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special	0(0)	0(0)	1(0)	0(0)	0(0)

		Administrative Region					
ArchSD	TCB912	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	0(0)	0(0)	1(0)	0(0)	1(0)
ArchSD	TCB921	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	0(0)	0(0)	0(0)	2(1)	0(0)
ArchSD	TCB922	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	0(0)	1(0)	1(0)	2(0)	0(0)
ArchSD	TCB928	Term Contracts for the Maintenance of Slopes for which the Architectural Services Department (Property Services Branch) is Responsible for the Government of the Hong Kong Special Administrative Region	0(0)	1(0)	1(0)	1(0)	0(0)
ArchSD	TCB931	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	0(0)	0(0)	2(0)	1(0)	1(0)
ArchSD	TCB942	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	0(0)	1(0)	1(0)	0(0)	0(0)
ArchSD	TCB952	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	0(0)	1(0)	1(0)	0(0)	1(0)
ArchSD	TCC508	Minor Works Term Contract to Buildings and Lands and Other Properties for which the Architectural Services Department is Responsible in Hong Kong	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	TCC514	Term Contract for the Design and Construction of District Community Green Stations	0(0)	0(0)	0(0)	0(0)	1(0)
ArchSD	TCD938	Term Contract for the Maintenance of Slopes for which the ASD (Property Services Branch) is Responsible for the Government of the Hong Kong Special Administrative Region (Designated Contract Area : New Territories and Outlying Islands (North))	0(0)	0(0)	0(0)	0(0)	1(0)

ArchSD	TCT073	Term Contract for the Design, Construction of Minor Works to Government and Subvented Properties for which the Architectural Services Department is Responsible for the Government of the Hong Kong Special Administrative Region	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	TCW011	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of the Hong Kong Special Administrative Region	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	TCW012	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of the Hong Kong Special Administrative Region	0(0)	2(0)	0(0)	0(0)	0(0)
ArchSD	TCW021	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of the Hong Kong Special Administrative Region	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	TCW051	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of the Hong Kong Special Administrative Region	1(0)	2(1)	0(0)	0(0)	0(0)
ArchSD	TCX088	Term Contract for the Design and Construction of Minor Works for Provision of Barrier-Free Access and Facilities to Government Premises for which the Architectural Services Department is responsible for the Government of the HKSAR	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	TCX089	Term Contract for the Design and Construction of Minor Works for Provision of Barrier-Free Access and Facilities to Government Premises for which the Architectural Services Department is responsible for the Government of the HKSAR	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	TCX090	Term Contract for the Design and Construction of Minor Works for Provision of Barrier-Free Access and Facilities to Government Premises for which the Architectural Services Department is responsible for the Government of the HKSAR	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	TCY042	Term Contract for the Alterations, Additions, Maintenance and Repair of Buildings and Lands and Other Properties for which the ASD (Property Services Branch) is Responsible for the Government of Hong Kong Special Administrative Region	2(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	TCY072	Term Contract for the Design and Construction of Minor Works to Government and Subvented Properties for which the Architectural Services Department is Responsible Kowloon and Outlying Islands (Sai Kung)	0(0)	3(0)	0(0)	0(0)	0(0)

ArchSD	TCY073	Term Contract for the Design and Construction of Minor Works to Government and Subvented Properties for which the Architectural Services Department is Responsible New Territories and Outlying Islands (North)	0(0)	1(0)	1(0)	0(0)	0(0)
ArchSD	TCY305	Minor Works Term Contract to Buildings and Lands and Other Properties for which the Architectural Services Department is Responsible in Hong Kong	0(0)	0(0)	1(0)	0(0)	0(0)
ArchSD	W3911593	Planned maintenance 2013 for Sheung Yiu Village & Kilns, Sai Kung	1(0)	0(0)	0(0)	0(0)	0(0)
ArchSD	W4000808	Refurbishment works of Fire Services System at Tsing Yi Divisional Police Station	0(0)	1(0)	0(0)	0(0)	0(0)
ArchSD	W4104199	Refurbishment of Server Room & Associated Building Services Installation at New Territories North Regional Headquarters for the Hong Kong Police Force, Tai Po, N.T	0(0)	0(0)	0(0)	1(0)	0(0)
ArchSD	W4107888	Design, Supply and Installation of Two Nos. of Arbours with GMS rain Shelters at Wing Lee Street SOA	0(0)	0(0)	0(0)	1(0)	0(0)
CEDD	CV/2007/03	Development at Anderson Road - Site Formation and Associated Infrastructure Works	4(0)	5(0)	4(0)	0(0)	0(0)
CEDD	CV/2010/04	CEDD Maintenance Contract for Piers (2011-2014)	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	CV/2011/01	Site Formation and Infrastructural Works near Tsing Lun Road and Tsz Tin Road in Area 54, Tuen Mun	0(0)	1(0)	0(0)	0(0)	0(0)
CEDD	CV/2012/02	Construction of Sewage Pumping Station near Tsz Tin Road and Associated Sewerage Works in Area 54, Tuen Mun	0(0)	1(0)	1(0)	0(0)	0(0)
CEDD	CV/2012/08	Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 2	0(0)	2(0)	0(0)	1(0)	2(0)
CEDD	CV/2012/09	Liantang/Heung Yuen Wai Boundary Control Point - Site Formation and Infrastructure Works - Contract 3	0(0)	1(0)	2(0)	0(0)	0(0)
CEDD	CV/2013/03	Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 5	1(0)	0(0)	1(0)	0(0)	0(0)
CEDD	CV/2013/06	Handling of Surplus Public Fill (2014 - 2016)	0(0)	1(0)	1(0)	2(0)	0(0)
CEDD	CV/2013/07	CEDD Maintenance Contract for Piers (2014 - 2017)	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	CV/2013/08	Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 6	0(0)	0(0)	0(0)	1(0)	1(0)
CEDD	CV/2013/09	Temporary Construction Waste Sorting Facilities, 2014 - 2016	0(0)	1(0)	1(0)	0(0)	0(0)
CEDD	CV/2014/01	Operation and Maintenance of Chai Wan Public Fill Barging Point and Mui Wo Temporary Public Fill Reception Facility (2015-2018)	0(0)	0(0)	1(0)	1(0)	0(0)
CEDD	CV/2014/02	Provision of Universal Access Facilities for Highway Structures - Package 2 Contract 1	0(0)	0(0)	0(0)	1(0)	1(0)
CEDD	CV/2015/03	Site Formation and Infrastructural Works near Tong Hang Road and Tsz Tin Road in Area 54, Tuen Mun	0(0)	0(0)	0(0)	1(0)	2(0)

CEDD	CV/2016/09	CEDD Maintenance Contract for Piers (2017 - 2022)	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	GE/2006/03	The Rehabilitation of Lam Tei Quarry	0(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2010/21	Landslip Prevention and Mitigation Programme, 2008, Packages I and M Landslip Prevention and Mitigation Works in Wanchai	0(0)	2(0)	0(0)	0(0)	0(0)
CEDD	GE/2010/22	Landslip Prevention and Mitigation Programme, 2010, Package E Landslip Prevention and Mitigation Works in Hong Kong Island and New Territories East	0(0)	1(0)	0(0)	0(0)	0(0)
CEDD	GE/2010/23	Landslip Prevention and Mitigation Programme, 2008, Package B Landslip Prevention and Mitigation Works in New Territories East and West	2(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2010/25	Landslip Prevention of Mitigation Programme, 2008, Package A Landslip Prevention and Mitigation Works in Hong Kong Island West and South	0(0)	1(0)	0(0)	0(0)	0(0)
CEDD	GE/2011/04	Landslip Prevention & Mitigation Programme, 2009, Package B - Landslip Prevention & Mitigation Works in Hong Kong Island	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	GE/2011/12	Landslip Prevention and Mitigation Programme, 2008, Package M Landslip Prevention and Mitigation Works in Wong Tai Sin	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	GE/2011/24	Landslip Prevention and Mitigation Programme, 2008, Package I Landslip Prevention and Mitigation Works in Central and Western District	1(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2012/01	Landslip Prevention and Mitigation Programme, 2010, Package C Landslip Prevention and Mitigation Works in Mainland West (North)	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	GE/2012/02	Ground Investigation - New Territories West (Term Contract)	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	GE/2012/08	Landslip Prevention and Mitigation Programme, 2010, Package A Landslip Prevention and Mitigation Works in Hong Kong Island West	0(0)	1(0)	1(0)	0(0)	0(0)
CEDD	GE/2012/09	Landslip Prevention and Mitigation Programme, 2011, Package L, Landslip Prevention and Mitigation Works in Tai Hang Road and Mount Davis Road	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	GE/2012/28	Landslip Prevention and Mitigation Programme, 2010, Package J Landslip Prevention and Mitigation Works in Mainland East (North)	1(0)	0(0)	0(0)	0(0)	0(0)
CEDD	GE/2012/30	Landslip Prevention and Mitigation Programme, 2011, Package B, Landslip Prevention and Mitigation Works in Hong Kong Island (East)	0(0)	0(0)	2(0)	0(0)	0(0)
CEDD	GE/2013/03	Landslip Prevention and Mitigation Programme, 2009, Package G Landslip Prevention and Mitigation Works in New Territories West	0(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2013/05	Landslip Prevention and Mitigation Programme, 2011, Package D Landslip Prevention and Mitigation Works in New Territories, Kowloon and Outlying Islands	0(0)	1(0)	0(0)	0(0)	0(0)

CEDD	GE/2013/16	Landslip Prevention and Mitigation Programme, 2008, Package N Landslip Prevention and Mitigation Works in Sham Wat, Tai O East, Upper Keung Shan and Keung Shan Road East in West Lantau	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	GE/2013/30	Landslip Prevention and Mitigation Programme, 2010, Package F Landslip Prevention and Mitigation Works in Lantau	0(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2013/35	Landslip Prevention and Mitigation Programme, 2012, Package A Landslip Prevention and Mitigation Works	0(0)	0(0)	0(0)	1(0)	0(0)
CEDD	GE/2013/41	Landslip Prevention and Mitigation Programme, 2012, Package B Landslip Prevention and Mitigation Works	0(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2014/03	Landslip Prevention and Mitigation Programme, 2014, Package K Landslip Prevention and Mitigation Works in Hong Kong Island, New Territories and Outlying Islands	0(0)	0(0)	1(0)	0(0)	0(0)
CEDD	GE/2014/04	Landslip Prevention and Mitigation Programme, 2011, Package F Landslip Prevention and Mitigation Works in Kowloon and New Territories East	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	GE/2014/16	Landslip Prevention and Mitigation Programme, 2012, Package J Landslip Prevention and Mitigation Works	0(0)	0(0)	1(0)	0(0)	1(0)
CEDD	GE/2014/18	Landslip Prevention and Mitigation Programme, 2012, Package I Landslip Prevention and Mitigation Works	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	GE/2015/02	Landslip Prevention and Mitigation Programme, 2013, Package C Landslip Prevention and Mitigation Works in Mainland East (North)	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	GE/2015/04	Landslip Prevention and Mitigation Programme, 2012, Package F, Landslip Prevention and Mitigation Works in Hong Kong Island, Kowloon and the New Territories	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	HK/2009/01	Wan Chai Development Phase II - Central - Wanchai Bypass at HK Convention & Exhibition Centre	2(0)	2(0)	1(0)	0(0)	0(0)
CEDD	HK/2009/02	Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East {CHIREC/XCRGPL and CHUNWO}	0(0)	2(0)	0(0)	0(0)	1(0)
CEDD	HK/2010/06	Wan Chai Development Phase II Central Wan Chai Bypass over MTR Tsuen Wan Line	2(0)	0(0)	0(0)	0(0)	0(0)
CEDD	HK/2012/08	Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai West	0(0)	2(0)	2(0)	6(0)	0(0)
CEDD	IS/2013/02	Improvement Works at Mui Wo, Phase 1	0(0)	0(0)	1(0)	2(0)	0(0)
CEDD	KL/2009/01	Site Formation for Kai Tak Cruise Terminal Development	3(0)	1(0)	0(0)	0(0)	0(0)
CEDD	KL/2010/03	Kai Tak Development - Stage 2 Infrastructure Works at North Apron Area of Kai Tak Airport for Residential Development & Government Facilities	1(0)	0(0)	2(0)	0(0)	0(0)
CEDD	KL/2011/01	Kai Tak Development - Reconstruction and Upgrading of Kai Tak Nullah	1(0)	3(0)	1(0)	3(0)	2(0)
CEDD	KL/2011/02	Infrastructure Works for Housing Sites adjacent to Lung Ping Road at Tai Wo Ping	0(0)	0(0)	0(0)	2(0)	0(0)

CEDD	KL/2012/02	Kai Tak Development - Stage 3A Infrastructure at Former North Apron Area	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	KL/2012/03	Kai Tak Development - Stage 4 Infrastructure at Former North Apron Area	0(0)	0(0)	2(0)	0(0)	1(0)
CEDD	KL/2014/01	Kai Tak Development - Stage 2 Infrastructure Works for Developments at the Southern Part of the Former Runway	0(0)	0(0)	0(0)	0(0)	2(0)
CEDD	KL/2014/03	Kai Tak Development - Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway	0(0)	0(0)	0(0)	2(0)	0(0)
CEDD	KL/2015/02	Kai Tak Development - Stage 5A Infrastructure at Former North Apron Area	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	KL/2016/01	West Kowloon Reclamation - Main Works (Remainder) - Footbridge at Junction of Sham Mong Road and Tonkin Street West in Sham Shui Po	0(0)	0(0)	0(0)	0(0)	2(0)
CEDD	KL/2016/02	Demolition and Ground Decontamination Works for Development at North West Kowloon Reclamation Site 1, Sham Shui Po - Phase 1	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	NE/2014/03	Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 7	0(0)	0(0)	0(0)	0(0)	2(0)
CEDD	NE/2014/05	Ma On Shan Development - Roads, Drainage and Sewerage Works at Whitehead and Lok Wo Sha, Phase 2	0(0)	0(0)	0(0)	1(0)	1(0)
CEDD	NE/2015/01	Tseung Kwan O - Lam Tin Tunnel Main Tunnel and Associated Works	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	NE/2016/01	Site Formation and Infrastructure Works for Development of Anderson Road Quarry Site	0(0)	0(0)	0(0)	0(0)	1(0)
CEDD	TK/2013/01	Site Investigation for Tseung Kwan O - Lam Tin Tunnel	0(0)	1(0)	0(0)	0(0)	0(0)
CEDD	TK/2013/02	Footbridge across Po Yap Road linking Tseung Kwan O Area 55 and Area 65	0(0)	0(0)	0(0)	2(0)	0(0)
CEDD	TP/2010/02	Cycle Tracks from Sheung Shui to Ma On Shan	0(0)	1(0)	0(0)	0(0)	0(0)
CEDD	YL/2012/01	Widening of Tin Ha Road and Tan Kwai Tsuen Road	2(0)	0(0)	0(0)	0(0)	0(0)
CEDD	YL/2013/01	Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1	0(0)	0(0)	0(0)	0(0)	1(0)
DSD	DC/2007/06	River Improvement Works in Upper Lam Tsuen River, She Shan River and Upper Tai Po River	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2007/12	Design and Construction of Tsuen Wan Drainage Tunnel {CHIREC/XCRGPL and MAEDAC and SELISX}	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2007/23	Harbour Area Treatment Scheme Stage 2A - Construction of Sewage Conveyance System from North Point to Stonecutters Island	3(0)	5(0)	5(1)	0(0)	0(0)
DSD	DC/2007/24	Harbour Area Treatment Scheme Stage 2A - Construction of Sewage Conveyance System from Aberdeen to Sai Ying Pun	4(0)	2(0)	0(0)	0(0)	0(0)
DSD	DC/2008/03	Design, Build and Operate Pillar Point Sewage Treatment Works	0(0)	1(0)	0(0)	0(0)	0(0)
DSD	DC/2008/09	Harbour Area Treatment Scheme Stage 2A Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen	2(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/02	Village Sewerage at Wang Chau, Yuen Long	1(0)	0(0)	0(0)	0(0)	0(0)

DSD	DC/2009/04	Drainage Maintenance and Construction in Hong Kong Island and Islands Districts (2010-2013)	1(1)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/07	North District and Tolo Harbour Regional Sewerage-Upgrading of Trunk Sewers at Ma Liu Shui, Tai Po and North District	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/08	Construction of Yuen Long South Branch Sewers and Expansion of Ha Tsuen Sewage Pumping Station	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/09	Construction of Tai Po Sewage Treatment Works Stage 5 Phase 2B	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/10	Harbour Area Treatment Scheme Stage 2A Upgrading Works at Stonecutters Island Sewage Treatment Works - Main Pumping Station, Sedimentation Tanks and Ancillary Facilities	0(0)	0(0)	0(0)	1(0)	1(0)
DSD	DC/2009/11	Tuen Mun Western Trunk Sewerage	0(0)	2(0)	0(0)	0(0)	0(0)
DSD	DC/2009/13	Construction of Sewage Treatment Works at Yung Shue Wan and Sok Kwu Wan	2(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/17	Harbour Area Treatment Scheme Stage 2A - Upgrading Works at Stonecutters Island Sewage Treatment Works - Sludge Dewatering Facilities	0(0)	1(0)	0(0)	0(0)	1(0)
DSD	DC/2009/18	Harbour Area Treatment Scheme Stage 2A - Upgrading Works at Stonecutters Island Sewage Treatment Works - Effluent Tunnel and Disinfection Facilities	1(1)	1(0)	2(0)	0(0)	0(0)
DSD	DC/2009/19	Harbour Area Treatment Scheme Stage 2A - Upgrading Works at Stonecutters Island Sewage Treatment Works - Sludge Handling and Disposal Facilities	0(0)	0(0)	1(0)	0(0)	0(0)
DSD	DC/2009/20	Harbour Area Treatment Scheme Stage 2A-Demolition of Chemically Enhanced Primary Treatment Tanks and Associated Facilities at Cyberport Sewage Treatment Works	0(0)	0(0)	0(0)	0(0)	1(1)
DSD	DC/2009/22	Drainage Improvement Works in Shuen Wan, Tai Po - Contract 1	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2009/23	Harbour Area Treatment Scheme Stage 2A Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central	0(0)	1(0)	0(0)	0(0)	0(0)
DSD	DC/2009/24	Harbour Area Treatment Scheme Stage 2A - Upgrading of Preliminary Treatment Works at Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	DC/2010/02	Drainage Improvement Works in Shuen Wan and Shek Wu Wai	1(0)	1(0)	0(0)	0(0)	0(0)
DSD	DC/2010/06	Upgrading of Central and East Kowloon Sewerage - Phase 2	1(0)	0(0)	1(0)	0(0)	1(0)
DSD	DC/2011/01	Drainage Maintenance and Construction in Mainland South Districts (2011-2015)	2(0)	1(0)	1(0)	0(0)	0(0)
DSD	DC/2011/04	Reconstruction, Improvement and Rehabilitation of Kai Tak River from Wong Tai Sin Police Station to Tung Tau II Estate	1(0)	0(0)	1(0)	0(0)	0(0)
DSD	DC/2011/05	Lam Tsuen Valley Sewerage - Village Sewerage, Stage 1	1(0)	1(0)	0(0)	0(0)	0(0)

DSD	DC/2012/01	Building and Civil Maintenance and Minor Works to DSD Plants and Facilities (2012-2016)	1(0)	0(0)	0(0)	0(0)	0(0)
DSD	DC/2012/02	Upgrading of Mui Wo Sewage Treatment Works and Village Sewerage at Wang Tong and Yue Kwong Chuen	1(0)	1(0)	5(0)	0(0)	0(0)
DSD	DC/2012/04	Sewerage in Kau Lung Hang San Wai, Kau Lung Hang Lo Wai and Tai Hang	0(0)	0(0)	1(0)	0(0)	0(0)
DSD	DC/2012/07	Lam Tsuen Valley Sewerage - Village Sewerage, Stage 2, Phase 1	0(0)	1(0)	0(0)	0(0)	0(0)
DSD	DC/2012/08	Lam Tsuen Valley Sewerage - Village Sewerage, Stage 2, Phase 2	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	DC/2013/01	Tolo Harbour Sewerage of Unsewered Areas Stage 2 - Phase 1 and Sewerage in Nam Wa Po and Wai Tau	0(0)	0(0)	1(0)	1(0)	1(0)
DSD	DC/2013/03	Reconstruction and Rehabilitation of Kai Tak River from Tung Kwong Road to Prince Edward Road East	0(0)	0(0)	1(0)	0(0)	0(0)
DSD	DC/2013/04	Outlying Islands Sewerage, Stage 2 - Lamma Village Sewerage Phase 2, Package 1	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	DC/2013/10	Design, Build and Operate San Wai Sewage Treatment Works - Phase 1	0(0)	0(0)	0(0)	0(0)	1(0)
DSD	DC/2014/01	Castle Peak Road Trunk Sewer and Tuen Mun Village Sewerage	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	DC/2015/02	Drainage Maintenance and Construction in Mainland South Districts (2015-2019)	0(0)	0(0)	0(0)	0(0)	2(0)
DSD	DE/2009/09	Supply and Installation of Electrical and Mechanical Equipment for Tai Po Sewage Treatment Works Stage 5 Phase 2B	0(0)	0(0)	0(0)	0(0)	1(0)
DSD	DE/2010/05	Term Contract for Inspection, Repair, Overhaul and Testing of Electrical and Mechanical Installations at Various Sewage Treatment Works and Pumping Stations in the New Territories (2010-2013)	2(0)	0(0)	0(0)	0(0)	0(0)
DSD	DE/2011/01	Term Contract for Waste Disposal and Minor Civil Engineering Works at Various Sewage Treatment Works and Pumping Stations in the New Territories (2011-2014)	0(0)	1(0)	0(0)	0(0)	0(0)
DSD	DE/2012/04	Supply and Installation of Electrical and Mechanical Equipment for Sewage Treatment Plant at Tai Lam Centre for Women	0(0)	1(0)	0(0)	0(0)	0(0)
DSD	DE/2012/10	Upgrading of Transfer Pipes for Biogas, Hot Water and Sludge, and Compressors in Yuen Long Sewage Treatment Works	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	DE/2013/03	Term Contract for Inspection, Repair, Overhaul and Testing of Electrical and Mechanical Installations at Various Sewage Treatment Works and Pumping Stations in the New Territories (2013-2016)	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	DE/2013/11	Term Contract for Waste Disposal and Minor Civil Engineering Works at Various Sewage Treatment Works and Pumping Stations in the New Territories (2014-2017)	0(0)	0(0)	1(0)	0(0)	0(0)

DSD	DE/2016/08	Term Contract for Inspection, Repair, Overhaul and Testing of Electrical and Mechanical Installations at Various Sewage Treatment Works and Pumping Stations in Sha Tin and Sai Kung (2017 – 2020)	0(0)	0(0)	0(0)	0(0)	1(0)
DSD	DE/2016/09	Term Contract for Greening, Landscaping and Establishment Works at Sewage Treatment and Flood Prevention Facilities under Sewage Treatment Division 1 (2017-2020)	0(0)	0(0)	0(0)	0(0)	1(0)
DSD	DE/2016/13	Term Contract for Waste Disposal and Minor Civil Engineering Works at Various Sewage Treatment Works and Pumping Stations in the New Territories (2017-2020)	0(0)	0(0)	0(0)	0(0)	1(0)
DSD	DSD/ST9/SEC/27(ST1/3/TM5-2015)	Provision of Deodourization System at Sham Tseng Sewage Treatment Works	0(0)	0(0)	0(0)	1(0)	0(0)
DSD	ST1/2/ST2017/08	Taipo Treatment Works and Outlying Sewage and Stormwater Facilities	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	1001EM12W	Supply and Installation of Integrated Security System and High Security Locks at Lo Wu Correctional Institution for Correctional Services Department	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1012EM12T	Three-year Term Contract for Installation, Modification, Testing and Commissioning of Traffic Light Signals and Traffic Aids Equipment in Hong Kong	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1013EM13T	Triennial Term Contract for Operation and Maintenance of Air-conditioning Installations for Hong Kong Police Force and Hong Kong Independent Commission Against Corruption for the Government of HKSAR	0(0)	0(0)	1(0)	0(0)	0(0)
EMSD	1014EM12T	36-month Term Contract for Building Services Fitting-out, Replacement and Improvement Works to Health Sector Venues in Kowloon Central Region	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1016EM12W	District Cooling System at Kai Tak Development Phase III (Package A) - Electrical and Mechanical Installation	0(0)	1(0)	0(0)	1(0)	0(0)
EMSD	1017EM10	Design-Build-Operate a District Cooling System (Phase II Works) at Kai Tak Development	5(0)	0(0)	1(0)	0(0)	0(0)
EMSD	1019EM11W	Replacement of Tunnel Ventilation System in the Cross Harbour Tunnel	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	1027EM13T	Triennial Term Contract for the Maintenance and Repair of, Alteration, Addition and Improvement Works to Electrical and Floodlighting Installations in HK Island and Islands (South) in the Government Properties Maintained by GESD and AVED	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	1037EM11T	Triennial Term Contract for the Comprehensive Maintenance and Repair of Lift and Escalator Installations at Various Premises of the Government of the Hong Kong Special Administrative Region (Package Two)	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1037EM12T	36-month Term Contract for Building Services Fitting-out, Replacement and Improvement Works for Health Sector Venues in Kowloon East Region	1(0)	0(0)	0(0)	0(0)	0(0)

EMSD	1043EM10	24-Month Contract for the Operation and Maintenance of Air-conditioning Installations at the Government Logistics Centre, Murray Road Carpark Building, Queensway Government Offices Building and North Point Government Offices Building	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1047EM12T	Triennial Contract for Improvement and Maintenance of Heating, Ventilation and Air-conditioning Installations for Hospitals and Clinics in Kowloon West and New Territories Regions	1(0)	1(0)	0(0)	0(0)	0(0)
EMSD	1055EM12T	Triennial Term Contract for Operation and Maintenance of Air-conditioning Installations in Various Venues of the Government of the HKSAR Maintained by Hong Kong Maintenance Sub-division of General Engineering Services Division	0(0)	0(0)	1(0)	0(0)	0(0)
EMSD	1059EM12T	Triennial Term Contract for the Maintenance and Repair of, Alterations and Additions to Fire Services Installations for Health Services Buildings in Kowloon Region	0(0)	1(0)	0(0)	0(0)	0(0)
EMSD	1165EM17M	Refurbishment Works of Underground Fuel Storage Tanks for Fire Services Department at Wong Tai Sin Ambulance Depot	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	1200EM13S	Refurbishment and Maintenance of Masts and Towers at Selected Locations	0(0)	1(0)	0(0)	0(0)	0(0)
EMSD	1236EM12M	Replacement of Air Conditioning System at Various CSD Venues	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1246EM16M	Provision of Engineering Services at Health Sector Services in Kowloon East Cluster	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	1248EM15T	Triennial Term Contract for the Comprehensive Maintenance and Repair of Lift Installations at Arsenal House, Police Headquarters, Wan Chai	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	1286EM16S	Comprehensive Maintenance and Repair of Lift Installations at Various Premises of the Government of the Hong Kong Special Administrative Region	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	1339EM12M	12-Month Term Quotation for Alteration, Addition and Improvement Works on Ventilation Systems for Special Block in Tuen Mun Hospital	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	1517EM13M	Replacement and Modernisation for 2 nos. of Lifts in Nursing Quarter A, Tuen Mun Hospital	0(0)	0(0)	1(0)	0(0)	0(0)
EMSD	1881EM14M	Replacement of auto-wash strainer, AHUs, ductwork, pipework, split type AC units, VRV units & conducting the air duct cleaning at Tuen Mun Cultural Complex & Public Library & San Hui Market in the NT	0(0)	0(0)	1(0)	0(0)	0(0)
EMSD	1913EM14T	Triennial Contract for Maintenance of Air-conditioning Installations at Unattended Municipal Venues in Hong Kong Region	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	1918EM14M	Rectification Work on Chillers at Pok Oi Hospital	0(0)	0(0)	1(0)	0(0)	0(0)

EMSD	1965EM14T	Triennial Contract for the Operation and Maintenance of Electrical, Mechanical and Other Installations for Municipal Venues in Kowloon of the Government of the Hong Kong Special Administrative Region (Package II)	0(0)	0(0)	1(0)	0(0)	0(0)
EMSD	2101EM14M	Replacement of Low Voltage Switchboards at Lek Yuen Health Centre and Fu Shan Public Mortuary	0(0)	0(0)	1(0)	0(0)	0(0)
EMSD	2134EM17M	Toilet Renovation at G/F, 2/F and 5/F of EMSD Headquarters Building	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	2220EM17S	Comprehensive Maintenance and Repair of Escalator Installations at Various Premises of the Government of the Hong Kong Special Administrative Region (Package Four of MT17E)	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	2467EM14M	Enhancement Works for Modernizing Existing Lifts No. 5 - 8 at Shun Lee Disciplined Services Quarters at Lee On Road, Kwun Tong	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	2487EM14W	District Cooling System at Kai Tak Development Phase III (Package B) - Electrical and Mechanical Installation	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	2494EM15S	Provision of Air-conditioning Maintenance Support Service at Clinical Sciences Building (Old Block) of Prince of Wales Hospital	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	2540EM15S	Provision of Engineering Services for E&M Installation and other Services at Wo Hop Shek Crematorium and Columbarium	0(0)	0(0)	0(0)	1(0)	0(0)
EMSD	2565EM15S	Provision of Air-conditioning Maintenance Support Service at Cancer Centre of Prince of Wales Hospital	0(0)	0(0)	0(0)	1(0)	1(0)
EMSD	2894EM16T	Quadrennial Term Contract for Maintenance Services of Infrastructure Power Network at Hong Kong International Airport	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	2GH140013	Maintenance and Repair of Lift and Escalator Installations in Legislative Council Complex at Tamar	1(0)	0(0)	0(0)	0(0)	0(0)
EMSD	3003EM16A	Triennial Contract for Management, Operation and Maintenance of Central to Mid-Levels Escalator and Walkway System	0(0)	0(0)	0(0)	0(0)	1(0)
EMSD	4200293496	Provision of working platform to replace the defective fluorescent tubes in Sun Yat Sen Memorial Park Sports Centre	0(0)	0(0)	0(0)	0(0)	1(0)
WSD	1/WSD/11(K)	Term Contract for Waterworks District K - Kowloon (1.9.2011 - 31.8.2014)	0(0)	1(0)	0(0)	0(0)	0(0)
WSD	1/WSD/12(E)	Term Contract for Waterworks District E - New Territories East (Contract Period : 1.9.2012 - 31.8.2015)	2(0)	1(0)	2(0)	0(0)	0(0)
WSD	1/WSD/12(H)	Term Contract for Waterworks District H - Hong Kong Island and Ap Lei Chau (Contract Period : 1.9.2012 - 31.8.2015)	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	1/WSD/12(W)	Term Contract for Waterworks District W - New Territories West (Contract Period : 1.9.2012 - 31.8.2015)	1(0)	4(0)	0(0)	0(0)	0(0)
WSD	1/WSD/14(L)	Term Contract for Waterworks District L - Lantau and the Outlying Islands (1.9.2014 to	0(0)	1(0)	0(0)	0(0)	0(0)

		31.8.2017)					
WSD	1/WSD/15(E)	Term Contract for Waterworks District E - New Territories East Contract Period: 1.9.2015 - 31.8.2018	0(0)	0(0)	0(0)	1(0)	2(0)
WSD	1/WSD/15(H)	Term Contract for Waterworks District H - Hong Kong Island and Ap Lei Chau Contract Period: 1.9.2015 - 31.8.2018	0(0)	0(0)	0(0)	1(0)	0(0)
WSD	1/WSD/15(W)	Term Contract for Waterworks District W - New Territories West Contract Period: 1.9.2015 - 31.8.2018	0(0)	0(0)	0(0)	2(0)	1(0)
WSD	10/WSD/08	Replacement and Rehabilitation of Water Mains, Stage 3 - Mains in Central and Western District	0(0)	1(0)	0(0)	0(0)	0(0)
WSD	10/WSD/09	Salt Water Supply System for Pok Fu Lam Area - Construction of Service Reservoirs, Pumping Stations & Associated Main Laying	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	10/WSD/10	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 1 Mains in Sha Tin and Sai Kung	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	10/WSD/11	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 1 - Major Mains in Eastern New Territories	0(0)	1(0)	2(0)	1(0)	0(0)
WSD	10/WSD/13	Preventive Maintenance Works Upgrading Works and Associated Ground Investigations for WSD Slopes 2012 - 2013 Programme	0(0)	0(0)	0(0)	1(0)	0(0)
WSD	11/WSD/11	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 2 - Mains in Tsuen Wan and Kwai Tsing	3(0)	0(0)	2(0)	1(0)	2(0)
WSD	12/WSD/10	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 1 - Mains in Eastern and Southern Districts	0(0)	2(0)	3(0)	2(0)	3(1)
WSD	12/WSD/11	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 2 - Dongjiang Mains and Mains along Fan Kam Road	0(0)	0(0)	1(0)	0(0)	0(0)
WSD	13/WSD/10	Replacement & Rehabilitation of Water Mains, Stage 4 Phase 1 - Mains in West Kowloon, Kwai Tsing & Tsuen Wan	2(0)	1(0)	2(0)	0(0)	4(1)
WSD	13/WSD/11	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 2 - Mains in East Kowloon	2(0)	0(0)	0(0)	2(0)	0(0)
WSD	14/WSD/08	Replacement and Rehabilitation of Water Mains Stage 3 - Mains in Tuen Mun and Yuen Long	1(0)	0(0)	0(0)	1(0)	0(0)
WSD	14/WSD/10	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 1 - Mains in East Kowloon	3(0)	1(0)	0(0)	2(0)	1(0)
WSD	14/WSD/11	Replacement and rehabilitation of water mains, stage 4 phase 2-mains in West Kowloon	2(0)	0(0)	0(0)	0(0)	1(0)
WSD	15/WSD/08	Replacement and Rehabilitation of Water Mains Stage 3 - Mains in Tai Po and Sha Tin	3(0)	0(0)	1(0)	0(0)	0(0)
WSD	15/WSD/10	Expansion of Tai Po Water Treatment Works and Ancillary Raw Water and Fresh Water Transfer Facilities - Design and Build of New Stream II	1(1)	2(0)	3(0)	2(0)	0(0)
WSD	16/WSD/07	Mainlaying along Castle Peak Road between So Kwun Tan and Fu Tei	1(0)	0(0)	0(0)	0(0)	0(0)

WSD	16/WSD/09	Salt water Supply for Northwest NT - Mainlaying in Yuen Long	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	17/WSD/14	Improvement to Waterworks Facilities at Lantau South and Mainlaying at Keung Shan and Sha Tin South	0(0)	0(0)	0(0)	0(0)	1(0)
WSD	18/WSD/08	Replacement and Rehabilitation of Water Mains Stage 3 - Mains on Hong Kong Island South and Outlying Islands	2(0)	0(0)	0(0)	0(0)	0(0)
WSD	2/WSD/09	Salt Water Supply for Northwest NT - Construction of Lok On Pai Salt Water Pumping Station & Associated Works	2(0)	0(0)	0(0)	0(0)	0(0)
WSD	20/WSD/06	Replacement and Rehabilitation of Water Mains, Stage 2 - Mains in Sha Tin and Shap Sze Heung	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	24/WSD/08	Salt Water Supply for Northwest NT - Mainlaying in Ping Shan, Hung Shui Kiu & Lam Tei Areas	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	26/WSD/08	Salt Water Supply for Northwest New Territories - Mainlaying along Castle Peak Road between Fu Tei and Tin Shui Wai	1(1)	1(0)	0(0)	0(0)	0(0)
WSD	3/WSD/08	Replacement and Rehabilitation of Water Mains, Stage 3 Mains in West Kowloon (Package A)	0(0)	1(0)	1(0)	0(0)	0(0)
WSD	3/WSD/12	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 1 - Remaining Mains on Hong Kong Island	0(0)	2(0)	0(0)	2(0)	1(0)
WSD	4/WSD/11	Construction of Butterfly Valley Fresh Water Primary Service Reservoir Extension and Associated Mainlaying	0(0)	0(0)	1(0)	0(0)	0(0)
WSD	4/WSD/14	Term Contract for Mechanical and Electrical Works of the Water Supplies Department Contract Period from 1 May 2015 to 30 April 2018	0(0)	0(0)	0(0)	0(0)	1(0)
WSD	5/WSD/07	Improvement to Hong Kong Central Mid-level and High Level Areas Water Supply - Remaining Works Construction of Service Reservoirs, Pumping Stations and Associated Main Laying	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	7/WSD/08	Replacement and Rehabilitation of Water Mains, Stage 3 Mains in East Kowloon (Package A)	1(0)	0(0)	0(0)	0(0)	0(0)
WSD	7/WSD/12	Construction of Pressure Management and District Metering Installations for Large Housing Estates and New Territories Villages in Tsuen Wan West, Tuen Mun, Sai Kung, Aberdeen, Shatin and Sheung Shui & Fanling Major Fresh Water Supply Zones	0(0)	0(0)	0(0)	1(0)	1(0)
WSD	8/WSD/08	Replacement & Rehabilitation of Water Mains, Stage 3 Mains in East Kowloon (Package B)	0(0)	1(0)	1(0)	0(0)	0(0)
WSD	9/WSD/10	Replacement and Rehabilitation of Water Mains, Stage 4 Phase 1 - Major Mains in Western New Territories	1(0)	0(0)	0(0)	1(0)	0(0)
		Total	**174 (4)**	**155 (1)**	**176 (1)**	**136 (2)**	**162 (4)**

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4288)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

According to the 2017 Work Plan under the Framework Agreement on Hong Kong/Guangdong Co-operation, when Guangdong enterprises launch construction projects in Belt and Road countries, they will work together with the Hong Kong construction and engineering sectors to employ architectural and engineering-related professionals and enterprises in Hong Kong to participate in the planning, construction and management of the projects, as well as to provide consultancy services. What are those Hong Kong construction and engineering enterprises that have participated in the construction projects in the Belt and Road countries together with the Guangdong enterprises currently? Will the Administration provide a detailed list of the information on the enterprises and the construction projects?

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 208)

Reply:

Pursuant to one of the items in the 2017 Work Plan under the Framework Agreement on Hong Kong/Guangdong Co-operation, the Development Bureau will continue to maintain close liaison and co-operation with the Guangdong Department of Housing and Urban-Rural Development and other relevant Mainland authorities. Guangdong enterprises, when launching construction projects in Belt and Road countries, are encouraged to work together with the Hong Kong construction and engineering sectors and employ architectural and engineering-related professionals from Hong Kong for the planning, construction and management of the projects and for the provision of consultancy services. In this respect, we will organise activities such as high-level thematic forums and sharing sessions in conjunction with relevant Mainland authorities, so as to provide opportunities for professionals and enterprises in Hong Kong and Guangdong to enhance mutual understanding and communication, and establish platforms for business and personal networks. We will also promote the strengths and experience of Hong Kong enterprises and professionals, and encourage Mainland enterprises to explore opportunities for engaging in joint ventures with Hong Kong enterprises, for employing relevant professionals from

Hong Kong and for initiating other collaborative projects under the principles of complementary co-operation and reciprocity. However, we do not have information about the participation of Hong Kong enterprises in Belt and Road construction projects undertaken by Guangdong enterprises.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5361)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the 2018-19 Controlling Officer's Report that the Government will, among other things, continue to oversee the implementation of the Kai Tak Development (KTD). Many Kai Tak residents and the cruise terminal operator have expressed their concerns to me that road development in the KTD lags behind so seriously that they can only access the facilities in the KTD, such as the Cruise Terminal, the Runway Park and the soon-to-be-opened Children's Hospital, by detouring through other areas. With the sale of large amount of land in the KTD by the Government, traffic volume is expected to increase significantly in the KTD. Please inform this Committee of the current progress of the road development projects in the KTD, their timetables and targets. Will the Government consider allocating additional manpower and resources to expedite the delivery of such road development projects? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LEUNG Mei-fun, Priscilla (Member Question No. (LegCo use): 28)

Reply:

Infrastructure works for the Kai Tak Development (KTD) are being implemented in stages according to their priorities and readiness to tie in with the development pace of the area. The progress of road developments concerning the KTD-associated infrastructure projects is set out below:

(A) Infrastructure projects (with major road works) completed include –

PWP Item	Project Title	Major road works completed
739CL	KTD – Stage 1 infrastructure works in the north apron area of Kai Tak Airport	Shing Kai Road, Muk Hung Street and Muk On Street in the former north apron

PWP Item	Project Title	Major road works completed
741CL	KTD – Stage 1 advance infrastructure works for developments in the southern part of the former runway	Shing Fung Road and Shing Cheong Road in the former runway and south apron respectively
746CL	KTD – Stage 2 infrastructure in the north apron area of Kai Tak Airport	Muk On Street (extension) and Muk Ning Street in the former north apron

(B) Infrastructure projects (with major road works) now under construction include –

PWP Item	Project Title	Anticipated Completion Date	Major road works under construction
761CL	KTD – Stages 3A and 4 infrastructure works in the north apron area of Kai Tak Airport	2018 (Stage 3A covering Concorde Road and vehicular underpass of Kai San Road across Prince Edward Road East in the former north apron was completed)	Road D2 in the former north apron
711CL	KTD – Infrastructure works for developments in the southern part of the former runway	2019	Widening of Shing Cheong Road, and realignment and widening of Shing Fung Road in the former south apron and runway respectively
797CL	KTD – Stages 3B and 5A infrastructure works in the former north apron area	2020	Road D1, Road L7 and slip roads at Prince Edward Road East in the former north apron

The remaining stages of the KTD's infrastructure works are under active planning and design to dovetail with the development pace and growth of traffic demand of the areas concerned.

The Government has set up the Kai Tak Office under the Civil Engineering and Development Department to lead, oversee and coordinate the implementation of the KTD. We will keep in view the staff resources required for the completion of road works at various stages of the KTD's implementation.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4155)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the provision of sign language interpretation services in the past 5 years, will the Administration inform this Committee of the following:

1. Whether sign language interpretation services are provided? If yes, what are the frequency, occasions and causes for providing sign language interpretation services in each year?
2. Regarding the above, the number of sign language interpreters involved in each year, their pay, the organisations to which they belong, and the total expenditure involved in each year;
3. Whether the Government will consider allocating more resources to improve the services for communicating with the deaf and/or persons with hearing impairment in future? If yes, what are the details (including measures, manpower, expenditure, timetable, etc.)? If no, what are the reasons?

Asked by: Hon LEUNG Yiu-chung (Member Question No. (LegCo use): 93)

Reply:

The Works Branch of the Development Bureau has not provided sign language interpretation services in the past five years as there has been no demand for such services. Such services will be procured as and when required.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5153)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Please list in the table below by district the current numbers of declared monuments and the respective total numbers of Grade 1, Grade 2 and Grade 3 historic buildings:

	Number of declared monuments	Grade 1 historic buildings	Grade 2 historic buildings	Grade 3 historic buildings
Central and Western District				
Eastern District				
Southern District				
Wan Chai District				
Kowloon City District				
Kwun Tong District				
Sham Shui Po District				
Yau Tsim Mong District				
Wong Tai Sin District				
Islands District				
Kwai Tsing				

District				
North District				
Sai Kung District				
Sha Tin District				
Tai Po District				
Tsuen Wan District				
Tuen Mun District				
Yuen Long District				

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 547)

Reply:

A breakdown of the number of declared monuments and historic buildings with Grade 1, Grade 2 and Grade 3 status by district as at 15 March 2018 is shown below:

District	**Declared Monuments**	**Historic Buildings**		
		Grade 1	**Grade 2**	**Grade 3**
Central and Western District	24	43	36	34
Eastern District	5	7	13	6
Southern District	11	5	41	48
Wan Chai District	6	13	32	28
Kowloon City District	3	2	15	16
Kwun Tong District	0	3	0	5
Sham Shui Po District	1	2	11	15
Yau Tsim Mong District	7	12	26	13
Wong Tai Sin District	1	1	4	6
Islands District	9	1	30	44
Kwai Tsing District	1	1	0	1

North District	12	20	44	69
Sai Kung District	8	5	21	15
Sha Tin District	2	4	21	27
Tai Po District	7	7	9	33
Tsuen Wan District	3	2	6	17
Tuen Mun District	1	7	9	12
Yuen Long District	16	21	51	129
Total	**117**	**156**	**369**	**518**

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5246)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

According to the 2017 Work Plan under the Framework Agreement on Hong Kong/Guangdong Co-operation, when Guangdong enterprises launch construction projects in Belt and Road countries, they will work together with the Hong Kong construction and engineering sectors to employ architectural and engineering-related professionals and enterprises in Hong Kong to participate in the planning, construction and management of the projects, as well as to provide consultancy services. What are those Hong Kong construction and engineering enterprises that have participated in the construction projects in the Belt and Road countries together with the Guangdong enterprises currently? Will the Administration provide a detailed list of the information on the enterprises and the construction projects?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 704)

Reply:

Pursuant to one of the items in the 2017 Work Plan under the Framework Agreement on Hong Kong/Guangdong Co-operation, the Development Bureau will continue to maintain close liaison and co-operation with the Guangdong Department of Housing and Urban-Rural Development and other relevant Mainland authorities. Guangdong enterprises, when launching construction projects in Belt and Road countries, are encouraged to work together with the Hong Kong construction and engineering sectors and employ architectural and engineering-related professionals from Hong Kong for the planning, construction and management of the projects and for the provision of consultancy services. In this respect, we will organise activities such as high-level thematic forums and sharing sessions in conjunction with relevant Mainland authorities, so as to provide opportunities for the professionals and enterprises in Hong Kong and Guangdong to enhance mutual understanding and communication, and establish platforms for business and personal networks. We will also promote the strengths and experience of Hong Kong enterprises and professionals, and encourage Mainland enterprises to explore opportunities for engaging in joint ventures with Hong Kong enterprises, for employing relevant

professionals from Hong Kong and for initiating other collaborative projects under the principles of complementary co-operation and reciprocity. However, we do not have information about the participation of Hong Kong enterprises in Belt and Road construction projects undertaken by Guangdong enterprises.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5384)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Kowloon East is a smart city test bed. However, since the launch of the My Kowloon East (MyKE) mobile app by the Administration in 2016, there has been a string of negative news about the app, which has only registered 6 800 downloads as at last month. At the same time, some users point out that the app design is not user-friendly. For instance, there is no navigation function in the driving mode of Easy Walking, making it difficult for drivers to use. Also, users cannot identify their locations because the names of nearby buildings are not indicated on the guided tour maps.

1. What is the annual recurrent operational expenses on the MyKE mobile app currently and what is the percentage against the total budget?

2. Has there been any review of the reasons for the small number of downloads of the MyKE mobile app? If no, what are the reasons? Will a review be conducted immediately?

3. As some users think that the app is not user-friendly, how will the Administration enhance its design and functions?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 55)

Reply:

The MyKE mobile app was launched in December 2016 to promote smart city development in Kowloon East and to serve as an interactive platform for real-time data sharing to demonstrate the feasibility. As at end-March 2018, the download rate of MyKE was about 7 300. While the coverage of the mobile app is basically Kowloon East only, the number of downloads has been increasing steadily. The mobile app was developed by the Energizing Kowloon East Office (EKEO) in collaboration with the Lands Department using existing resources.

The design and functions in the MyKE mobile app will continue to be enhanced. For instance, with the system update in December 2017, new GPS positioning of the user is now featured under the "Self-guided Tour" function, enabling the user to identify his/her location on the guided tour map. Names of major roads and places have also been added in this function. The driving mode in MyKE has primarily been designed to allow drivers to locate vacant parking spaces in real time as such real-time information on an area basis was lacking previously. There is currently no plan to provide navigation function in the driving mode of "Easy Walking" or "Easy Parking" as such app function is widely available in the market. Instead, more real-time data will be shared via MyKE, such as the data collected in some of EKEO's proof of concept trials. The existing functions in MyKE will also be expanded to cover the San Po Kong area.

EKEO will continue to take account of the feedback from users for further enhancement of the mobile app, and further promote downloading and usage of the app.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5385)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Since San Po Kong has been included in the scope of the Energizing Kowloon East project, does the Administration have any plans to extend the coverage of the My Kowloon East (MyKE) mobile app (including the functions of "Easy Walking", "Easy Parking" and "Self-guided Tour") launched in 2016 to San Po Kong? If yes, what are the details? If no, what are the reasons?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 56)

Reply:

The Energizing Kowloon East Office (EKEO) plans to extend the coverage of the "Easy Parking", "Easy Walking" and "Self-guided Tour" functions in the MyKE mobile app to San Po Kong. On "Easy Parking", EKEO has recently conducted a technical briefing for the car park owners/operators in San Po Kong, inviting them to provide real-time parking vacancy data for dissemination via the MyKE mobile app. For "Easy Walking" and "Self-guided Tour", data and system upgrading to cover the San Po Kong area is in progress.

The above enhancements will be launched progressively within 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5386)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention in 2018-19 that the Administration will "carry out actions to implement the Kai Tak Fantasy project". What are the details of the project? What specific actions will be carried out to implement the project? What are the public expenditure and staff establishment involved in the new financial year?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 57)

Reply:

Kai Tak Fantasy (KTF) is envisioned as a world-class tourism, entertainment and leisure attraction. The KTF project covers the Kai Tak runway tip (KTRT), the Kwun Tong Action Area (KTAA) and the water body in between including Kwun Tong Typhoon Shelter (KTTS).

The Energizing Kowloon East Office is carrying out two KTF-related consultancy studies, namely the Planning and Urban Design Review for Developments at KTRT, and the Planning and Engineering Study on KTAA. The former study is formulating a master layout plan, a landscape master plan, a planning and design brief, cost estimation, programme and phasing arrangement, and implementation mechanisms for the runway tip area. The estimated expenditure on this study in 2018-19 is about $2.4 million. For the latter study, the Preliminary Outline Development Plan for KTAA and the water body co-use proposals for KTTS are being refined to take account of the public comments received. Technical assessments are underway for the formulation of a Recommended Outline Development Plan. The estimated expenditure on this study in 2018-19 is about $1 million. Existing manpower resources will continue to be deployed to oversee the two studies.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5387)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

What is the planning progress of the former airport runway tip so far? What is the estimated time required to complete the planning and design review study? What is the amount of estimated expenditure and manpower earmarked for the study in the new financial year? What are the details of the study and the expected date of completion?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 58)

Reply:

The Planning and Urban Design Review for Developments at Kai Tak Runway Tip is formulating the master layout plan, landscape master plan, planning and design brief, cost estimation, programme and phasing arrangement, and implementation mechanisms for the runway tip area. The study is expected to take about nine more months and scheduled for completion around end 2018. The estimated expenditure on the study in the new financial year is about $2.4 million, and existing manpower resources will continue to be deployed to oversee the study.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5388)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

How many consultancy study contracts have been awarded by the Administration for the planning and studying of the Kwun Tong Action Area (KTAA) to transform Kowloon East into the second core business district? What are the details, government expenditures, commencement and completion dates regarding the studies? Are there any concrete findings? To avoid giving the public the negative impression that the Administration is indefinitely delaying the project, when is the anticipated date for the finalisation of the development and planning directions for the KTAA?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 59)

Reply:

There is one consultancy study on the Kwun Tong Action Area (KTAA), i.e. the Planning and Engineering Study on KTAA – Feasibility Study. The study commenced in March 2016, and the consultancy fee is about $7.5 million. A Preliminary Outline Development Plan (PODP) for KTAA and water body co-use proposals for Kwun Tong Typhoon Shelter have been formulated for public consultation between August to November 2017. The PODP has been refined to take account of the comments received, and technical assessments are underway for the formulation of a Recommended Outline Development Plan. The findings and recommendations of the study are expected to be available by end 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5801)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

A planning and engineering study on Energizing Kowloon East was carried out in 2017 to release the potential of the government sites within the Kowloon Bay Action Area. Since the last financial year, how many contracts have been awarded by the Administration for conducting the planning and engineering study to explore the potential of the Kowloon Bay Action Area? What are the details, government expenditures, commencement and completion dates regarding the studies? Are there any concrete findings?

How many consultancy contracts for Energizing Kowloon East will be awarded in the new financial year? What are the estimated expenditures? What is the estimated time required to finalise the studies?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 62

Reply:

The Planning and Engineering Study for the Development at Kowloon Bay Action Area (KBAA) of Kowloon East is ongoing, and the consultancy fee is about $7.3 million. The Preliminary Outline Development Plan for KBAA has been refined to take account of the public comments received, and technical assessments are underway for the formulation of a Recommended Outline Development Plan. The study is expected to be completed within 2018. Since the last financial year, no new contract has been awarded for study on KBAA.

Information on the consultancy contracts planned to be awarded by the Energizing Kowloon East Office in 2018-19 is provided below:

	Consultancy	**Estimated Expenditure in 2018-19**	**Estimated Duration**
1	Consultancy Services on Technical Study for the Ngau Tau Kok	$2.2 million	About 12 months

	Consultancy	Estimated Expenditure in 2018-19	Estimated Duration
	Divisional Police Station Site at Siu Yip Street		
2	Proof of Concept Trial on Multi-purpose Lamp Post	To be determined, subject to finalisation of tender specifications.	Ranging from 12 months to 24 months depending on the complexity of the trials
3	Proof of Concept Trial on Smart Waste Bin System		
4	Proof of Concept Trial on Real-time Road Works Information System		
5	Proof of Concept Trial on Illegal Parking Monitoring System		
6	Consultancy Services on the Roadmap and Privacy Impact Assessment for Illegal Parking Monitoring System	To be determined, subject to finalisation of tender specifications.	About 12 months

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5811)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In reply to the question I raised in the Legislative Council on 31 January this year, the Administration stated that since the establishment of the Project Cost Management Office (PCMO), it has scrutinised the cost estimates of more than 130 public works projects and achieved cost savings of over $25 billion for the Government. As the PCMO is originally planned to operate until March 2019 (with about 1 year of operation remaining), will the Administration consider extending the operation period of the PCMO or even upgrading it as a permanent government department in view of its performance? If yes, what are the details? If no, what are the reasons?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 71)

Reply:

Since its establishment in June 2016, the Project Cost Management Office (PCMO) has taken a series of measures to enhance cost management for capital works projects, and has been collaborating with various bureaux and works departments to optimise project designs and adopt suitable procurement strategies for effective cost management. As of now, we have achieved cost savings of $27 billion, or about 10% of the total original estimated project cost of $260 billion, through rigorous scrutiny of the cost estimates of about 130 capital works projects.

PCMO will continue to implement measures, such as enhancing the project delivery capabilities of construction professionals, promoting innovative construction methods and advanced technologies etc, to enhance productivity and ensure cost-effectiveness.

We are reviewing PCMO's workload and staffing position, and will strengthen its manpower where necessary. Many of the measures implemented by PCMO require continuity to ensure the formulation and timely implementation of effective reforms that are

conducive to the sustainability of public finance and the long-term development of the construction industry. With reference to the experience and practices of some overseas jurisdictions, such as the United Kingdom and Singapore, regarding the establishment of dedicated offices for project and cost management, we will consider before the expiry of its current term on 1 April 2019 whether PCMO should be converted to a permanent office.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5813)

Head: (159) Government Secretariat: Development Bureau (Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Serious cost overruns in major infrastructure projects have repeatedly occurred in recent years, and more infrastructure projects will be carried out in the coming year. Has the Government evaluated whether the financial resources and staff allocated to the Project Cost Management Office (PCMO) in 2017-18 were sufficient? With more infrastructure projects to be launched in future, will the Government consider expanding the staff establishment of the PCMO to review the costs of the additional infrastructure projects and keep them under strict control, so as to avoid frequent, huge cost overruns in infrastructure projects, which will lead to public queries about the waste of public money by the Government and tarnish its image?

In addition, in the new financial year, the estimated provision for the Intra-Governmental Services is 22.3% higher than that for 2017-18. How much of it will be used to meet the operating costs of the PCMO?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. (LegCo use): 73)

Reply:

Projects under the Capital Works Programme (CWP) as a whole are performing well in terms of cost control, notwithstanding there having been instances of cost overruns in delivering certain mega projects in recent years due to unforeseeable circumstances. In the past ten years, the Finance Committee (FC) of the Legislative Council has approved a total of about 570 Category A works projects, with a total provision of $800 billion. Among them, about 70 projects required additional funding, totalling around $65 billion, from the FC. In other words, additional funding was required in approximately 10% of the projects and the amount represented some 8% of total provision.

Despite the presence of projects requiring additional funding owing to individual circumstances, we have generally managed to complete CWP projects within the original Approved Project Estimates, sometimes even with a surplus. About 850 Category A

projects have had their final accounts settled in the past ten years. Their original approved estimates amounted to about $240 billon as compared with the total final expenditure of about $210 billion.

In order to contain the risk of cost overruns, the Project Cost Management Office (PCMO) has been collaborating with works departments to put in place a series of measures. These include setting up high-level monitoring mechanisms to oversee project cost estimations and cash flows, rigorous vetting of proposed changes to projects etc. We also aim to enhance the project management capabilities of project officers so that they can foresee challenges and tackle difficult circumstances when they arise. In addition, as announced in the 2017 Policy Agenda, we will study the establishment of a major project leaders academy to provide high-level leadership professional training on a continuous basis so as to equip major project leaders in the Government with world-class leadership skills in the delivery of public works projects.

We are reviewing PCMO's workload and staffing position, and will strengthen its manpower where necessary. Many of the measures implemented by PCMO require continuity to ensure the formulation and timely implementation of effective reforms that are conducive to the sustainability of public finance and the long-term development of the construction industry. With reference to the experience and practices of some overseas jurisdictions, such as the United Kingdom and Singapore, regarding the establishment of dedicated offices for project and cost management, we will consider before the expiry of its current term on 1 April 2019 whether PCMO should be converted to a permanent office.

Among the additional provision of $64.7 million under Programme (5) Intra-Governmental Services for 2018-19, about $1.8 million is for PCMO to enhance project cost management.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 3742)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

It is stated in the matters requiring special attention in 2018-19 under this Programme that the Government will complete the detailed feasibility study for the Environmentally Friendly Linkage System for Kowloon East. Would the Government advise this Committee the anticipated completion date of the study, current staffing establishment for undertaking the study and estimated annual payroll cost to be involved throughout 2018-19?

Asked by: Hon CHAN Chi-chuen (Member Question No. (LegCo use): 240)

Reply:

The Detailed Feasibility Study (DFS) for the Environmentally Friendly Linkage System (EFLS) for Kowloon East (KE) is proceeding with the Stage 2 study to develop a viable EFLS scheme, including the formulation of its network coverage, alignment, station locations, etc., and undertaking of the associated technical assessments to ascertain its feasibility. The study is targeted for completion in 2018.

Operational expenses in 2018-19 under Head 33 for taking forward the DFS for EFLS are mainly personal emoluments of in-house staff working on the project. The details are summarised below:-

Item	Operational Expenses ($ million) (Note 1)	Staffing (Note 2)
DFS for EFLS for KE	2.4	2 professional staff

Note 1: Operational expenses refer to annual staff cost in terms of notional annual mid-point salary value.

Note 2: There are directorate officers overseeing the above project as well as other supporting technical and clerical staff involved. There is no separate breakdown for the personal emoluments of such staff involved.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6118)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Has the Civil Engineering and Development Department engaged arborists to provide tree care and pruning services by means of outsourcing over the past 5 years? If yes, what were the annual values of the outsourced contracts? What were the numbers of tree care, pruning and felling in each of the 5 years? What was the number of trees involved?

Asked by: Hon HUI Chi-fung (Member Question No. (LegCo use): 66)

Reply:

The Civil Engineering and Development Department (CEDD) engages landscape term contractors to provide routine horticultural maintenance for 9 300 trees and undergrowth on land permanently allocated to CEDD. The contractors are required to employ qualified arborists to advise on and supervise arboricultural operations, including tree care, pruning and felling. There is no separate cost breakdown for arborists' services and tree maintenance work as they are subsumed under routine horticultural maintenance.

Nine trees on land permanently allocated to CEDD have been felled in the past five years due to poor health and structural conditions. As mentioned above, tree care and pruning form part of routine horticultural maintenance, and we have not compiled any separate statistics on such work.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6377)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

The Government indicated that the planning and detailed design for the proposed public landing facility and related marine works in Lei Yue Mun would be conducted. It was known that additional provision of rock-armoured bund and gabion walls was required in Lei Yu Mun on account of last typhoon strike. What is the expenditure so involved? What is the current progress of works? Has the Government considered taking further measures to defend against severer weather conditions in future? If so, what are the details? If not, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. (LegCo use): 1)

Reply:

The Civil Engineering and Development Department (CEDD) commenced in December 2017 the construction of the rock-armoured bund and gabion walls at Lei Yue Mun seafront at an estimated cost of about $3.5 million. The construction has achieved about 40% work done by end of February 2018 and is anticipated to be substantially completed by mid this year.

Apart from the above works, further measures are being/to be provided to guard the area from severe weather conditions. The gabion/concrete walls being constructed by the Home Affairs Department at some sections of the footpath along Lei Yue Mun seafront are targeted for completion by the third quarter of 2018. The Drainage Services Department will also install tide gauges for monitoring of water level and provide appropriate typhoon precautionary measures, including stop-logs and sandbags for use during flood risks.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5324)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

Among the performance measures under this Programme, the estimated length of road to be constructed for development will be 22 200 m in 2018, more than a double from the actual length of road constructed for development in 2017. Would the Government advise the major reasons for the increase in road length, major distribution of the increased road length and details of the projects involved?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 312)

Reply:

The increase in road length in 2018 is attributed mainly to the new roads of about 19 km long to be completed under the "Liantang / Heung Yuen Wai Boundary Control Point - Site Formation and Infrastructure Works" project. Apart from that, there are 3.2 km long roads to be completed under other infrastructure projects in various locations of the territory.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5327)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

The detailed feasibility study for the Environmentally Friendly Linkage System (EFLS) for Kowloon East (KE) will be completed in this financial year. Would the Government advise:

1. the anticipated release date of the study results in this financial year;

2. the work at the next stage upon release of the results;

3. whether the Government will shelve the project, in case the study results suggest relatively low feasibility of the EFLS for KE; if not, whether the Government has made or will make contingency plans? What are the details involved?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 314)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

The Detailed Feasibility Study (DFS) for the EFLS for KE is proceeding with the Stage 2 study, which is to develop a viable EFLS scheme, including the formulation of its network coverage, alignment, station locations etc, and the conduct of the associated technical assessments to ascertain its feasibility. The study is targeted for completion in 2018. The way forward and implementation programme of the EFLS project would be formulated upon completion of the DFS.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5329)

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (4) Slope Safety and Geotechnical Standards

Controlling Officer: Director of Civil Engineering and Development (LAM Sai-hung)

Director of Bureau: Secretary for Development

Question:

It is stated in the "Matters Requiring Special Attention in 2018-19" that the Government will "build community resilience and enhance government preparedness for landslide disasters, in view of the increasing risk arising from climate change, increasing population and slope deterioration".

This is a new item for this year's estimate. Would the Government illustrate with examples the specific work plan or measures involved therein?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 315)

Reply:

To enhance community resilience and preparedness against landslide disasters, the Civil Engineering and Development Department (CEDD) will, for example, organise the following events and activities to raise public vigilance of the increasing landslide risk arising from climate change, increasing population and slope deterioration and educate the public of the precautionary measures during heavy rain:

(a) media events and briefings;
(b) thematic and roving exhibitions;
(c) school talks, seminars and community activities.

The Government's preparedness for landslide disasters will also be enhanced, for example, by :

(a) strengthening information management to ensure effective communication amongst government departments under emergency situations;
(b) developing landslide detection system to facilitate timely emergency response.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5672)

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)

Director of Bureau: Secretary for Development

Question:

1. Please list the numbers of prosecution and disciplinary actions taken by the Electrical and Mechanical Services Department in the past five years.

2. Please list the expenditure of the Electrical and Mechanical Services Department on inspection and enforcement actions, public education and publicity for lifts and escalators in the past five years. Please also list the estimated expenditure of the Department on inspection and enforcement actions, public education and publicity for lifts and escalators in 2018-19.

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 203)

Reply:

1. The number of prosecution and disciplinary actions completed by the Electrical and Mechanical Services Department (EMSD) in respect of mechanical installations safety in the past five years are listed in the following table:

Financial Year	Number of Prosecution Cases	Number of Disciplinary Cases
2017-18 (As of 15 March 2018)	3	1
2016-17	5	1
2015-16	6	0
2014-15	2	0
2013-14	1	2

In 2017-18, in addition to those completed cases as tabulated above, there are two prosecution cases and two disciplinary cases currently under court proceedings and disciplinary proceedings respectively.

2. The expenditure of the EMSD on inspection and enforcement actions, public education and publicity for lifts and escalators in the past five years are listed below:

Financial Year	Expenditure ($ million)
2017-18	36.8*
2016-17	32.6
2015-16	35.9
2014-15	37.8
2013-14	35.5

* Estimated expenditure

In 2018-19, the estimated expenditure on the above work for lifts and escalators is $45.1 million. The increase in expenditure in 2018-19 as compared with 2017-18 is mainly due to stepping up of the promotion of the lift and escalator modernisation schemes through strengthening publicity to Responsible Persons and increasing inspections of lifts and escalators.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6128)

Head: (60) Highways Department

Subhead (No. & title): Not Specified

Programme: (2) District and Maintenance Works
(4) Technical Services

Controlling Officer: Director of Highways (Daniel K W CHUNG)

Director of Bureau: Secretary for Development

Question:

Over the past five years, has the Highways Department engaged any arborists through outsourcing for providing tree maintenance and pruning services? If so, what were the outsourcing contract sums each year? What are the frequency of tree maintenance, pruning and felling per year and the number of trees involved?

Asked by: Hon HUI Chi-fung (Member Question No. (LegCo use): 67)

Reply:

The Highways Department (HyD) is responsible for maintaining vegetation on slopes under its maintenance and within the boundaries of expressways. The department carries out vegetation maintenance through outsourcing to contractors with tree management staff holding qualifications in arboriculture.

Tree maintenance forms part of the maintenance term contracts entered into between HyD and its contractors. Since there is no separate itemisation on the employment of tree management staff under the contracts, a detailed cost breakdown is not available.

The HyD is responsible for maintaining approximately 0.6 million trees. Its contractors conduct regular tree inspections at least once every six months and carry out necessary maintenance operations, such as pruning, pest control and removal of tree branches or, if they pose a hazard to the public, whole trees.

A breakdown on the number of trees removed attributable to health or structural problems, or to vegetation maintenance operations (such as removal of invasive species) in the past five financial years is shown below –

Financial Year	Number of trees removed (rounded to the nearest 100)
2013-14	2 700
2014-15	2 200
2015-16	2 600
2016-17	2 200
2017-18 [Note 1]	1 900

The number of vegetation maintenance and pruning is substantial, and we have not compiled any statistics on such operations.

Note 1:
This is an estimate on the number of trees removed, projected up to the end of March 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6113)

Head: (60) Highways Department

Subhead (No. & title): Not Specified

Programme: (4) Technical Services

Controlling Officer: Director of Highways (Daniel K W CHUNG)

Director of Bureau: Secretary for Development

Question:

The Department states that it will undertake vegetation maintenance for roadside slopes and expressways. Please advise:

(a) What are the expenses involved?

(b) What criteria would the Department adopt in the selection of plant species? Would priority be given to native plants?

(c) Which plants are included in the current species list of the Department?

Asked by: Hon MO Claudia (Member Question No. (LegCo use): 105)

Reply:

The overall expenditure on vegetation management and maintenance in 2017 was $55 million. The expenditure in a typical year covers regular inspections, maintenance operations, regular Tree Risk Assessment and Management exercises, tree risk mitigation measures and monitoring of high-risk trees.

As regards plant species selection, the Highways Department follows the principles of "Right Plant, Right Place" and vegetation diversity while having regard to amenity, functional, ecological and maintainability considerations as well as site conditions and constraints. Generally speaking, the department gives priority to native plant species. While the department has not maintained its own species list, it has been referring to the "Technical Guidelines on Landscape Treatment for Slopes" issued by the Civil Engineering and Development Department when selecting tree species for roadside slopes and expressways.

– End –

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5606)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

a) What were the project details and expenditures involved in the restoration of historic buildings in the past 3 years?

b) Further to the above, what were the project details and expenditures in connection with privately-owned monuments and public monuments in the past 3 years respectively?

Asked by: Hon CHAN Tanya (Member Question No. 137)

Reply:

a) Under the Financial Assistance for Maintenance Scheme (FAS) administered by the Development Bureau, the private owners of graded historic buildings can apply for financial assistance for repairing and maintaining their historic buildings. Non-profit-making organisations that lease government-owned declared monuments or graded historic buildings can also apply. If an application is approved, a grant is given on a reimbursement basis. With effect from 21 November 2016, the grant ceiling was raised from $1 million to $2 million. Information about the restoration and maintenance projects completed in the past three years (i.e. 2015-16 to 2017-18) that were supported by FAS grants is provided at **Annex I**.

b) Information about the restoration and maintenance projects at privately owned declared monuments that were completed in the past three years (i.e. 2015-16 to 2017-18) is provided at **Annex II**. Restoration and maintenance of government-owned declared monuments are under the purview of various government works departments or non-government bodies, which are responsible for maintaining the declared monuments in accordance with lease conditions.

Restoration and maintenance projects at historic buildings under FAS completed in the past three years (i.e. 2015-16 to 2017-18)

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Tin Hau Temple, Fung Chi Tsuen, Yuen Long	Restoration of the roof of Gate House, Main Hall and Incense Pavilion	January 2015	October 2015	1,000,000
First Church of Christ Scientist, Mid-levels	Restoration of the roof and drainage system of Church building, cracks repair and repaint to the exterior and interior walls	January 2015	February 2016	1,000,000
Ip Ancestral Hall, Lin Ma Hang Tsuen, Sha Tau Kok	Restoration of the roof, walls, entrance door, timber cockloft and the shrine, and remove the concrete eaves and purlins	August 2015	February 2016	1,000,000
No. 8 San Lau Street, Sha Tau Kok	Restoration of the roof, structural repair to slab and beam	March 2015	March 2016	1,000,000
Tat Yan Study Hall, Shan Ha Tsuen, Yuen Long (Phase II)	Restoration of the roof and shrine	July 2015	March 2016	810,000
Ancestral Hall (Middle Hall) of Tsang Tai Uk, Shatin	Restoration of roof, repair ceremonial screens and upgrading of electrical system	December 2015	May 2016	1,000,000
Lai Mansion, Lai Uk Tsuen, Pat Heung, Yuen Long	Restoration of the roof of entrance hall, roof ridges and other maintenance works	March 2016	July 2016	1,000,000
Shrine of Tin Sam Tsuen, Yuen Long	Repair of roof, main door, brick wall, altar and other maintenance works	June 2016	October 2016	936,000
No. 60 Kat Hing Street, Tai O	Repair of spalled concrete, brickwork, rendering and waterproofing on roof	April 2016	December 2016	1,000,000
No. 71 San Wai Tsuen, Yuen Long	Repair and waterproofing works on the roof and related drainage rectification works and other maintenance works	July 2016	December 2016	896,020
St. Stephen's Chapel, St. Stephen's College, Stanley	Repair of roof water leakage and repaint affected areas and concrete repair	August 2016	December 2016	1,000,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Yuen Kwan Tai Temple, Yuen Long	Repair of roof of Main Hall and Incense Pavilion	September 2016	April 2017	1,000,000
No. 21 San Lung Tsuen, San Tin, Yuen Long	Repair of the roof, main door, brick wall, floor finishes and other maintenance works	May 2016	May 2017	965,000
No. 22 San Lung Tsuen, San Tin, Yuen Long	Repair of the roof, main door, brick wall, floor finishes and other maintenance works	May 2016	May 2017	1,000,000
Kowloon Bowling Green Club, Tsim Sha Tsui	Repair of roofs and other maintenance works	February 2017	September 2017	2,000,000
Tin Hau Temple, Lam Tsuen, Tai Po (Phase II)	Repair the roof and ridges at Side Halls; wall restoration at Side Halls and other maintenance works	June 2017	October 2017	1,000,000

Restoration and maintenance projects completed at privately owned declared monuments in the past three years (i.e. 2015-16 to 2017-18)

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Contract Sum ($)
Man Mo Temple, Tai Po	Roof and electrical repairs and drainage investigation	April 2015	June 2015	984,750
Kun Lung Wai, Lung Yeuk Tau, Fanling	Repair of enclosing walls	September 2014	July 2015	774,240
Morrison Building, Hoh Fuk Tong, Tuen Mun	Urgent repair	January 2015	July 2015	466,000
Hung Shing Temple, Ap Lei Chau	Repair and restoration works for two timber poles	January 2015	October 2015	969,000
St. John's Cathedral, Garden Road, Central (Phase 2)	External renovation and repair works	March 2015	October 2015	1,737,300
Tin Hau Temple, Causeway Bay	Repair works	July 2015	November 2015	756,500
Tang Ancestral Hall, Ha Tsuen, Yuen Long	Consultancy and project management service for full restoration of Tang Ancestral Hall	July 2009	December 2015	480,000
Tang Ancestral Hall (Yau Kung School), Ha Tsuen, Yuen Long	Restoration and improvement works	April 2014	December 2015	363,600
Tang Ancestral Hall, Ha Tsuen, Yuen Long	Restoration and improvement works	April 2014	December 2015	766,400
A package consisting of the following sites: a) I Shing Temple, Yuen Long b) Hau Ku Shek Ancestral Hall, Sheung Shui	Minor repair works	October 2015	December 2015	175,000
The Helena May, Central (Phase 2)	Repair and improvement works	May 2015	January 2016	2,090,000
Tang Kwong U Ancestral Hall, Kam Tin, Yuen Long	Cleaning of brick walls and granite surfaces	January 2016	January 2016	8,300
Tung Wah Museum, Yau Ma Tei	Consultancy service to provide cartographic survey	February 2013	February 2016	380,000
Fat Tat Tong, Sha Tau Kok	Consultancy service to provide conservation management plan	September 2014	February 2016	300,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Contract Sum ($)
Fat Tat Tong, Sha Tau Kok	Consultancy service to provide cartographic survey	November 2014	February 2016	260,000
Residence of IP Ting-sz, Lin Ma Hang, Sha Tau Kok	Re-roofing, redecoration and repair works	October 2015	February 2016	910,000
A package consisting of the following sites: a) Cheung Shan Monastery, Ping Che, Fanling b) Leung Ancestral Hall, Pat Heung, Yuen Long c) Chik Kwai Study Hall, Pat Heung, Yuen Long d) Yan Tun Kong Study Hall, Ping Shan, Yuen Long	Minor repair works	November 2015	February 2016	160,000
King Law Ka Shuk, Tai Po	Repair of roofs at side chambers	March 2016	June 2016	248,080
Chik Kwai Study Hall, Pat Heung, Yuen Long	Provision of metal working platform and access for inspection	June 2016	June 2016	68,600
Tang Ancestral Hall, Ping Shan, Yuen Long	Repairs and maintenance works	December 2015	August 2016	613,000
Fat Tat Tong, Sha Tau Kok	Structural and drainage investigations and minor repair works	January 2016	August 2016	585,900
Kan Yung Study Hall, Sha Tau Kok	Minor repair works	January 2016	September 2016	245,000
Man Lun Fung Ancestral Hall, San Tin, Yuen Long	Drainage cleaning and underground drainage maintenance works	August 2016	October 2016	38,000
Yeung Hau Temple, Ha Tsuen, Yuen Long	Drainage investigation and maintenance works	July 2016	November 2016	613,500
Kun Lung Wai, Lung Yeuk Tau, Fanling	Provision of water barriers to cordon off the bulged enclosing walls	November 2015	December 2016	46,800
A package consisting of the following sites: a) The Rock Inscription, Joss House Bay, Sai Kung b) Kang Yung Study	Minor repair works	March 2016	December 2016	245,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Contract Sum ($)
Hall, Sha Tau Kok				
Tai Fu Tai, San Tin, Yuen Long	Reconstruction of pond fences	July 2016	December 2016	230,700
A package consisting of the following sites: a) I Shing Temple, Yuen Long b) Cheung Shan Monastery, Ping Che, Fanling c) Kang Yung Study Hall, Sha Tau Kok	Consultancy service to provide cartographic survey	January 2011	January 2017	425,000
Lo Wai, Lung Yeuk Tau, Fanling	Major repair to entrance tower and enclosing walls (Phase 2)	April 2016	January 2017	3,089,600
A package consisting of the following sites: a) Cheung Shan Monastery, Ping Che, Fanling b) Man Mo Temple, Tai Po c) Tin Hau Temple, Lung Yeuk Tau, Fanling d) Yu Kiu Ancestral Hall, Ping Shan, Yuen Long e) Kun Lung Gate Tower, Lung Yeuk Tau, Fanling f) Cheung Chun Yuen, Kam Tin, Yuen Long g) Tsui Sing Lau Pagoda, Ping Shan, Yuen Long h) Leung Ancestral Hall, Pat Heung, Yuen Long i) Tang Ancestral Hall, Ping Shan, Yuen Long	Minor repair works	September 2016	January 2017	455,000
Tung Wah Museum, Yau Ma Tei	Consultancy service to provide structural investigation and maintenance works	January 2016	March 2017	2,220,000
Tang Kwong U Ancestral Hall, Kam Tin, Yuen	Minor repair works	December 2016	March 2017	158,500

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Contract Sum ($)
Long				
Liu Man Shek Tong Ancestral Hall, Sheung Shui	Major structural repair (Phase 1)	February 2016	March 2017	1,878,000
Man Mo Temple, Sheung Wan	Building condition and paint removal investigation works	December 2016	July 2017	668,000
Chik Kwai Study Hall, Pat Heung, Yuen Long	Structural timber repair	January 2017	July 2017	821,000
Yu Kiu Ancestral Hall, Ping Shan, Yuen Long	Urgent repair	June 2017	July 2017	20,100
Tang Chung Ling Ancestral Hall, Fanling	Roof structural repairs	June 2016	December 2017	3,691,100
A package consisting of the following sites: a) Yeung Hau Temple, Ha Tsuen, Yuen Long b) Tang Ancestral Hall, Ping Shan, Yuen Long c) Tang Ancestral Hall, Ha Tsuen, Yuen Long d) Tin Hau Temple, Causeway Bay e) Cheung Shan Monastery, Ping Che, Fanling f) Cheung Ancestral Hall, Shan Ha Tsuen, Yuen Long	Minor repair works	October 2017	December 2017	451,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Contract Sum ($)
A package consisting of the following sites: a) Leung Ancestral Hall, Pat Heung, Yuen Long b) King Law Ka Shuk, Tai Po c) Tsui Sing Lau Pagoda, Ping Shan, Yuen Long d) Lo Wai Enclosing Walls, Lung Yeuk Tau, Fanling e) Hung Shing Temple, Kau Sai Chau, Sai Kung f) Tang Kwong U Ancestral Hall, Kam Tin, Yuen Long g) Kun Lung Gate Tower, Lung Yeuk Tau, Fanling h) Chik Kwai Study Hall, Pat Heung, Yuen Long	Minor repair works	November 2017	December 2017	381,000
Yu Kiu Ancestral Hall and Tsui Sing Lau Pagoda, Ping Shan, Yuen Long	Consultancy service to provide cartographic survey	December 2010	December 2017	290,000
Tat Tak Communal Hall, Ping Shan, Yuen Long	Restoration of rear hall and associated works	January 2017	February 2018	2,596,000
Yi Tai Study Hall, Kam Tin, Yuen Long	Repair works	November 2017	January 2018	330,400
Residence of Ip Ting Sz, Lin Ma Hang, Sha Tau Kok	Kitchen roof and wall repair works	July 2017	February 2018	906,500
Tang Chung Ling Ancestral Hall, Fanling	Urgent structural support works to middle hall	January 2018	February 2018	710,000
A package consisting of the following sites: a) Tin Hau Temple, Lung Yeuk Tau, Fanling b) Yu Kiu Ancestral Hall, Ping Shan, Yuen Long	Repair works	November 2017	March 2018	467,750

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5607)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Please provide the details of and expenditure on the support provided to the Antiquities Authority on matters relating to the preservation and conservation of built heritage and the secretariat support provided to the Antiquities Advisory Board in the past three years.

Asked by: Hon CHAN Tanya (Member Question No. 138)

Reply:
The Antiquities and Monuments Office (AMO) under the Leisure and Cultural Services Department is the executive arm of the Antiquities Authority (AA). It provides professional advice and support to the AA on declaration and conservation of monuments under the Antiquities and Monuments Ordinance (Cap. 53). AMO also provides secretariat and executive support to the Antiquities Advisory Board (AAB) in conserving places of historical and archaeological interest. In discharging its functions, AMO conducts studies and research on built heritage and presents the findings to the AAB to facilitate its discussions about historic buildings' grading and heritage impact assessments concerning proposed development works. With AMO's support, the AAB has endorsed nine heritage impact assessment reports, graded 122 historic buildings (including "nil grade") and advised the AA on the declaration of nine monuments and one proposed monument in the past three financial years. The recurrent expenditures of AMO in 2015-16, 2016-17 and 2017-18 were $94.84 million, $94.80 million and $107.82 million respectively.

The Commissioner for Heritage's Office (CHO) under the Development Bureau is responsible for formulating the Government's policy on built heritage conservation and overseeing its implementation, including providing policy guidance to AMO. The expenditures of CHO in 2015-16, 2016-17 and 2017-18 were $47.63 million, $51.89 million and $61.86 million respectively.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4104)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding the restoration, repair and maintenance projects for historic buildings, structures and sites completed in the past 5 years or to be completed in the coming year, what are the provisions for these projects as well as the details and the dates of commencement and completion of the works?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 996)

Reply:

Under the Financial Assistance for Maintenance Scheme (FAS) administered by the Development Bureau, the private owners of graded historic buildings can apply for financial assistance for repairing and maintaining their historic buildings. Non-profit-making organisations that lease government-owned declared monuments or graded historic buildings can also apply. If an application is approved, a grant is given on a reimbursement basis. With effect from 21 November 2016, the grant ceiling was raised from $1 million to $2 million.

Information about the restoration and maintenance projects supported by FAS grants that were completed in the past five years (i.e. 2013-14 to 2017-18), and those expected to be completed in the coming year (i.e. 2018-19) is provided at the **Annex**.

A. Projects completed in the past five years (i.e. 2013-14 to 2017-18)

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Lim House, Shap Pat Heung, Yuen Long	Restoration of the roof, walls, doors, windows and balconies	December 2012	April 2013	1,000,000
Hung Shing Temple, Ping Shan, Yuen Long, Phase II	Restoration of the roof and wall at the entrance hall and main hall	March 2013	July 2013	1,000,000
Jamia Mosque, Sheung Wan, Phase II	Installation of new waterproofing system at the roof	March 2013	July 2013	950,000
Kau Yan Church, Sai Ying Pun, Phase II	Repair of the spalling concrete	July 2013	November 2013	1,000,000
Earth God Shrine, Sheung Shui	Restoration of the walls and ground slab of the shrine	November 2013	December 2013	390,000
Kowloon Union Church, Jordan	Upgrading of the storm water and waste water systems	August 2012	July 2014	1,000,000
Tin Hau Temple, Kam Tin, Yuen Long, Phase II	Restoration of the eaves boards and granite plaque	August 2013	July 2014	980,000
Holy Trinity Cathedral, Kowloon City	Restoration of the higher roof	September 2013	July 2014	958,000
Entrance gate of Mong Tseng Wai, Yuen Long	Restoration of the roof, walls, floors and upgrading of electrical system	June 2014	October 2014	789,000
Holy Spirit Seminary, Wong Chuk Hang	Installation of new waterproofing system at the roof	September 2014	December 2014	999,960
Tin Hau Temple, Lam Tsuen, Tai Po	Restoration of the roof	July 2014	January 2015	1,000,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Tao Fong Shan Christ Temple, Shatin	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	January 2015	February 2015	931,420
Tin Hau Temple, Fung Chi Tsuen, Yuen Long	Restoration of the roof of Gate House, Main Hall and Incense Pavilion	January 2015	October 2015	1,000,000
First Church of Christ Scientist, Mid-levels	Restoration of the roof and drainage system of Church building, cracks repair and repaint to the exterior and interior walls	January 2015	February 2016	1,000,000
Ip Ancestral Hall, Lin Ma Hang Tsuen, Sha Tau Kok	Restoration of the roof, walls, entrance door, timber cockloft and the shrine, and remove the concrete eaves and purlins	August 2015	February 2016	1,000,000
No. 8 San Lau Street, Sha Tau Kok	Restoration of the roof, structural repair to slab and beam	March 2015	March 2016	1,000,000
Tat Yan Study Hall, Shan Ha Tsuen, Yuen Long (Phase II)	Restoration of the roof and shrine	July 2015	March 2016	810,000
Ancestral Hall (Middle Hall) of Tsang Tai Uk, Shatin	Restoration of roof, repair ceremonial screens and upgrading of electrical system	December 2015	May 2016	1,000,000
Lai Mansion, Lai Uk Tsuen, Pat Heung, Yuen Long	Restoration of the roof of entrance hall, roof ridges and other maintenance works	March 2016	July 2016	1,000,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Shrine of Tin Sam Tsuen, Yuen Long	Repair of roof, main door, brick wall, altar and other maintenance works	June 2016	October 2016	936,000
No. 60 Kat Hing Street, Tai O	Repair of spalled concrete, brickwork, rendering and waterproofing on roof	April 2016	December 2016	1,000,000
No. 71 San Wai Tsuen, Yuen Long	Repair and waterproofing works on the roof and related drainage rectification works and other maintenance works	July 2016	December 2016	896,020
St. Stephen's Chapel, St. Stephen's College, Stanley	Repair of roof water leakage and repaint affected area and concrete repair	August 2016	December 2016	1,000,000
Yuen Kwan Tai Temple, Yuen Long	Repair of roof of Main Hall and Incense Pavilion	September 2016	April 2017	1,000,000
No. 21 San Lung Tsuen, San Tin, Yuen Long	Repair of roof, main door, brick wall, floor finishes and other maintenance works	May 2016	May 2017	965,000
No. 22 San Lung Tsuen, San Tin, Yuen Long	Repair of roof, main door, brick wall, floor finishes and other maintenance works	May 2016	May 2017	1,000,000
Kowloon Bowling Green Club, Tsim Sha Tsui	Repair of roofs and other maintenance works	February 2017	September 2017	2,000,000
Tin Hau Temple, Lam Tsuen, Tai Po, Phase II	Repair the roof and ridges at Side Halls; wall restoration at Side Halls and other maintenance works	June 2017	October 2017	1,000,000

B. Projects expected to be completed in the coming year (i.e. 2018-19)

Name of Building	Scope of Works	Works Status	Approved Amount ($)
Municipal Services Staff Recreation Club (Hooper Hall), King's Park, Kowloon	Restoration of the roof and drainage system, repaint walls and ceiling, floor cracks repair	In progress	991,000
Kwan Tai Temple, Tai O	Repair of roof and timber members and other maintenance works	To be carried out	1,995,450
Tin Hau Temple, Tai O	Repair of roof water leakage and repaint affected area and concrete repair	To be carried out	1,051,835
Sik Lo, Shap Pat Heung, Yuen Long	Repair of roofs of Main Hall and Side Halls, restoration of murals at Main Hall and Entrance Hall	To be carried out	2,000,000
No. 14 Tai O Market Street, Tai O	Repair of roof, doors and windows, concrete repair and other maintenance works	To be carried out	1,000,000
Law Ancestral Hall, Po Sam Pai Village, Tai Po	Repair of roof at entrance hall, timber cockloft, brick walls, altar and other maintenance works	To be carried out	2,000,000
St. Andrew's Church Compound, Tsim Sha Tsui	Repair of cracks and wall plaster, repainting of internal and external walls and other maintenance works	To be carried out	1,761,740

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4105)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

What are the project name, location, duration and expenditure incurred for each of the archaeological surveys and excavations conducted in the past five years and scheduled for the coming year?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 997)

Reply:

The number of archaeological surveys and excavations conducted in each of the past five years and the expenditures incurred are set out below:

Year	**Number of archaeological surveys and excavations arising from small-scale development projects**	**Districts**	**Expenditure ($'000)**
2013-14	8	Sai Kung and Islands	733
2014-15	10	Tai Po, Sai Kung, Tuen Mun and Islands	817
2015-16	7	Sai Kung and Islands	801
2016-17	5	Tuen Mun, North District and Islands	799
2017-18	4	Tuen Mun and Islands	824 (Estimated)

As the archaeological surveys and excavations were executed through several service contracts, an expenditure breakdown for individual surveys and excavations is not available.

It is anticipated that six archaeological surveys and excavations arising from small-scale development projects in Yuen Long, Islands, Sai Kung, Tuen Mun, Tai Po and North District will be carried out in 2018-19 at an estimated expenditure of about $810,000.

- End -

Examination of Estimates of Expenditure 2018-19 Reply Serial No.

DEVB(W)159

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4757)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding the maintenance and related conservation costs incurred by the grading of historic buildings in the past 5 years, please provide a detailed breakdown of the conservation-related costs and the expenditures involved. How many graded historic buildings were involved? What are the estimated expenditures on the conservation of graded historic buildings for the coming year? How many buildings will be involved?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 4053)

Reply:

Under the Financial Assistance for Maintenance Scheme (FAS) administered by the Development Bureau, the private owners of graded historic buildings can apply for financial assistance for repairing and maintaining their historic buildings. Non-profit-making organisations that lease government-owned declared monuments or graded historic buildings can also apply. If an application is approved, a grant is given on a reimbursement basis. With effect from 21 November 2016, the grant ceiling was raised from $1 million to $2 million.

Information about the restoration and maintenance projects supported by FAS grants that were completed in the past five years (i.e. 2013-14 to 2017-18), and those expected to be completed in the coming year (i.e. 2018-19) is provided at the **Annex**.

A. Projects completed in the past five years (i.e. 2013-14 to 2017-18)

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Lim House, Shap Pat Heung, Yuen Long	Restoration of the roof, walls, doors, windows and balconies	December 2012	April 2013	1,000,000
Hung Shing Temple, Ping Shan, Yuen Long, Phase II	Restoration of the roof and wall at the entrance hall and main hall	March 2013	July 2013	1,000,000
Jamia Mosque, Sheung Wan, Phase II	Installation of new waterproofing system at the roof	March 2013	July 2013	950,000
Kau Yan Church, Sai Ying Pun, Phase II	Repair of the spalling concrete	July 2013	November 2013	1,000,000
Earth God Shrine, Sheung Shui	Restoration of the walls and ground slab of the shrine	November 2013	December 2013	390,000
Kowloon Union Church, Jordan	Upgrading of the storm water and waste water systems	August 2012	July 2014	1,000,000
Tin Hau Temple, Kam Tin, Yuen Long, Phase II	Restoration of the eaves boards and granite plaque	August 2013	July 2014	980,000
Holy Trinity Cathedral, Kowloon City	Restoration of the higher roof	September 2013	July 2014	958,000
Entrance gate of Mong Tseng Wai, Yuen Long	Restoration of the roof, walls, floors and upgrading of electrical system	June 2014	October 2014	789,000
Holy Spirit Seminary, Wong Chuk Hang	Installation of new waterproofing system at the roof	September 2014	December 2014	999,960
Tin Hau Temple, Lam Tsuen, Tai Po	Restoration of the roof	July 2014	January 2015	1,000,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Tao Fong Shan Christ Temple, Shatin	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	January 2015	February 2015	931,420
Tin Hau Temple, Fung Chi Tsuen, Yuen Long	Restoration of the roof of Gate House, Main Hall and Incense Pavilion	January 2015	October 2015	1,000,000
First Church of Christ Scientist, Mid-levels	Restoration of the roof and drainage system of Church building, cracks repair and repaint to the exterior and interior walls	January 2015	February 2016	1,000,000
Ip Ancestral Hall, Lin Ma Hang Tsuen, Sha Tau Kok	Restoration of the roof, walls, entrance door, timber cockloft and the shrine, and remove the concrete eaves and purlins	August 2015	February 2016	1,000,000
No. 8 San Lau Street, Sha Tau Kok	Restoration of the roof, structural repair to slab and beam	March 2015	March 2016	1,000,000
Tat Yan Study Hall, Shan Ha Tsuen, Yuen Long (Phase II)	Restoration of the roof and shrine	July 2015	March 2016	810,000
Ancestral Hall (Middle Hall) of Tsang Tai Uk, Shatin	Restoration of roof, repair ceremonial screens and upgrading of electrical system	December 2015	May 2016	1,000,000
Lai Mansion, Lai Uk Tsuen, Pat Heung, Yuen Long	Restoration of the roof of entrance hall, roof ridges and other maintenance works	March 2016	July 2016	1,000,000

Name of Building	Scope of Works	Works Commencement Date	Works Completion Date	Approved Amount ($)
Shrine of Tin Sam Tsuen, Yuen Long	Repair of roof, main door, brick wall, altar and other maintenance works	June 2016	October 2016	936,000
No. 60 Kat Hing Street, Tai O	Repair of spalled concrete, brickwork, rendering and waterproofing on roof	April 2016	December 2016	1,000,000
No. 71 San Wai Tsuen, Yuen Long	Repair and waterproofing works on the roof and related drainage rectification works and other maintenance works	July 2016	December 2016	896,020
St. Stephen's Chapel, St. Stephen's College, Stanley	Repair of roof water leakage and repaint affected area and concrete repair	August 2016	December 2016	1,000,000
Yuen Kwan Tai Temple, Yuen Long	Repair of roof of Main Hall and Incense Pavilion	September 2016	April 2017	1,000,000
No. 21 San Lung Tsuen, San Tin, Yuen Long	Repair of roof, main door, brick wall, floor finishes and other maintenance works	May 2016	May 2017	965,000
No. 22 San Lung Tsuen, San Tin, Yuen Long	Repair of roof, main door, brick wall, floor finishes and other maintenance works	May 2016	May 2017	1,000,000
Kowloon Bowling Green Club, Tsim Sha Tsui	Repair of roofs and other maintenance works	February 2017	September 2017	2,000,000
Tin Hau Temple, Lam Tsuen, Tai Po, Phase II	Repair the roof and ridges at Side Halls; wall restoration at Side Halls and other maintenance works	June 2017	October 2017	1,000,000

B. Projects expected to be completed in the coming year (i.e. 2018-19)

Name of Building	Scope of Works	Works Status	Approved Amount ($)
Municipal Services Staff Recreation Club (Hooper Hall), King's Park, Kowloon	Restoration of roof and drainage system, repaint walls and ceiling, floor cracks repair	In progress	991,000
Kwan Tai Temple, Tai O	Repair of roof and timber members and other maintenance works	To be carried out	1,995,450
Tin Hau Temple, Tai O	Repair of roof water leakage and repaint affected area and concrete repair	To be carried out	1,051,835
Sik Lo, Shap Pat Heung, Yuen Long	Repair of roof of Main Hall and Side Hall, restoration of murals at Main Hall and Entrance Hall	To be carried out	2,000,000
No. 14 Tai O Market Street, Tai O	Repair of roof, doors and windows, concrete repair and other maintenance works	To be carried out	1,000,000
Law Ancestral Hall, Po Sam Pai Village, Tai Po	Repair of roof at entrance hall, timber cockloft, brick walls, altar and other maintenance works	To be carried out	2,000,000
St. Andrew's Church Compound, Tsim Sha Tsui	Repair of cracks and wall plaster, repainting of internal and external walls and other maintenance works	To be carried out	1,761,740

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5792)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Please provide the following information regarding the engagement of outsourced services and use of employment agencies by the Antiquities and Monuments Office over the past year.

Number of outsourced workers	Expenditure involved

Number of agency workers	Expenditure involved

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 119)

Reply:

The information regarding the engagement of outsourced services and use of employment agencies by the Antiquities and Monuments Office in 2017-18 is set out below –

Number of outsourced workers [Note]	Estimated expenditure ($ million)
125	17.49

Number of agency workers	Estimated Expenditure ($ million)
12	1.25

Note

Including workers providing cleansing and security services, and those stationed at venues/offices assisting with venue management.

- End -

Examination of Estimates of Expenditure 2018-19 Reply Serial No.

DEVB(W)161

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5793)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding the attendance at public education and publicity programmes under "Heritage", the note (in the Estimates) remarked that "The higher attendance in 2016 was due to the overwhelming response to the docent service provided during the open days of King Yin Lei and Government House in the second half of 2016." However, since open days were launched for King Yin Lei and Government House in 2017 as well, the note above did not present a logical explanation for the attendance drop of 12.9% in 2017. Would the Department explain further on this?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 120)

Reply:

In 2016 and 2017, respectively 49 762 and 43 354 people attended public education and publicity programmes under "Heritage". The higher attendance in 2016 can mainly be attributable to two fewer open days at King Yin Lei in 2017 because of slope repair works there in the first half of 2017, and, to a certain extent, to a higher number of visitors to Government House on its open days in 2016 than in 2017.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5796)

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not Specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding the public education and publicity programmes organised by the Antiquities and Monuments Office, please inform this Committee of the following:

1. What are the attendance figures for each of these public education and publicity programmes including seminars, meetings, workshops and heritage tours? Please breakdown by programmes and the categories of the participants, viz. members of the Friends of Heritage (FOH) Scheme and the general public.

2. How many members does the FOH Scheme have currently? What is the ratio of the Scheme members to the general public in participating in public activities?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 123)

Reply:

To promote heritage conservation, the Antiquities and Monuments Office (AMO) has launched the Friends of Heritage Scheme (FOH) and the Young Friends of Heritage Scheme (YFOH), with the latter targeting secondary school students under the age of 18. Currently, there are altogether 595 members under the two schemes. Each year, AMO organises separate educational activities for the general public and FOH/YFOH members. A breakdown of attendance in 2017 is shown below:

Educational Activities		Attendance
Heritage Tours	General Public	23 270
	FOH/YFOH Members	549
Workshops	General Public	7 057
	FOH/YFOH Members	89
Open Days	General Public	12 225
	FOH/YFOH Members	-
Lectures/Seminars/Others	General Public	1 891
	FOH/YFOH Members	1 409
	Total	**46 490**

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5187)

Head: (118) Planning Department

Subhead (No. & title): Not specified

Programme: (1) Territorial Planning

Controlling Officer: Director of Planning (Raymond LEE)

Director of Bureau: Secretary for Development

Question:

Under Programme (1) of Head 118, the Planning Department (PlanD) will continue this year to provide strategic planning input to Lantau development including the Lantau Development Advisory Committee and its subcommittees, the finalisation of the Sustainable Lantau Blueprint and its follow-up actions, and other related studies including the proposed Planning and Engineering study on Sunny Bay Reclamation and the Technical Study on Development at Siu Ho Wan and the Associated Transport Infrastructure. Please advise on the estimated expenditure of PlanD for this area of work for the coming year.

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 581)

Reply:

The Territorial Planning Branch of the Planning Department (PlanD) will continue to provide planning advice on and inputs to the spatial planning and conservation aspects related to the Sustainable Lantau Blueprint from a strategic planning perspective. Since the bulk of the work is mainly undertaken as part of the overall duties of the staff of PlanD, we are unable to provide a breakdown on the estimated expenditure solely for this area of work.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5609)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

1) Please advise on the Government expenditures on and prices for purchasing Dongjiang (DJ) water in the past 5 years; the Government expenditure on and price for purchasing DJ water in 2017-18; the expiry date of the current contract for purchasing DJ water; whether the Government holds regular discussions with the Mainland on the quantity and price of DJ water purchased, and if yes, the details.

2) What is the estimated expenditure on the study of the construction of desalination facilities in 2018-19? If the study findings show that the cost of seawater desalination is lower than that of purchasing DJ water, will the Government immediately review the sources of water supply in Hong Kong and construct the desalination facilities?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 140)

Reply:

1. The expenditures on purchasing Dongjiang (DJ) water in the past five years including 2017 are tabulated below:-

Year	Expenditure on purchasing DJ water ($ million)	Average Unit Purchase Price# ($/cubic metres)
2013	3,743.30	4.6
2014	3,959.34	4.8
2015	4,222.79	5.1
2016	4,491.52	5.5
2017	4,778.29	5.8

#The average unit price is determined according to the annual supply ceiling of 820 million cubic metres.

The current agreement for supply of DJ water commenced on 1 January 2018 and will expire on 31 December 2020. As the current "package deal lump sum" payment approach has been adopted in the DJ water supply agreements for more than ten years since its first application in 2006, it is considered an appropriate time to review the approach. We have thus set up a working group with the Guangdong authorities to take forward the review. The review is expected to be completed before the negotiation for the next supply agreement in 2020.

2. In November 2015, the Water Supplies Department (WSD) commissioned consultants for the design of the first stage of the proposed desalination plant at Tseung Kwan O (TKO). The estimated expenditure of the consultancy study in 2018-19 is $20.0 million. Although the estimated unit water production cost of the desalination plant is higher than that of using DJ water, desalinated water is not susceptible to climate change (such as unforeseen drought condition) and is unaffected by the keen competition for DJ water resource in the Mainland arising from rapid economic development. We are going to build the first stage of the desalination plant at TKO and will keep under constant review the water supply and demand management measures, including the composition of the various water resources, namely rainwater from local catchment, DJ water, seawater for flushing, desalinated water, reclaimed water and grey water recycling / rainwater harvesting, to ensure water security in Hong Kong.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5623)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Please advise on the Government expenditures on and prices for purchasing Dongjiang (DJ) water in the past 5 years; the Government expenditure on and price for purchasing DJ water in 2018-2019; the expiry date of the current contract for purchasing DJ water; whether the Government holds regular discussions with the Mainland on the quantity and price of DJ water purchased, and if yes, the details.

What is the estimated expenditure on the study of the construction of desalination facilities in 2018-2019? If the study findings show that the cost of seawater desalination is lower than that of purchasing DJ water, will the Government immediately review the sources of water supply in Hong Kong and construct the desalination facilities?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 154)

Reply:

The expenditures on purchasing (DJ) water in the past five years are tabulated below:-

Year	**Expenditure on purchasing DJ water ($ million)**	**Average Unit Purchase Price# ($/cubic metre)**
2013	3,743.30	4.6
2014	3,959.34	4.8
2015	4,222.79	5.1
2016	4,491.52	5.5
2017	4,778.29	5.8

#The average unit price is determined according to the annual supply ceiling of 820 million cubic metres.

The estimated expenditure on purchasing DJ water in 2018 is $4,792.59 million. The estimated average unit price, determined according to the annual supply ceiling of 820 million cubic metres, is $5.8 per cubic metre.

The current supply agreement for DJ water commenced on 1 January 2018 and will expire on 31 December 2020. As the current "package deal lump sum" payment approach has been adopted in the DJ water supply agreements for more than ten years since its first application in 2006, it is considered an appropriate time to review the approach. We have thus set up a working group with the Guangdong authorities to take forward the review. The review is expected to be completed before the negotiation for the next supply agreement in 2020.

In November 2015, the Water Supplies Department commissioned consultants for the design of the first stage of the proposed desalination plant at Tseung Kwan O (TKO). The estimated expenditure of the consultancy study in 2018-19 is $20.0 million. Although the estimated unit water production cost of the desalination plant is higher than that of using DJ water, desalinated water is not susceptible to climate change (such as unforeseen drought condition) and is unaffected by the keen competition for DJ water resource in the Mainland arising from rapid economic development. We are going to build the first stage of the desalination plant at TKO and will keep under constant review the water supply and demand management measures, including the composition of the various water resources, namely rainwater from local catchment, DJ water, seawater for flushing, desalinated water, reclaimed water and grey water recycling / rainwater harvesting, to ensure water security in Hong Kong.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5624)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

In 2018-19, will the Government conduct study on the control of prefabricated modular building units with pipes from China to ensure that no harmful substances such as heavy metals exist in the pipes of the units? If yes, what are the details and expenditures involved?

Will the Government review the effectiveness of the Water Safety Plan in 2018-2019? If yes, what are the details and expenditures involved?

Will the Government follow the example of the United Kingdom and establish a Water Regulation Authority for holistic monitoring of Hong Kong's waterworks, including reviewing operation of water suppliers, continuous improvement of waterworks laws and ensuring the compliance of water quality with World Health Organization's guidelines in 2018-2019?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 155)

Reply:

1. The Water Supplies Department (WSD) is conducting an in-house study to formulate a mechanism for inspection and approval of plumbing works in modular building units to be prefabricated outside Hong Kong to ensure their compliance with the requirements in the Waterworks Regulations. It is expected that the study will be completed by end-2018. As in-house professional/technical staff members have been deployed to undertake the study as part of their daily duties, we do not have separate breakdown for the expenditures on the study.

2. The WSD has incorporated the Water Safety Plan (WSP) for WSD in the newly established Drinking Water Quality Management System of WSD (DWQMS), which has been implemented since July 2017. A steering group comprising directorate staff of WSD

will conduct annual review of the DWQMS to take into account findings of regular audits of the DWQMS and experience in overseas and local water safety incidents, and recommend improvement measures to the DWQMS as and when necessary.

The WSD has also launched the Quality Water Supply Scheme for Buildings – Fresh water (Management System) (QMS) since November 2017 to encourage building owners or property management agents to develop and implement WSPs to safeguard water quality in their buildings based on risk management. As the QMS was launched only recently, WSD will review the effectiveness of the WSP for Buildings based on the implementation experience of QMS at an appropriate time with a view to improving the guidelines and templates of the WSP continually.

3. The Government will set up a dedicated team led by a Principal Government Engineer (PGE), the post of which is yet to be created, for monitoring WSD's performance in respect of drinking water safety in an independent manner. Subject to approval of the Finance Committee of the Legislative Council, we plan to create the proposed PGE post in 2018-19.

The dedicated team will carry out its own regular audits and surprise checks, and arrange additional external audits through engaging independent auditing firms, as and when necessary, on WSD's quality system for supplying potable water.

Development Bureau commenced in April 2018 a detailed study on a drinking water safety regulatory regime suitable for Hong Kong. It is expected that the detailed study will take about 18 months to complete. Subject to further development of the regulatory regime, Development Bureau will review the final set-up of the dedicated team in due course.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5657)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

What were the specific expenditures on purchasing Dongjiang (DJ) water and the specific quantities of DJ water purchased in the past 5 years? What were the specific expenditures on treating DJ water in the past 5 years? What were the quantities and values of DJ water discharged into the sea without being used in the past 5 years? What are the estimated expenditure on purchasing DJ water and the estimated quantity of DJ water to be purchased in 2018-2019? What is the estimated expenditure on treating DJ water?

Asked by: Hon CHAN Tanya (Member Question No. (LegCo use): 188)

Reply:

In the past five years, the annual supply ceiling in Dongjiang (DJ) water supply agreements was 820 million cubic metres and the expenditures on purchasing DJ water are tabulated as follows:-

	2013	**2014**	**2015**	**2016**	**2017**
Expenditure on purchasing DJ water ($ million)	3,743.30	3,959.34	4,222.79	4,491.52	4,778.29

Raw water entering water treatment works includes both locally collected rain water (local water) and imported DJ water, and they are treated together. Therefore, there is no separate breakdown on the expenditures for the treatment of DJ water. The expenditures on treating raw water in water treatment works in the past five years are tabulated as follows:-

	2013-14	2014-15	2015-16	2016-17	2017-18 (up to Feb 2018)
Recurrent expenditure on treating raw water in water treatment works ($ million)	256.0	268.2	271.0	280.6	230.5

There was no discharge of DJ water into the sea in the past five years.

In 2018, the estimated expenditure on purchasing DJ water is $4,792.59 million and the annual supply ceiling in the DJ water supply agreement is 820 million cubic metres.

In 2018-19, it is expected that there will be no major change in the operation mode as well as the recurrent expenditure to be incurred in treating raw water in water treatment works. As explained above, there is also no separate breakdown on the estimated expenditure for treating DJ water alone.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No.4498)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Please provide the respective frequency of "water suspension", its duration and reasons in the 18 districts over the past 5 years in table format.

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 628)

Reply:

Water supply interruptions caused by operation of the Water Supplies Department are usually due to repair of Government water main bursts and leaks. Such water supply interruptions by districts in the past five years are tabulated below.

District	Fresh Water					Salt Water				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Central & Western	326	235	242	214	213	171	156	129	106	146
Eastern	218	182	263	247	186	199	140	228	229	183
Islands	283	317	237	326	378	1	0	0	0	1
Southern	267	260	291	289	277	79	56	104	71	83
Wan Chai	312	176	38	56	134	206	137	53	53	132
Kowloon City	264	253	275	231	145	239	177	231	214	167
Kwun Tong	286	231	154	155	106	206	182	122	146	142
Sham Shui Po	151	123	130	108	91	127	121	105	97	68
Wong Tai Sin	76	73	62	61	64	74	72	69	67	61
Yau Tsim Mong	202	218	198	194	172	219	217	182	170	111
North	404	371	505	633	501	0	2	1	1	2
Sai Kung	475	390	428	446	387	33	28	45	31	29
Sha Tin	264	252	256	230	170	98	112	90	64	54
Tai Po	284	314	338	284	195	45	46	47	39	26

District	Fresh Water					Salt Water				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Kwai Tsing	216	189	187	199	179	163	159	113	165	140
Tuen Mun	325	186	248	165	130	96	53	42	45	66
Tsuen Wan	199	254	243	235	214	116	135	121	145	136
Yuen Long	1 490	1 560	1 525	1 321	1 336	1	1	4	6	19
Total	**6 042**	**5 584**	**5 620**	**5 394**	**4 878**	**2 073**	**1 794**	**1 686**	**1 649**	**1 566**

The numbers of fresh water supply interruptions that lasted for three hours or less and those lasted for more than three hours in the past five years are tabulated below.

Duration of Fresh Water Supply Interruption	2013	2014	2015	2016	2017
Three hours or less	4 944	4 561	4 593	4 425	3 960
More than three hours	1 098	1 023	1 027	969	918
Total	**6 042**	**5 584**	**5 620**	**5 394**	**4 878**

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4499)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Please provide more on the details and implementation timetable of the "Action Plan on Enhancing Drinking Water Safety in Hong Kong".

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. (LegCo use): 629)

Reply:

The Government announced the Action Plan for Enhancing Drinking Water Safety in Hong Kong (Action Plan) on 21 September 2017 with a view to safeguarding the drinking water quality in Hong Kong. The Action Plan comprises five components, including (i) drinking water standards and enhanced water quality monitoring programme (Enhanced Programme), (ii) plumbing material control and commissioning requirements for new plumbing installations, (iii) Water Safety Plans (WSP), (iv) publicity and public education, and (v) water safety regulatory regime.

The details of the Action Plan are available on the website of the Water Supplies Department (WSD) (http://wsd.gov.hk/en/actionplan). The salient measures of the Action Plan are given below.

The Government has established the Hong Kong Drinking Water Standards which currently adopt the guideline values/provisional guideline values of the World Health Organization's Guidelines for Drinking-water. The WSD commenced the Enhanced Programme in December 2017 to monitor the drinking water quality at consumers' taps and collect local water quality data for review of the Hong Kong Drinking Water Standards for six metals, namely antimony, cadmium, chromium, copper, lead and nickel that could be present in an internal plumbing system.

The WSD has implemented measures to enhance plumbing material control including enhancing its General Acceptance system which pre-approves plumbing products that can meet the statutory material standards. Moreover, the WSD has tightened up the commissioning of new plumbing installations. In the inspection of new plumbing

installations, material check will be conducted for soldered pipe joints. In addition, the WSD introduced in July 2017 a systematic flushing protocol for new plumbing installations with a view to reducing metal leaching from the new pipes and fittings. Furthermore, with effect from January 2018, 6-hour stagnation water samples are required to be taken for testing the content of the six metals mentioned above to ensure that the new plumbing installations have been adequately flushed.

In promoting the WSP for Buildings to building owners and property management agents with a view to preventing the contamination of the internal plumbing systems during their operation, the WSD has developed guidelines and templates to assist building owners and property management agents to develop and implement WSP for their buildings. Also, the WSD launched the Quality Water Supply Scheme for Buildings – Fresh Water (Management System) in November 2017 to encourage building owners and property management agents to participate in the scheme.

The WSD has enhanced publicity and public education on the safe use of water through various channels such as dedicated webpages, leaflets, posters, television and radio Announcements in the Public Interest, public seminars and briefings to different users/stakeholder groups including property management agents and operators of specific premises such as kindergartens, welfare units, schools etc. The WSD will continue with the above publicity and public education measures.

On the front of developing the drinking water safety regime, the Development Bureau (DEVB) commenced a study in April 2018 on a drinking water safety regulatory regime suitable for Hong Kong. Besides, DEVB set up the Drinking Water Safety Advisory Committee in January 2018 with members comprising academics and experts of related fields to give advice to the DEVB on various drinking water safety issues.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4307)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding the Action Plan on Enhancing Drinking Water Safety in Hong Kong, since its implementation up to now, please tabulate: the number of samples tested and their test results, the name list of the public housing estates involved, and the number of the units involved.

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 261)

Reply:

Since we launched the enhanced water quality monitoring programme (Enhanced Programme) in December 2017, we have collected water samples from 177 premises (up to March 2018) including domestic (in both public and private housing) premises and non-domestic premises. The test results of all the water samples collected complied with the Hong Kong Drinking Water Standards which currently adopt the corresponding guideline values/provisional guideline values of the World Health Organization's Guidelines for Drinking-water Quality. The weekly statistics of the water sampling test results are uploaded to the website of the Water Supplies Department.

Participation in the Enhanced Programme is non-mandatory. In order to avoid any adverse effect to the participation in the Programme, we will not reveal the address of the premises with water samples collected unless there is explicit permission from the relevant parties or protection of public health prevails.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4308)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Would the Department reply to the following:

(1) What were the specific expenditures on purchasing Dongjiang (DJ) water and the specific quantities of DJ water purchased in the past 5 years?

(2) What were the quantities and values of DJ water discharged into the sea without being used in the past 5 years?

(3) What are the estimated expenditure on purchasing DJ water and the estimated quantity of DJ water to be purchased in 2018-2019?

Asked by: Hon KWOK Ka-kai (Member Question No. (LegCo use): 262)

Reply:

(1) In the past 5 years, the annual supply ceiling in the Dongjiang (DJ) water supply agreements was 820 million cubic metres and the expenditures on purchasing DJ water were tabulated as follows:-

DJ water	**2013**	**2014**	**2015**	**2016**	**2017**
Purchase price ($ million)	3,743.30	3,959.34	4,222.79	4,491.52	4,778.29

(2) There was no discharge of DJ water into the sea in the past five years.

(3) In 2018, the estimated expenditure on purchasing DJ water is $4,792.59 million and the annual supply ceiling in the DJ water supply agreement is maintained at 820 million cubic metres.

- End -

Examination of Estimates of Expenditure 2018-19 Reply Serial No.

DEVB(W)172

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4319)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L Wong)

Director of Bureau: Secretary for Development

Question:

During 2018-19, the Water Supplies Department will continue to establish the Water Intelligent Network (WIN). In this regard, please inform this Committee of:

1. the progress of establishing WIN in the 18 districts (in tabular format);
2. whether there is any delay in the relevant works; if yes, the details;
3. the involved expenditure on and staff establishment for establishing WIN;
4. the frequency of main bursts or leakage identified by WIN.

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 294)

Reply:

1. The Water Supplies Department (WSD) is progressively establishing the Water Intelligent Network (WIN) by setting up District Metering Areas (DMAs) with monitoring and sensing equipment in the fresh water supply distribution networks. Under the WIN, there will be a total of about 2 000 DMAs in the territory. Among them, 1 400 DMAs are either established or being established under other projects to be linked up with the WIN while the remaining 600 DMAs are being implemented in stages. In addition, we are procuring an Intelligent Network Management System (INMS) for continuous monitoring and analysis of the vast amount of network data collected from the DMAs. We aim to commission the INMS by the end of 2019.

As at January 2018, the numbers of DMAs established by districts are tabulated below:

District	Number of DMA established	Total number of DMA
Central & Western	33	41
Eastern	42	47

District	Number of DMA established	Total number of DMA
Southern	83	118
Wan Chai	27	39
Kowloon City	32	56
Kwun Tong	35	118
Sham Shui Po	36	52
Yau Tsim Mong	27	31
Wong Tai Sin	23	45
Islands	24	92
Kwai Tsing	93	120
North	106	171
Sai Kung	236	268
Shatin	51	218
Tai Po	81	120
Tsuen Wan	94	136
Tuen Mun	94	136
Yuen Long	29	192
Total	1 146	2 000

2. The establishment of the 600 DMAs of the WIN began in 2016-17 after WSD obtained funding for setting up 85 DMAs and the procurement of the INMS as stage 1 of the "Implementation of WIN" project. WSD plans to seek funding approval of the Finance Committee (FC) of the Legislative Council in 2018-19 for setting up a further 275 DMAs. Funding approval for the remaining 240 DMAs will be sought from the FC at a later stage. The overall progress of the WIN project is satisfactory.

3. WSD has engaged consultants for the establishment of the 600 DMAs mentioned in paragraph 2 and deployed six in-house staff for the administration and supervision of the consultants and procurement of the INMS. For the on-going establishment of 85 DMAs, the actual expenditure in 2017-18 and the estimated expenditure in 2018-19 are $25.4 million and $35 million respectively. Subject to funding approval of the FC, WSD will commence establishing another 275 DMAs and targets to spend an additional $50 million in 2018-19.

4. By using the established DMAs under the WIN, WSD has detected around 240 water mains leaks in 2017.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4321)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department is responsible for the operation and maintenance of water supply systems. In this regard, please inform this Committee of:

1. the statistics of frequency of main bursts and leakage in the 18 districts of Hong Kong in the past 5 years: year (2017, 2016, 2015, 2014, 2013)/district, the frequency of bursts, the frequency of leakage;

2. the Replacement and Rehabilitation Programme of Water Mains being carried out / planned in the 18 districts of Hong Kong.

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 296)

Reply:

1. The numbers of water main bursts and leaks in the past 5 years by districts are tabulated below –

District	Burst					Leak				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Central & Western	7	5	7	3	5	698	566	519	532	556
Eastern	10	3	6	11	12	513	424	589	567	421
Islands	0	6	3	9	2	329	346	306	357	422
Southern	0	3	3	4	2	443	381	458	401	427
Wan Chai	10	4	1	3	8	648	402	114	135	305
Kowloon City	29	15	25	18	5	585	553	605	523	370
Kwun Tong	11	28	6	9	6	584	486	381	384	325

Sham Shui Po	19	6	5	4	3	353	318	312	256	267
Wong Tai Sin	5	5	6	0	2	193	187	163	169	154
Yau Tsim Mong	19	19	17	7	4	522	522	443	422	342
North	1	4	7	2	0	921	816	792	817	791
Sai Kung	28	4	6	6	3	875	670	747	706	603
Sha Tin	16	18	8	6	6	454	441	436	443	358
Tai Po	25	16	15	8	3	529	556	525	467	460
Kwai Tsing	46	17	14	10	14	403	380	336	411	355
Tuen Mun	3	4	7	2	6	603	483	464	384	454
Tsuen Wan	4	4	3	6	4	387	418	388	390	361
Yuen Long	24	12	6	8	3	1 991	1 882	1 832	1 595	1 541
Total	257	173	145	116	88	11 031	9 831	9 410	8 959	8 512

2. The Replacement and Rehabilitation of Water Mains programme, which covered about 3 000 kilometres of water mains in the territory, was implemented in stages starting from 2000 and was substantially completed in end 2015. The outstanding works remaining include some connections of the newly replaced/rehabilitated water mains to the customers and a few sections of mainlaying works with difficult site conditions due to heavy traffic, congested underground utilities or noise restriction. They are anticipated to be completed within 2018.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4322)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department is responsible for the operation and maintenance of water supply systems. In this regard, please inform this Committee of:

1. the information of occasions of urgent water suspension in Tsing Yi district in the past 5 years including the dates, time of onset, time of supply resumption, locations, types of water supply and the areas affected (in tabular format);

2. the current water mains replacement / rehabilitation works in progress or in planning in Tsing Yi district;

3. the current inspection works for pumping stations in progress or in planning in Tsing Yi district; and

4. the progress of establishing the Water Intelligent Network in the supply network of Tsing Yi district.

Asked by: KWOK Ka-ki (Member Question No. (LegCo use): 297)

Reply:

1. Details of the emergency suspension of water supply in the Tsing Yi district in the past five years are tabulated in Appendix I. The majority of the cases involved small diameter water mains and/or affected localized areas. Besides, the duration of suspension for about 69% of the cases affecting fresh water supply was less than three hours.

2. The programme of replacement and rehabilitation (the programme) of about 3 000 kilometres aged water mains was implemented in stages starting from 2000. All stages of the programme were substantially completed by the end of 2015. Given the much improved condition of the water supply network after completion of the programme, the Water Supplies Department considers it more effective to sustain the healthiness of the

network by a continuous risk-based assessment of the water mains to determine the need for improvement works including reprovisioning. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains taking into account various factors, such as population and customers served, location, material, age, failure record, pipe size, etc. Based on the risk-based assessment, water mains at Tsing Yi Road and Ching Hong Road near Mayfair Gardens in Tsing Yi district will be reprovisioned in 2018-19.

3. Regular inspections and routine maintenance are carried out for all pumping stations in the Tsing Yi district. Emergency maintenance will be carried out as and when required.

4. Under the Water Intelligent Network, there will be a total of 38 District Metering Areas (DMAs) in the Tsing Yi district. 35 DMAs have been completed and the remaining three are expected to be completed progressively by 2021.

(A) Fresh Water Supply Suspensions in Tsing Yi due to Emergency Repair of Water Mains from 2013 to 2017

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
1	16/1/2013	16/1/2013 13:35	16/1/2013 14:05	11 Tsing Yi Heung Sze Wui Road	11 Tsing Yi Heung Sze Wui Road
2	21/1/2013	21/1/2013 17:10	21/1/2013 18:20	9 Fung Shue Wo Village	9 Fung Shue Wo Village
3	29/1/2013	29/1/2013 15:50	29/1/2013 16:30	No.17-18 Chung Mei Lo Uk Village	No.17 Chung Mei Lo Uk Village
4	1/2/2013	2/2/2013 11:30	2/2/2013 16:00	15 Tsing Yi Road	15 Tsing Yi Road
5	6/2/2013	7/2/2013 12:30	7/2/2013 13:00	Cheung Hang Road near Lamp Post FA6481	Cheung Hang Village No.26-45 and Refuse Collect Point
6	7/2/2013	7/2/2013 15:35	7/2/2013 16:35	Tsing Yi Road near Lamp Post TS0964	29-33 Tsing Yi Road
7	4/3/2013	5/3/2013 14:00	5/3/2013 14:45	86 Tai Wong Ha Resite Area	87 Tai Wong Ha Resite Area
8	23/3/2013	23/3/2013 15:00	23/3/2013 16:00	Cheung Hang Village near Lamp Post FA6482	Cheung Hang Village No. 3-6 and Refuse Collection Point
9	15/5/2013	15/5/2013 15:30	15/5/2013 16:00	Tsing Yi Road near Lamp Post BC0033	Esso Petrol Filling Station
10	29/5/2013	29/5/2013 14:50	29/5/2013 16:00	Tam Kon Shan Road Interchange near Lamp Post FC0587	Irrigation supply
11	6/6/2013	6/6/2013 19:35	6/6/2013 21:45	90B Tai Wong Ha Resite Area	90B Tai Wong Ha Resite Area
12	8/6/2013	8/6/2013 11:30	8/6/2013 13:15	No. 31 St. Paul's Village	No. 19-36 St. Paul's Village
13	10/6/2013	10/6/2013 13:00	10/6/2013 13:30	No.19 Tsing Yu New Village	No.19 Tsing Yu New Village
14	4/7/2013	4/7/2013 13:00	4/7/2013 14:00	No.138 Chung Mei Lo Uk Village	No.138 Chung Mei Lo Uk Village
15	4/7/2013	4/7/2013 14:35	4/7/2013 17:50	No.25 Chung Mei Lo Uk Village	No.25 Chung Mei Lo Uk Village
16	5/7/2013	5/7/2013 19:00	5/7/2013 19:30	No.25 Chung Mei Lo Uk Village	No.17-28 Chung Mei Lo Uk Village

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
17	8/7/2013	9/7/2013 14:40	9/7/2013 15:10	No.7 Tai Wong Ha Resite Village	No.7 Tai Wong Ha Resite Village
18	8/7/2013	12/7/2013 13:10	12/7/2013 13:40	No.21 San Uk Tsuen	No.21 San Uk Tsuen
19	8/7/2013	9/7/2013 10:00	9/7/2013 10:30	No.99 Tai Wong Ha Resite Village	No.99 Tai Wong Ha Resite Village
20	10/7/2013	11/7/2013 10:00	11/7/2013 10:40	81 Tai Wong Ha Resite Area	81 Tai Wong Ha Resite Area
21	12/7/2013	12/7/2013 16:00	12/7/2013 17:30	No.47 Lam Tin Resite Village	No.47 Lam Tin Resite Village
22	14/7/2013	14/7/2013 21:30	15/7/2013 07:40	Sai Tso Wan Road near Lamp Post FB0714	Sai Tso Wan Road, Tsing Tim Street
23	15/7/2013	15/7/2013 18:40	15/7/2013 21:45	Sai Tso Wan Road near Lamp Post FB0714	Sai Tso Wan Road, Tsing Tin Road
24	2/9/2013	2/9/2013 15:15	2/9/2013 18:30	Cheung Tat Road near Lamp Post W1677	Part of Tsing Yi Industrial Centre, Phase 2
25	6/9/2013	6/9/2013 19:00	6/9/2013 20:45	No.89 Tam Kon Shan Road	No.67-77, 79, 83-81, 85 and 87 Tam Kon Shan Road and Public Toilet
26	29/9/2013	29/9/2013 21:05	29/9/2013 21:45	No.29 Lam Tin Resite Village	No.29 of Lam Tin Resite Village
27	4/10/2013	4/10/2013 19:00	4/10/2013 20:30	Tsing Ko Road near Lamp Post AC4512	Tsing Ko Road
28	2/11/2013	3/11/2013 10:30	3/11/2013 12:30	66 Tam Kon Shan Road	66 Tam Kon Shan Road
29	11/11/2013	12/11/2013 10:30	12/11/2013 15:30	Near No.31 St. Paul's Village, Tsing King Road	No.31-36 St. Paul's Village
30	11/11/2013	11/11/2013 23:30	12/11/2013 06:00	No.11 Tsing Yi Heung Sze Wui Road	Tsing Yi Fire Station
31	18/11/2013	19/11/2013 10:00	19/11/2013 11:15	No.58 Chung Mei Lo Uk Village	No.58 Chung Mei Lo Uk Village
32	25/11/2013	25/11/2013 15:30	25/11/2013 17:00	No.20 Tai Wong Ha Resite Village	No.20 Tai Wong Ha Resite Village
33	7/12/2013	7/12/2013 14:00	7/12/2013 16:30	12-14 Yim Tin Kok Village	12-14 Yim Tin Kok Village
34	7/12/2013	7/12/2013 20:00	7/12/2013 21:00	No.20 Lim Tin Resite Village	No.20 Lim Tin Resite Village

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
35	12/12/2013	12/12/2013 14:30	12/12/2013 16:00	Backlane of No.23 Tai Wong Ha Resite Village	No.23 Tai Wong Ha Resite Village
36	13/12/2013	13/12/2013 15:30	13/12/2013 16:30	Chung Mei Road near Lamp Post W0416	Tsing Yi North Substation
37	14/12/2013	14/12/2013 15:10	14/12/2013 17:00	62 Chung Mei Road	62 Chung Mei Road
38	28/12/2013	30/12/2013 09:35	30/12/2013 11:30	Backlane of No.85 Tai Wong Ha Resite Village	No.85 Tai Wong Ha Resite Village
39	14/1/2014	14/1/2014 14:30	14/1/2014 22:45	Ching Hong Road near Tsing Chin Street	Ching Shing Court, Trade Association School, Po Leung Kuk 1983 School, Po Leung Kuk Mrs. Chan Pak Leung School, Tung Wah Group School
40	27/1/2014	29/1/2014 14:00	29/1/2014 16:00	No.35-36 Tsing Fai San Tsuen	No.35-36 Tsing Fai San Tsuen
41	27/1/2014	28/1/2014 15:30	28/1/2014 16:45	No.10 Tai Wong Ha Resite Village	No.10 Tai Wong Ha Resite Village
42	5/2/2014	5/2/2014 19:40	5/2/2014 23:00	7 Chung Mei Lo Uk Village	7 Chung Mei Lo Uk Village
43	11/2/2014	12/2/2014 15:45	12/2/2014 16:40	5 Fung Shue Wo Village	1-9 Fung Shue Wo Village
44	15/2/2014	15/2/2014 14:00	15/2/2014 17:00	24 & 28 Chung Mei Lo Uk Village	24 & 28 Chung Mei Lo Uk Village
45	13/3/2014	13/3/2014 20:30	14/3/2014 00:30	39 Tsing Yi Road	28-38 Tsing Yi Road
46	28/4/2014	29/4/2014 09:00	29/4/2014 10:50	No.41 Lam Tin Resite Village	No.41 Lam Tin Resite Village
47	18/5/2014	18/5/2014 13:00	18/5/2014 14:00	76 Tai Wong Ha Resite Area	76 Tai Wong Ha Resite Area
48	24/5/2014	24/5/2014 14:30	24/5/2014 15:05	No.E2 Fishermen Village	No.E2 Fishermen Village
49	4/6/2014	5/6/2014 10:00	5/6/2014 12:30	88 Tai Wong Ha Village	88 Tai Wong Ha Village
50	12/6/2014	13/6/2014 15:30	13/6/2014 16:10	45 Cheung Mei Lo Uk Village	37-48 Cheung Mei Lo Uk Village
51	10/7/2014	10/7/2014 17:45	10/7/2014 20:45	62 Chung Mei Road	62 Chung Mei Road

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
52	12/7/2014	12/7/2014 12:10	12/7/2014 14:00	65 Chung Mei Lo Uk Village	65 Chung Mei Lo Uk Village
53	19/7/2014	19/7/2014 14:30	19/7/2014 17:00	No.16 Chung Mei Village	No.16 Chung Mei Village
54	8/8/2014	9/8/2014 14:00	9/8/2014 16:00	Near No.2B Liu To Village	4 Houses of Liu To Village
55	11/8/2014	11/8/2014 22:00	12/8/2014 05:00	Tsing Nam Street near Tsing Yi Road	Tsing Yi South Fresh Water Service Reservoir
56	12/8/2014	12/8/2014 05:10	12/8/2014 09:00	30 Tsing Yu New Village	Part of Tsing Yu New Village
57	23/8/2014	23/8/2014 11:00	23/8/2014 12:15	68 Chung Mei Lo Uk Village	68 Chung Mei Lo Uk Village
58	21/9/2014	21/9/2014 12:30	21/9/2014 13:30	No.30 Tai Wong Ha Resite Village	No.30 Tai Wong Ha Resite Village
59	24/9/2014	24/9/2014 20:00	25/9/2014 01:00	No.3 Tsing Yu New Village	No.1-4 Tsing Yu New Village
60	18/10/2014	18/10/2014 19:00	18/10/2014 20:30	37 Tsing Yu New Village	33-38 Tsing Yu New Village
61	3/11/2014	3/11/2014 15:25	3/11/2014 15:40	No.24 Tai Wong Ha Resite Village	No.13-24 Tai Wong Ha Resite Village
62	4/11/2014	4/11/2014 21:35	4/11/2014 22:20	16 Tai Wong Ha Resite Area	16 Tai Wong Ha Resite Area
63	15/11/2014	15/11/2014 13:35	15/11/2014 14:05	58 Chung Mei Lo Uk Village	58 Chung Mei Lo Uk Village
64	3/12/2014	3/12/2014 22:30	4/12/2014 03:00	Tsing Yi Road near Lamp Post FB3353	Tsing Yi South Fresh Water Service Reservoir
65	3/12/2014	3/12/2014 17:30	3/12/2014 23:15	No.67 Lam Tin Resite Village	No.45-67 Lam Tin Resite Village
66	4/12/2014	4/12/2014 19:00	4/12/2014 20:30	Tsing Yi Road near Lamp Post FC3396	Tsing Yi South Fresh Water Service Reservoir
67	18/12/2014	18/12/2014 13:35	18/12/2014 15:30	No.25 Fung Shue Wo Resite Village	No.25-28 Fung Shue Wo Resite Village
68	1/1/2015	2/1/2015 09:20	2/1/2015 11:05	No.133 Chung Mei Lo Uk Village	No.133 Chung Mei Lo Uk Village
69	4/1/2015	4/1/2015 14:05	4/1/2015 16:05	No.21 Fung Shue Wo Village	No.17-24 Fung Shue Wo Village
70	14/1/2015	15/1/2015 10:35	15/1/2015 13:05	No.156 Chung Mei Lo Uk Village	No.149-156 Chung Mei Lo Uk Village
71	23/1/2015	23/1/2015 09:30	23/1/2015 20:30	Tsing Yi Road near Lamp Post AC0779	No.1 Tsing Yi Road

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
72	27/1/2015	27/1/2015 10:15	27/1/2015 12:00	Tsing Yi Hong Wan Road near Lamp Post AC4481	Hong Wan Road Lot No.3678
73	28/1/2015	28/1/2015 14:30	28/1/2015 17:00	No.27 Fung Shue Wo Resite Village	No.27-28 Fung Shue Wo Resite Village
74	2/2/2015	2/2/2015 15:05	2/2/2015 16:00	No.12 Tam Kon Shan Road	No.12 Tam Kon Shan Road
75	5/2/2015	5/2/2015 17:30	5/2/2015 19:00	Tsing Yi Hui Village No.28	Tsing Yi Hui No.25-38
76	16/2/2015	16/2/2015 15:20	16/2/2015 16:05	No.24 Lam Tin Resite Village	No.24 Lam Tin Resite Village
77	17/2/2015	17/2/2015 16:30	17/2/2015 18:05	No.34 Yim Tin Kok Resite Village	No.34 Yim Tin Kok Resite Village
78	19/2/2015	19/2/2015 16:25	19/2/2015 20:00	Cheung Fai Road near Lamp Post W0565	Tsing Yi Salt Water Pumping Station
79	11/3/2015	12/3/2015 13:35	12/3/2015 14:35	No.29 Tai Wong Ha Resite Village	No.30 Tai Wong Ha Resite Village
80	21/3/2015	21/3/2015 17:30	21/3/2015 19:05	No.1 Kau Wa Keng San Village	No.1 Kau Wa Keng San Village
81	24/3/2015	24/3/2015 11:15	24/3/2015 12:45	No.11 Tai Wong Ha Resite Village	No.11 Tai Wong Ha Resite Village
82	28/3/2015	28/3/2015 14:00	28/3/2015 17:30	Sai Tso Wan Road near PH 1857	Kowloon Motor Bus Depot
83	8/4/2015	8/4/2015 11:10	8/4/2015 14:00	No.56 Chung Mei Lo Uk Village	No.56 Chung Mei Lo Uk Village
84	13/4/2015	15/4/2015 09:50	15/4/2015 10:30	No.25 Lam Tin Resite Village	No.25 Lam Tin Resite Village
85	30/4/2015	30/4/2015 10:00	30/4/2015 12:00	No.35 Yim Tin Kok Resite Village	No.35 Yim Tin Kok Resite Village
86	30/4/2015	30/4/2015 15:15	30/4/2015 16:35	No.29 Tai Wong Ha Resite Village	29 Tai Wong Ha Resite Village
87	1/5/2015	1/5/2015 10:00	1/5/2015 18:45	Chung Mei Road near Lamp Post U7277	Cheung Hong Estate, Ching Yeung House, Ching Mui House, Part of Chung Mei Lo Uk Village
88	4/5/2015	4/5/2015 11:00	4/5/2015 12:00	No.88 Tai Wong Ha Resite Village	No.88 Tai Wong Ha Resite Village
89	4/5/2015	4/5/2015	4/5/2015	No.32 Lam Tin	No.21-32 Lam Tin

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
		15:00	16:30	Resite Village	Resite Village
90	6/5/2015	6/5/2015 14:55	6/5/2015 15:45	Backlane of No.38 Chung Mei Lo Uk Village	No.37-48 Chung Mei Lo Uk Village
91	7/5/2015	7/5/2015 16:00	7/5/2015 16:35	No.10 Lam Tin Resite Village	No.10 Lam Tin Resite Village
92	15/5/2015	15/5/2015 03:30	15/5/2015 19:15	Chung Mei Road near Lamp Post U7279	Part of Chung Mei Lo Uk Village, Tsing Yi Ambulance Depot, Cheung Ching Estate (Ching Mui House, Ching Yeung House), Cheung Hong Estate (Hong Wing Estate, Hong Wah House, Hong Fu House, Hong Kwai House, Hong Wo House and Hong Tai House)
93	21/5/2015	27/5/2015 10:05	27/5/2015 11:05	Sai Tso Wan Road near Tsing Tim Street	Construction Site Office at Sai Tso Wan Road
94	12/6/2015	12/6/2015 10:10	12/6/2015 10:45	No.28 Fung Shue Wo Village	No.28 Fung Shue Wo Village
95	17/6/2015	17/6/2015 10:25	17/6/2015 13:00	No.29 Fung Shue Wo Village	No.29 Fung Shue Wo Village
96	18/6/2015	18/6/2015 15:00	18/6/2015 15:30	No.15 San Uk Resite Village	No.9-21 San Uk Resite Village
97	18/6/2015	18/6/2015 18:00	18/6/2015 18:35	Cheung Fai Road near Tsing Yi Industrial Building	Tsing Yi Industrial Building Block C
98	26/6/2015	26/6/2015 15:05	26/6/2015 16:05	Tsing Nam Street near Fire Hydrant 5050	Part of Tsing Nam Street
99	30/6/2015	30/6/2015 14:30	30/6/2015 15:30	No.35 Tai Wong Ha Resite Village	No.35 Tai Wong Ha Resite Village
100	30/6/2015	30/6/2015 10:00	30/6/2015 11:30	No.83 Tai Wong Ha Resite Village	No.83 Tai Wong Ha Resite Village
101	4/7/2015	4/7/2015 11:00	4/7/2015 11:45	No.1 Tsing Fai San Tsuen	No.1-7 Tsing Fai San Tsuen
102	4/7/2015	4/7/2015 14:00	4/7/2015 15:30	No.3 Tsing Fai San Tsuen	No.1-7 Tsing Fai San Tsuen

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
103	14/7/2015	15/7/2015 16:30	15/7/2015 20:00	Tsing Yi Industrial Centre Phase 1, Cheung Fai Road	Tsing Yi Industrial Centre phase 1, Cheung Fai Road
104	20/7/2015	21/7/2015 11:45	21/7/2015 13:00	No.11 Chung Mei Village	No.11 Chung Mei Village
105	25/7/2015	25/7/2015 10:30	25/7/2015 12:00	No.1 Tai Wong Ha Resite Village	No.1 Tai Wong Ha Resite Village
106	25/7/2015	25/7/2015 15:30	25/7/2015 16:00	No.21a San Uk Resite Village	No.21a San Uk Resite Village
107	6/8/2015	6/8/2015 18:50	6/8/2015 21:30	No.7 Fung Shue Wo Resite Village	No.5-8 Fung Shue Wo Resite Village
108	10/8/2015	11/8/2015 01:00	11/8/2015 04:30	Cheung Wan Street near Cheung Ho Street	Cheung Wan Street, Cheung Ho Street, Cheung Fai Road, Cheung Tat Road
109	14/8/2015	19/8/2015 09:35	19/8/2015 11:50	No.36 Chung Mei Lo Uk Village	No.36 Chung Mei Lo Uk Village
110	19/8/2015	19/8/2015 01:00	19/8/2015 12:30	Chung Mei Road near Lamp Post U7276	12 Chung Mei Road
111	19/8/2015	19/8/2015 19:00	19/8/2015 23:30	No.21 Chung Mei Road near Lamp Post U7276	No.12 Chung Mei Road
112	21/9/2015	21/9/2015 14:00	21/9/2015 15:00	Sheung Ko Tan Street near Lamp Post U7344	Sheung Ko Tan Street Refuse Collection Point, Hydrant SN1017
113	7/10/2015	7/10/2015 18:00	7/10/2015 19:30	No.62 Fung Shue Wo Resite Village	No.62 Fung Shue Wo Resite Village
114	29/10/2015	29/10/2015 11:15	29/10/2015 13:40	No.62 Tai Wong Ha Resite Village	No.62 Tai Wong Ha Resite Village
115	30/10/2015	3/11/2015 14:00	3/11/2015 15:10	No.21 San Uk Resite Village	No.21 San Uk Resite Village
116	30/10/2015	3/11/2015 10:30	3/11/2015 11:30	No.23 Fung Shue Wo Resite Village	No.21-24 Fung Shue Wo Resite Village
117	30/10/2015	2/11/2015 10:30	2/11/2015 14:00	No.19 Tai Wong Ha Resite Village	No.19 Tai Wong Ha Resite Village
118	13/11/2015	13/11/2015 18:30	13/11/2015 19:20	Liu To Village near Lamp Post V3771	Part of Liu To Village
119	27/11/2015	27/11/2015 16:00	27/11/2015 20:55	Tsing Yi Heung Sze Wui Road	No.13-15 Tsing Yi Heung Sze Wui Road
120	27/11/2015	27/11/2015	28/11/2015	Tsing Yi Heung Sze	No.13-15 Tsing Yi

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
		21:55	07:30	Wui Road	Heung Sze Wui Road
121	10/12/2015	10/12/2015 11:45	10/12/2015 16:30	No.60 Tsing Yu Street	No.60 Tsing Yu Street
122	12/12/2015	12/12/2015 18:30	12/12/2015 22:30	Tsing Yi Road West near Lamp Post FC4221	Tsing Ma Control Area
123	28/12/2015	28/12/2015 17:00	29/12/2015 10:00	Tsing King Road near Lamp Post FC2249	Po Leung Kuk Castar Primary School, Tsing Yi Park, Tsing Yi Sports Ground, Tsing Yi Swimming Pool
124	4/1/2016	5/1/2016 23:30	6/1/2016 09:30	Tsing Yi Road near Sai Tso Wan Road	Sai Tso Wan Road
125	7/1/2016	7/1/2016 13:45	7/1/2016 15:15	No.59 Tam Kon Shan Road	No.55-65 Tam Kon Shan Road
126	13/2/2016	13/2/2016 11:30	13/2/2016 12:45	Sheung Ko Tan Street near Lamp Post U7344	Refuse Collection Point of Chung Mei Lo Uk Village
127	23/2/2016	23/2/2016 12:30	23/2/2016 15:20	No.14-18 Tsing Tim Street	No.14-18 Tsing Tim Street
128	1/4/2016	1/4/2016 15:30	1/4/2016 17:45	No.53 Lam Tin Resite Village	No.45-67 Lam Tin Resite Village
129	14/4/2016	14/4/2016 17:30	14/4/2016 18:45	Tam Ko Shan Road near Lamp Post AC1725	Hong Kong Cement Tsing Yi Plant
130	20/4/2016	20/4/2016 13:45	20/4/2016 18:30	Chung Mei Road near Lamp Post U7276	No.12 Chung Mei Road
131	15/5/2016	15/5/2016 16:30	15/5/2016 18:30	No.1 San Uk Resite Village	No.1 San Uk Resite Village
132	25/5/2016	25/5/2016 15:15	25/5/2016 17:15	No.15 Fung Shue Wo Resite Village	No.13-16 Fung Shue Wo Resite Village
133	1/6/2016	1/6/2016 10:30	1/6/2016 15:30	Hong Wan Road near Lamp Post AC4481	Open Storage
134	2/6/2016	2/6/2016 20:30	3/6/2016 01:00	Tsing Yi Hong Wan Road near Lamp Post AC4481	Tsing Yi Hong Wan Road
135	8/6/2016	8/6/2016 18:30	8/6/2016 21:10	No.57 Fung Shue Wo Village	No.57 Fung Shue Wo Village

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
136	19/6/2016	19/6/2016 18:15	19/6/2016 19:00	Cheung Fai Road near Lamp Post FB6122	Tsing Yi Salt Water Pumping Station
137	23/6/2016	27/6/2016 17:20	27/6/2016 19:00	Tsing Yi Heung Sze Wui Road near Lamp Post W4878	Tsing Yi Fire Station
138	4/7/2016	5/7/2016 03:35	5/7/2016 06:00	Tsing Sheung Road near Tsing Yi Road	Tsing Sheung Road
139	11/7/2016	12/7/2016 11:40	12/7/2016 13:00	No.2G Tsing Yi Fishermen Village near Lamp Post VA2473	No.1D-2G Fishermen Village
140	12/7/2016	13/7/2016 09:30	13/7/2016 11:15	No.22-23 Tam Kon Shan Road	No.22-23 Tam Kon Shan Road
141	13/7/2016	13/7/2016 18:00	13/7/2016 23:30	No.18-19 Tam Kon Shan Road	No.8-30 Tam Kon Shan Road
142	16/7/2016	16/7/2016 15:30	16/7/2016 17:00	No.26 Tsing Yi Hui	26-32, 36, 37 Tsing Yi Hui
143	27/7/2016	27/7/2016 15:30	27/7/2016 16:40	No.35 Tsing Yi Hui	No.35 Tsing Yi Hui
144	31/7/2016	31/7/2016 16:30	31/7/2016 21:30	No.28 Tsing Yi Hui	No.28 Tsing Yi Hui
145	3/8/2016	3/8/2016 14:00	3/8/2016 15:00	No.2G Tsing Yi Fishermen Village	No.1D-2G Tsing Yi Fishermen Village
146	15/8/2016	15/8/2016 10:30	15/8/2016 17:30	Chung Mei Road near Lamp Post W4015	Chung Mei Road Setting-out Area
147	22/8/2016	24/8/2016 13:45	24/8/2016 16:00	No.31 Fung Shue Wo Resite Village	No.25-38 Fung Shue Wo Resite Village
148	28/8/2016	28/8/2016 17:45	28/8/2016 20:15	No.28 Fung Shue Wo Village	No.28 Fung Shue Wo Village
149	29/8/2016	30/8/2016 10:00	30/8/2016 12:00	No.3 Fung Shue Wo Resite Village	No.3 Fung Shue Wo Resite Village
150	30/8/2016	2/9/2016 10:00	2/9/2016 11:30	No.7 Tsing Fai San Tsuen	No.1-7 Tsing Fai San Tsuen
151	18/9/2016	18/9/2016 17:15	18/9/2016 19:00	F1 Fishermen Village	D - I Fishermen Village
152	3/10/2016	5/10/2016 09:00	5/10/2016 11:35	No.29 Fung Shue Wo Village	No.29 Fung Shue Wo Village
153	20/10/2016	24/10/2016 11:00	24/10/2016 12:30	Cheung Hang Village near Lamp Post S/CH/2X/071	Part of Cheung Hang Village
154	23/10/2016	24/10/2016	24/10/2016	No.34 Tai Wong Ha	No.34 Tai Wong Ha

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
		09:00	12:15	Resite Village	Resite Village
155	26/10/2016	26/10/2016 15:30	26/10/2016 16:45	No.32 Tsing Yi Hui	No.25-32 Tsing Yi Hui
156	8/11/2016	8/11/2016 16:45	8/11/2016 17:30	No.23 Tai Wong Ha Resite Village	No.23 Tai Wong Ha Resite Village
157	8/11/2016	9/11/2016 16:00	9/11/2016 19:45	No.15 Tsing Yi Hui	No.13-20 Tsing Yi Hui
158	13/11/2016	13/11/2016 08:00	13/11/2016 11:30	No.21 Tsing Fai San Tsuen	No.21 Tsing Fai San Tsuen
159	13/11/2016	13/11/2016 14:40	13/11/2016 20:30	No.31 Tai Wong Ha Resite Village	No.13-24 Tai Wong Ha Resite Village
160	13/11/2016	13/11/2016 23:00	14/11/2016 03:15	Tsing Sum Street near Lamp Post FA6869	Tai Wong Ha Resite Village
161	14/11/2016	14/11/2016 14:30	14/11/2016 16:30	No.81 Tai Wong Ha Resite Village	No.81 Tai Wong Ha Resite Village
162	14/11/2016	15/11/2016 09:45	15/11/2016 12:15	No.30 Lam Tin Resite Village	No.30 Lam Tin Resite Village
163	14/11/2016	16/11/2016 11:00	16/11/2016 20:30	No.31-33 Cheung Tat Road	Tsing Yi Industrial Centre Phase II
164	18/11/2016	18/11/2016 10:05	18/11/2016 12:10	No.15 Lam Tin Resite Village	No.15 Lam Tin Resite Village
165	18/11/2016	18/11/2016 13:05	18/11/2016 16:10	No.85 Tai Wong Ha Resite Village	No.85 Tai Wong Ha Resite Village
166	21/11/2016	21/11/2016 12:30	21/11/2016 16:45	No.7 San Uk Resite Village	No.5-8 San Uk Resite Village
167	23/11/2016	23/11/2016 18:20	23/11/2016 20:10	No.62 Lam Tin Resite Village	No.62 Lam Tin Resite Village
168	27/11/2016	27/11/2016 10:35	27/11/2016 18:00	No.4 Tai Wong Ha Resite Village	No.1-4 Tai Wong Ha Resite Village
169	4/12/2016	4/12/2016 08:55	4/12/2016 12:45	No.34 Tai Wong Ha Resite Village	No.13-24 Tai Wong Ha Resite Village
170	8/12/2016	9/12/2016 10:00	9/12/2016 16:45	No.32 Tsing Yi Hui	No.25-32 Tsing Yi Hui
171	12/12/2016	12/12/2016 15:50	12/12/2016 20:40	No.9-10 Tai Wong Ha Resite Village	No.9-10 Tai Wong Ha Resite Village
172	14/12/2016	14/12/2016 17:20	14/12/2016 20:50	No.11 Tai Wong Ha Resite Village	No.5-11 Tai Wong Ha Resite Village
173	19/12/2016	20/12/2016 10:05	20/12/2016 11:45	No.35 Yim Tin Kok Resite Village	No.42-35 Yim Tin Kok Resite Village
174	30/12/2016	30/12/2016 16:00	30/12/2016 19:30	No.87 Tai Wong Ha Resite Village	No.87-90 Tai Wong Ha Resite Village

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
175	1/1/2017	1/1/2017 21:00	2/1/2017 00:01	No.17-18 Tai Wong Ha Resite Village	No.17-18 Tai Wong Ha Resite Village
176	2/1/2017	2/1/2017 16:30	2/1/2017 22:30	No.15-16 Tai Wong Ha Resite Village	No.15-16 Tai Wong Ha Resite Village
177	7/1/2017	8/1/2017 20:15	8/1/2017 21:30	No.20 Tai Wong Ha Resite Village	No.13-24 Tai Wong Ha Resite Village
178	7/1/2017	7/1/2017 04:55	7/1/2017 12:30	No.86 Tai Wong Ha Resite Village	No.86-79 Tai Wong Ha Resite Village
179	19/1/2017	20/1/2017 14:00	20/1/2017 15:00	No.58 Fung Shue Wo Resite Village	No.57-59 Fung Shue Wo Resite Village
180	19/1/2017	20/1/2017 10:15	20/1/2017 10:45	No.11 Tsing Yu New Village	No.9-16, No.25-38, Tsing Yu New Village
181	21/1/2017	21/1/2017 13:00	21/1/2017 15:30	No.60 Lam Tin Resite Village	No.60 Lam Tin Resite Village
182	21/1/2017	21/1/2017 13:30	21/1/2017 15:00	No.32 Lam Tin Resite Village	No.32 Lam Tin Resite Village
183	23/1/2017	23/1/2017 11:00	23/1/2017 15:15	No.64 Lam Tin Resite Village	No.64 Lam Tin Resite Village
184	23/1/2017	25/1/2017 08:45	25/1/2017 12:15	No.60 Tai Wong Ha Resite Village	No.49-60 Tai Wong Ha Resite Village
185	4/2/2017	4/2/2017 15:00	4/2/2017 17:00	46A Yau Kom Tau Tsuen	Yau Kom Tau Tsuen
186	1/3/2017	1/3/2017 13:00	1/3/2017 16:00	No.19 Tai Wong Ha Resite Village	No.19 Tai Wong Ha Resite Village
187	1/3/2017	2/3/2017 09:30	2/3/2017 11:30	No.63 Tam Kon Shan Road	No.63 Tam Kon Shan Road
188	18/3/2017	18/3/2017 17:00	18/3/2017 19:00	No.62 Lam Tin Resite Village	No.62 Lam Tin Resite Village
189	21/3/2017	21/3/2017 09:00	21/3/2017 12:15	No.15A Tsing Fai San Tsuen	No.15A Tsing Fai San Tsuen
190	1/4/2017	1/4/2017 11:05	1/4/2017 14:00	Tsing Yi Hong Wan Road near Lamp Post AC4459	T9 bare chassis lane, HIT Tsing Yi Hong Wan Depot
191	18/4/2017	18/4/2017 16:30	18/4/2017 18:30	No.24 Tam Kon Shan Road	No.20-25 Tam Kon Shan Road
192	22/4/2017	22/4/2017 19:30	22/4/2017 23:00	Refuse Collection Point at Tsing Fai San Tsuen	Refuse Collection Point at Tsing Fai San Tsuen
193	24/4/2017	24/4/2017 18:30	24/4/2017 20:00	Lam Tin Resite Village near Lamp	Lam Tin Resite Village Ancestral

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Post BC1981	Hall
194	24/4/2017	24/4/2017 15:00	24/4/2017 20:15	No.24 Tai Wong Ha Resite Village	No.24 Tai Wong Ha Resite Village
195	10/5/2017	10/5/2017 22:00	10/5/2017 22:30	No.31 Lam Tin Resite Village	No.21-32 Lam Tin Resite Village
196	18/5/2017	19/5/2017 16:10	19/5/2017 18:20	Tsing Keung Street near Lamp Post FA4091	China Merchants Container Service Limited
197	19/5/2017	20/5/2017 11:30	20/5/2017 20:00	Tsing Yi North High Level Fresh Water and Salt Water Pumping Station	Cheung Wang Estate, Cheung Hang Estate, Mount Haven, Liu To Tsuen, Ching Wah Court, Tsing Ma Control Area
198	22/5/2017	22/5/2017 15:35	22/5/2017 17:15	No.84 Chung Mei Lo Uk Village	No.84 Chung Mei Lo Uk Village
199	25/5/2017	29/5/2017 13:45	29/5/2017 15:10	No.60 Lam Tin Resite Village	No.60 Lam Tin Resite Village
200	27/5/2017	29/5/2017 09:30	29/5/2017 11:30	No.17 Lam Tin Resite Village	No.17 Lam Tin Resite Village
201	23/6/2017	27/6/2017 11:15	27/6/2017 14:15	No.59 Chung Mei Lo Uk Village	No.59 Chung Mei Lo Uk Village
202	3/7/2017	3/7/2017 18:45	3/7/2017 22:00	No.25 Lam Tin Resite Village	No.25 Lam Tin Resite Village
203	8/7/2017	8/7/2017 13:45	8/7/2017 18:15	No.23 Tai Wong Ha Resite Village	No.23 Tai Wong Ha Resite Village
204	15/7/2017	15/7/2017 14:00	15/7/2017 17:00	No.40 Tsing Fai San Tsuen	No.32-52 Tsing Fai San Tsuen
205	18/7/2017	19/7/2017 14:00	19/7/2017 15:15	No.35 Fung Shue Wo Village .	No.33-36 Fung Shue Wo Village
206	25/7/2017	26/7/2017 15:00	26/7/2017 17:30	No.5 Tsing Yi Hui Village	No.1-8 Tsing Yi Hui Village
207	28/7/2017	28/7/2017 16:42	28/7/2017 19:40	No.7 Tsing Fai San Tsuen	No.7 Tsing Fai San Tsuen
208	28/7/2017	29/7/2017 10:30	29/7/2017 13:30	No.4 Tsing Yi Hui Village	No.1-4 Tsing Yi Hui Village
209	5/8/2017	5/8/2017 17:30	5/8/2017 21:40	No.26 Fung Shue Wo Tsuen	No.25-29, 37 and 38 Fung Shue Wo Tsuen
210	15/8/2017	16/8/2017 10:26	16/8/2017 17:15	No.48 Fung Shue Wo Village	43-54 Fung Shue Wo Village

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
211	4/9/2017	4/9/2017 17:30	4/9/2017 18:30	No.82 Tai Wong Ha Resite Village	No.82 Tai Wong Ha Resite Village
212	5/9/2017	7/9/2017 14:00	7/9/2017 14:45	No.60 Tsing Yu New Village	No.60-62 Tsing Yu New Village
213	7/9/2017	7/9/2017 16:25	7/9/2017 18:50	No.59 Tsing Yu New Village	No.59 Tsing Yu New Village
214	8/9/2017	8/9/2017 20:30	9/9/2017 00:01	No.59 Tam Kon Shan Road	No.55-63 Tam Kon Shan Road
215	16/9/2017	17/9/2017 09:45	17/9/2017 11:00	Ngong Wan Road near Lamp Post BC0144	Part of Ngong Wan Road
216	18/10/2017	18/10/2017 10:15	18/10/2017 11:45	No. 1 Yim Tin Kok Resite Village	No.1 Yim Tin Kok Resite Village
217	27/10/2017	27/10/2017 13:25	27/10/2017 22:30	Tsing Yi Road near Lamp Post AC 0781	Cheung Ching Estate
218	31/10/2017	31/10/2017 11:00	31/10/2017 11:45	No.1-10 St Paul's Village	No.1-10 St Paul's Village
219	14/11/2017	14/11/2017 12:05	15/11/2017 13:30	No.11 Tsing Yi Heung Sze Wui Road	No.11 Tsing Yi Heung Sze Wui Road
220	4/12/2017	4/12/2017 13:35	4/12/2017 14:35	No.18 Chung Mei Lo Uk Village	No.18 Chung Mei Lo Uk Village
221	8/12/2017	8/12/2017 13:55	8/12/2017 17:05	No.2 Chung Mei Lo Uk Village	No.2 Chung Mei Lo Uk Village
222	24/12/2017	24/12/2017 07:20	24/12/2017 11:00	No.124 Chung Mei Village	No.124 Chung Mei Village

(B) Flushing Water Supply Suspensions in Tsing Yi due to Emergency Repair of Water Mains from 2013 to 2017

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
1	01-01-2013	01-01-2013 07:30	01-01-2013 14:30	Tsing King Road near Lamp Post FC0526	Tsing King Road Bus Terminus Toilet
2	17-01-2013	17-01-2013 04:00	17-01-2013 17:45	Ching Hong Road near Lamp Post W4002	Ching Shing Court
3	24-01-2013	24-01-2013 10:30	24-01-2013 18:30	Fung Shue Wo Road near Tsing Yi Estate and Lamp Post W4064	Tsing Yi Hui, San Uk Tsuen and Tsing Yu New Village
4	29-01-2013	29-01-2013 18:45	30-01-2013 09:30	Tsing Yi Road west near Tsing Chin Street and Lamp Post FC4222	Ching Wah Court
5	03-02-2013	03-02-2013 13:05	03-02-2013 17:20	38 Yim Tin Kok Resite Area	38 Yim Tin Kok Resite Area
6	10-02-2013	10-02-2013 07:50	10-02-2013 17:30	Lin To Road near Lamp Post FA5099	Lin To Road, Tsing Chin Street, Cheung Wang Estate, Cheung Hang Estate, Mount Haven and Ching Wah Court
7	10-02-2013	10-02-2013 18:45	11-02-2013 05:00	Tsing Chin Street near Lamp Post FA4624	Ching Wah Court
8	19-02-2013	19-02-2013 19:00	19-02-2013 20:30	No.36 Tsing Fai San Tsuen	No.32-38 Tsing Fai San Tsuen
9	01-03-2013	01-03-2013 06:40	01-03-2013 14:00	Cheung Wan Street near Lamp Post W4723	Golden Resources Centre, Vigor Industrial Building, Epoch Industrial Building
10	23-03-2013	23-03-2013 18:05	23-03-2013 19:00	No.42 Tsing Yi Hui Village	No.25-38 Tsing Yi Hui Village
11	25-03-2013	25-03-2013 13:05	25-03-2013 14:30	No.39 Tsing Yi Hui Village	No.39-42, No.63 Tsing Yi Hui Village
12	19-04-2013	19-04-2013 09:30	19-04-2013 16:00	Tsing Chin Street near Lamp Post AC0374	Po Leung Kuk Mr & Mrs Chan Pak Keung, Tsing Yi School, Ching Shing

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
					Court, Po Leung Kuk, 980 Broad of Director College
13	16-05-2013	16-05-2013 12:15	16-05-2013 18:00	No.22 Chung Mei Lo UK Village	No.14-28 Chung Mei Lo UK Village
14	20-05-2013	23-05-2013 10:05	23-05-2013 11:00	Tsing Yi Road West near Lamp Post W3553	53-67 Tsing Yi Road
15	08-06-2013	08-06-2013 16:00	08-06-2013 17:00	No.111 Chung Mei Village	No.111-114 Chung Mei Village
16	10-06-2013	10-06-2013 11:30	10-06-2013 17:45	No.19 Tsing Yu New Village	No.17-24 Tsing Yu New Village
17	08-07-2013	08-07-2013 14:00	08-07-2013 16:00	No.52-62 Tsing Yi Road	No.52-62 Tsing Yi Road
18	12-07-2013	12-07-2013 15:45	12-07-2013 18:45	No.82 Tai Wong Ha Resite Village	No.71-99 Tai Wong Ha Resite Village
19	12-08-2013	12-08-2013 17:00	12-08-2013 21:40	No.20 Fung Shue Wo Village	No.17-24 Fung Shue Wo Village
20	13-08-2013	13-08-2013 16:40	14-08-2013 21:30	Chung Mei Road near Lamp Post U7276	12 Chung Mei Road (PCCW Sub-station)
21	14-08-2013	14-08-2013 11:05	15-08-2013 00:30	Cheung Wan Street near Lamp Post W1685	Grand Horizon and 2-10 Cheung Fai Road
22	19-08-2013	20-08-2013 23:15	21-08-2013 01:30	Tsing King Road near Lamp Post FC2251	Tsing King Road, Tsing Luk Street
23	21-08-2013	21-08-2013 10:20	21-08-2013 19:00	Tsing Sum Street near Lamp Post FA6869	Tai Wong Ha Resite Area, Yin Tin Kok Resite Area, San Uk Resite Area, Ham Tin Resite Area
24	29-08-2013	29-08-2013 13:00	29-08-2013 19:30	Tsing King Road near Lamp Post FC0564	Tierra Verde at Tsing King Road
25	15-09-2013	15-09-2013 15:40	15-09-2013 23:50	Tsing King Road near Tsing Luk Street	No.2-188 Tsing King Road, No.1-30 Tsing Luk Street
26	15-09-2013	16-09-2013 00:20	16-09-2013 13:50	Tsing King Road near Tsing Luk Street	No.2-188 Tsing King Road, No.1-30 Tsing Luk Street
27	05-10-2013	05-10-2013 23:30	06-10-2013 07:30	Fung Shue Wo Road near Tsing Sum Street	Tsing Yi North salt water Service Reservoir, Lam Tin

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
					Village, Tai Wong Ha Village, Yim Tin Village, San Uk Village
28	05-10-2013	05-10-2013 17:30	05-10-2013 23:00	Fung Shue Wo Road near Tsing Sum Street	Tsing Yi North Salt Water Service Reservoir, Lam Tin Village, Tai Wong Ha Village, Yim Tin Village, San Uk Village
29	24-10-2013	24-10-2013 10:15	24-10-2013 19:00	Cheung Lung Street near Lamp Post W0572	Part of Cheung Fai Road, Public Toilet
30	02-11-2013	02-11-2013 13:00	02-11-2013 19:30	17 Yim Tim Kok Resite Village	Yim Tim Kok Resite Village
31	03-11-2013	03-11-2013 03:15	03-11-2013 19:00	Fung Shue Wo Road near Lamp Post FB5451	Serene Garden
32	03-11-2013	03-11-2013 13:45	04-11-2013 07:30	Ching Hong Road near Lamp Post W4600	Cheung Ching Estate, Mayfair Gardens, IVE, Parts of Tsing Yi Road
33	04-12-2013	04-12-2013 18:45	05-12-2013 09:00	No.38 Yim Tin Kok Resite Village	No.37-38 Yim Tin Kok Resite Village
34	05-01-2014	05-01-2014 15:15	05-01-2014 20:15	Tsing Luk Street near Tsing Yi Estate Bus Terminus	No.1-45 Tsing Luk Street
35	07-01-2014	07-01-2014 07:40	07-01-2014 11:50	13 San Uk Resite Area	13-16 San Uk Resite Area
36	19-01-2014	20-01-2014 09:10	20-01-2014 11:00	30 Yim Tin Kok Resite Area	30 Yim Tin Kok Resite Area
37	27-01-2014	28-01-2014 10:00	28-01-2014 12:00	No.12-14 San Uk Resite Village	No.10-18 San Uk Resite Village
38	27-02-2014	27-02-2014 17:00	27-02-2014 18:30	48 Lam Tin Resite Area	45-55 Lam Tin Resite Area
39	01-03-2014	02-03-2014 11:00	02-03-2014 13:30	No.44 Tai Wong Ha Resite Village	No.44 Ta Wong Ha Resite Area
40	08-03-2014	08-03-2014 10:30	08-03-2014 13:00	No.41 Chung Mei Lo Uk Village	No.37-48 Chung Mei Lo Uk Village
41	11-03-2014	11-03-2014 18:00	11-03-2014 20:05	Chung Mei Lo Uk Village near Lamp Post W2447	No.67-74 Chung Mei Lo Uk Village
42	11-03-2014	12-03-2014	12-03-2014	17 Yim Tin Kok	Yim Tin Kok Resite

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
		11:00	12:10	Resite Area	Area
43	13-03-2014	13-03-2014 14:00	13-03-2014 19:00	16 Yim Tin Kok Resite Area	Yim Tin Kok Resite Area
44	25-03-2014	26-03-2014 03:00	26-03-2014 06:30	Cheung Fai Road near Lamp Post W0564	No.30-99 Cheung Fai Road
45	31-03-2014	31-03-2014 18:15	31-03-2014 19:35	No.144 Chung Mei Lo Uk Village	No.141-144 Chung Mei Lo Uk Village
46	11-04-2014	11-04-2014 04:00	12-04-2014 00:30	77 Tsing King Road	Serene Garden, Greenfield Garden
47	23-04-2014	23-04-2014 02:45	23-04-2014 15:45	1 Fung Shue Wo Road	Part of Greenfield Garden, Serene Garden
48	11-05-2014	11-05-2014 11:30	11-05-2014 12:35	40 Fung Shue Wo Village	Part of Fung Shue Wo Village
49	12-05-2014	12-05-2014 10:00	12-05-2014 23:30	Chung Mei Road near Lamp Post W4014	Chung Mei Lo Uk Village, Cheung Hong Estate, Ching Shing Court
50	17-05-2014	17-05-2014 16:00	17-05-2014 20:00	No.28 Lam Tin Resite Village	No.21-32 Lam Tin Resite Village
51	19-05-2014	19-05-2014 17:10	19-05-2014 20:00	No.57-58 Chung Mei Lo Uk Village	No.57-58 Chung Mei Lo Uk Village
52	30-05-2014	30-05-2014 19:30	30-05-2014 20:30	4 San Uk Resite Area	4 San Uk Resite Area
53	07-06-2014	07-06-2014 11:20	07-06-2014 18:00	No.60 Lam Tin Resite Village	No.60-61 Lam Tin Resite Village
54	26-06-2014	26-06-2014 04:00	26-06-2014 10:00	39 Tsing Yi Road	29-51 Tsing Yi Road
55	30-06-2014	30-06-2014 09:50	30-06-2014 18:00	62 Chung Mei Road	62 Chung Mei Road
56	06-07-2014	06-07-2014 23:15	07-07-2014 16:15	2 Tsing Chin Street	Tsing Wah Court
57	12-07-2014	12-07-2014 21:00	12-07-2014 22:30	Chung Mei Road near Lamp Post W0421	Chung Mei Lo Uk Village
58	22-07-2014	22-07-2014 14:00	22-07-2014 15:05	No.61 Chung Mei Village	Chung Mei Village
59	25-07-2014	25-07-2014 19:00	26-07-2014 00:30	Tsing Luk Street near Lamp Post FB0979	No.1-30 Tsing Luk Street
60	11-08-2014	11-08-2014 16:05	11-08-2014 17:00	No.30 Chung Mei Lo Uk Village	No.29-36 Chung Mei Lo Uk Village

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
61	19-08-2014	19-08-2014 04:00	19-08-2014 18:30	Ching Hong Road near Lamp Post W4650	Ching Yung House
62	22-10-2014	22-10-2014 22:10	23-10-2014 15:50	47 Fung Shue Wo Village	47-54 Fung Shue Wo Village
63	25-10-2014	25-10-2014 16:30	26-10-2014 06:45	Tsing Yu Street near Lamp Post CC0897	Tsing Yu Sum Village, Fung Shue Wo Village, Tai Wong Ha Resite Village, Yam Tin Kok Village
64	29-10-2014	29-10-2014 07:10	29-10-2014 12:00	No.48 Fung Shue Wo Resite Village	No.47-54 Fung Shue Wo Resite Village
65	18-11-2014	18-11-2014 13:30	19-11-2014 09:30	No.32 Lam Tin Resite Village	No.21-32 Lam Tin Resite Village
66	03-12-2014	03-12-2014 04:30	03-12-2014 14:45	Tsing King Road near Lamp Post FC3095	Villa Esplanada
67	04-12-2014	04-12-2014 10:15	04-12-2014 16:30	No.62 Lam Tin Resite Village	No.58-67 Lam Tin Resite Village
68	08-12-2014	08-12-2014 04:30	08-12-2014 16:30	Tsing Luk Street near Lamp Post W4086	Tsing Yi Garden
69	14-12-2014	14-12-2014 13:00	14-12-2014 16:30	Tsing Yi Road near Lamp Post FC3396	No. 33 Tsing Yi Road (Tierra Verde)
70	14-12-2014	14-12-2014 21:30	15-12-2014 20:30	No.66 Tai Wong Ha Resite Village	No.66-70 Tai Wong Ha Resite Village
71	22-12-2014	22-12-2014 13:55	22-12-2014 14:30	No.155 Chung Mei Village	No.149-156 Chung Mei Village
72	24-12-2014	24-12-2014 07:00	24-12-2014 23:30	Fung Shue Wo Road near Lamp Post W4064	Tsing Yi Estate
73	09-01-2015	09-01-2015 10:30	09-01-2015 20:20	No.9 Lam Tin Resite Village	No.9 Lam Tin Resite Village
74	18-01-2015	18-01-2015 15:00	18-01-2015 16:30	No.16 Chung Mei Lo Uk Village	No.9-16 Chung Mei Lo Uk Village
75	21-01-2015	22-01-2015 09:30	22-01-2015 14:05	No.78 Tai Wong Ha Resite Village	No.75-78 Tai Wong Ha Resite Village
76	28-01-2015	28-01-2015 17:45	29-01-2015 09:00	No.27 Fung Shue Wo Resite Village	No.27-38 Fung Shue Wo Resite Village
77	04-02-2015	04-02-2015 15:45	04-02-2015 22:30	Tam Kon Road near Lamp Post FA5028	Part along Tam Kon Shan Road

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
78	14-02-2015	14-02-2015 13:30	14-02-2015 14:30	D2, St. Paul's Village	D1, D2, E1, E2, F1, F2, G1 and G2 St. Paul's Village
79	21-03-2015	22-03-2015 15:30	22-03-2015 21:30	Liu To Road near Lamp Post FA3540	Part area of Liu To Road, Ching Hong Road and Tsing Yi Road West
80	02-05-2015	02-05-2015 23:30	03-05-2015 07:30	Liu To Road near Lamp Post AC3763	Part area of Liu To Road, Tsing Yi Road West and Tsing Chin Street
81	04-05-2015	04-05-2015 14:30	04-05-2015 18:30	Chung Mei Road near Lamp Post W4019	No.62 Chung Mei Road
82	15-05-2015	18-05-2015 10:10	18-05-2015 21:00	Ching Hong Road near Lamp Post W4651	Cheung Ching Estate
83	13-06-2015	14-06-2015 13:00	14-06-2015 19:30	Tsing Yi Heung Sze Wui Road near Lamp Post W3472	Cheung Wan Street, Cheung Fai Road, Cheung Lung Street, Cheung Tat Road, Cheung Ho Street
84	18-07-2015	18-07-2015 18:30	18-07-2015 22:15	Cheung Fai Road near Lamp Post W0685	Cheung Fai Road, Cheung Tat Road, Cheung Lung Street
85	26-07-2015	26-07-2015 20:00	26-07-2015 22:00	No.16 Tsing Fai San Tsuen	No.16 Tsing Fai San Tsuen
86	08-08-2015	08-08-2015 16:00	08-08-2015 19:30	Cheung Lung Street near Lamp Post W0572	No.11 Cheung Wan Street; No.8-28 Cheung Fai Road; and No.2-28 Cheung Tat Road
87	19-08-2015	19-08-2015 01:10	19-08-2015 14:10	Chung Mei Road near Lamp Post U7276	No.10 Chung Mei Road
88	27-09-2015	27-09-2015 11:50	27-09-2015 17:00	Fung Shue Wo Road near Lamp Post W4056	Sheung Ko Tan Village, Tsing Fai San Tsuen
89	05-10-2015	05-10-2015 18:15	06-10-2015 09:15	No.12 San Uk Resite Village	No.9-12, San Uk Resite Village
90	14-10-2015	14-10-2015 02:35	14-10-2015 17:30	Fung Shue Wo Road near Lamp Post W4100	No.1 Fung Shue Wo Road

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
91	20-11-2015	20-11-2015 15:30	20-11-2015 17:30	Tsing Luk Street near Lamp Post W4081	No.5 Tsing Luk Street
92	27-11-2015	27-11-2015 22:00	28-11-2015 08:30	Tsing Yi Heung Sze Wui Road	Tsing Yi Heung Sze Wui Road
93	29-01-2016	30-01-2016 10:45	30-01-2016 12:45	St. Paul's Village outside D1 slope	St. Paul's Village D1-D5
94	30-01-2016	30-01-2016 14:30	30-01-2016 17:30	No.54 Chung Mei Lo Uk Village	No.49-58 Chung Mei Lo Uk Village
95	07-03-2016	07-03-2016 18:45	07-03-2016 20:30	Fung Shue Wo Village	No.1-8 Fung Shue Wo Village
96	08-03-2016	08-03-2016 12:35	08-03-2016 16:45	No.115 Chung Mei Lo Uk Village	No.115 Cheung Mei Lo Uk Village
97	14-03-2016	14-03-2016 16:30	14-03-2016 19:00	Tam Kon Shan Road near Lamp Post FB0685	Tam Kon Shan Road No.1 Public Toilet
98	31-03-2016	31-03-2016 14:00	31-03-2016 23:45	Tam Kon Shan Road near Lamp Post FA5023	Tam Kon Shan Road
99	19-04-2016	19-04-2016 01:55	19-04-2016 20:30	Liu To Road near Tsing Yi Road West	Ching Wah Court, Tsing Chin Street
100	01-06-2016	01-06-2016 10:30	01-06-2016 17:30	Fung Shue Wo Road near Lamp Post W4120	Tower 5-10 Greenfield Garden
101	03-06-2016	03-06-2016 21:30	04-06-2016 07:00	Tsing Hong Road near Lamp Post W4660	Tsing Yi East Salt Water Service Reservoir, Part of Ching Hong Road, Sai Shan Road
102	17-06-2016	17-06-2016 20:00	18-06-2016 08:00	Tsing Chin Street near Lamp Post FA4625	Tsing Chin Street, Ching Wah Court
103	24-06-2016	25-06-2016 10:00	25-06-2016 18:30	Ching Hong Road near Lamp Post W2536	Ching Hong Road, Tsing Yi Road, Tsing Hung Road, Hong Wan Road, Sai Shan Road, Tsing Sheung Lane
104	25-06-2016	25-06-2016 13:15	27-06-2016 06:45	Tsing King Road near Lamp Post FC0559	Tierra Verde, Tsing Yi Swimming Pool, Tsing Yi Sport Ground, Tivoli Garden, Serene Garden

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
105	04-07-2016	04-07-2016 16:40	05-07-2016 08:00	Tsing Sheung Road near Tsing Yi Road	Tsing Sheung Road
106	08-07-2016	08-07-2016 14:00	08-07-2016 20:30	Ha Ko Tan Street near Lamp Post FA5259	Chung Mei Lo Uk Village
107	08-07-2016	08-07-2016 16:45	08-07-2016 23:30	Fung Shue Wo Road near Lamp Post W4101	Greenfield Garden
108	10-07-2016	10-07-2016 14:00	10-07-2016 20:15	Tsing King Road near Lamp Post FC0562	Tierra Verde, Tsing Yi Sports Ground, Tivoli Garden, Serene Garden
109	12-07-2016	13-07-2016 09:00	13-07-2016 11:30	Tam Kon Shan Road near Lamp Post FD0659	No.37-10 Tam Kon Shan Road
110	02-08-2016	02-08-2016 07:25	02-08-2016 19:30	Tsing Luk Street near Lamp Post FC2256	Tsing Yi Municipal Services Building, Tsing Yi Town Clinic and Po Leung Kuk Castar Primary School
111	05-08-2016	05-08-2016 11:00	05-08-2016 13:00	Outside No.20 Tsing Luk Street	No.30 Tsing Luk Street
112	26-08-2016	26-08-2016 15:30	27-08-2016 00:30	Ching Hong Road near Lamp Post W4651	Mei King, Cheung Ching Estate, Tsing Yi Road
113	08-09-2016	08-09-2016 11:15	09-09-2016 09:00	No.7 Tsing Yi Hui	No.1-8 Tsing Yi Hui
114	28-09-2016	28-09-2016 02:20	28-09-2016 18:30	No.3 Tsing Yi Hui	No.1-3 Tsing Yi Hui
115	04-10-2016	06-10-2016 11:30	06-10-2016 15:50	Tam Kon Shan Road near Lamp Post FB0685	No.132 Tam Kon Shan Road
116	06-10-2016	06-10-2016 17:30	06-10-2016 19:00	No.37 Tsing Yi Hui	No.27-38 Tsing Yi Hui
117	20-10-2016	20-10-2016 08:05	20-10-2016 21:15	Cheung Fai Road near Lamp Post W0572	Tsing Yi Fireboat Fire Station
118	28-10-2016	28-10-2016 06:00	28-10-2016 12:45	No.1 Fung Shue Wo Road	No.1 Fung Shue Wo Road
119	29-10-2016	01-11-2016 22:45	02-11-2016 07:30	Tsing Yi Road near Lamp Post AC0785	Sai Shan Road, Tsing Yi Road, Hong Wan Road,

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
					Tsing Sheung Road, Tsing Hung Road
120	12-11-2016	12-11-2016 21:15	13-11-2016 11:00	Junction of Tsing Yi Road and Tsing Hung Road	Tsing Hung Road
121	15-11-2016	15-11-2016 12:45	15-11-2016 18:00	No.92 Chung Mei Lo Uk Village	No.91-100 Chung Mei Lo Uk Village
122	28-11-2016	28-11-2016 18:45	28-11-2016 23:30	Tam Kon Shan Road near Lamp Post FB0659	No.1 Toilet of Tam Kon Shan Road
123	29-11-2016	29-11-2016 03:25	29-11-2016 23:30	Fung Shue Wo Road near Lamp Post W4064	Tsing Yi Estate, Fung Shue Wo Road
124	04-12-2016	04-12-2016 20:20	05-12-2016 23:00	Chung Mei Road near Lamp Post W0418	Sheung Ko Tan Street, Ha Ko Tan Street, Cheung Hong Estate, Cheung Ching Estate, Ching Shing Court, Chung Mei Lo Uk Village
125	08-12-2016	08-12-2016 19:00	08-12-2016 21:00	No.51 Lam Tin Resite Village	No.45-52 Lam Tin Resite Village
126	12-12-2016	12-12-2016 14:00	12-12-2016 21:45	Tsing Yi Road near Lamp Post AC0818	No.29-51 Tsing Yi Road
127	30-12-2016	30-12-2016 21:15	31-12-2016 05:00	Chung Mei Road near Lamp Post U7285	Chung Mei Lo Uk Village, Cheung Hong Estate, Ching Yeung House, Ching Mui House
128	03-01-2017	03-01-2017 09:40	03-01-2017 20:30	No.1 Tai Wong Ha Resite Village	Tai Wong Ha Resite Village, Lam Tin Resite Village, San Uk Resite Village, Yim Tin Kok Resite Village
129	04-01-2017	04-01-2017 02:35	05-01-2017 00:30	Chung Mei Road near Lamp Post U7285	Cheung Hong Estate
130	06-01-2017	07-01-2017 22:30	08-01-2017 06:00	Junction of Cheung Tat Road and Cheung Ho Street	Cheung Wan Street, Cheung Ho Street, Cheung Tat Road, Cheung Lung Street

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
131	13-01-2017	15-01-2017 11:00	15-01-2017 19:30	Fung Shue Wo Road near Lamp Post W4095	Serene Garden, Tivoli Garden, Tsing Yi Sports Ground, Swimming Pool, Tierra Verde
132	07-02-2017	08-02-2017 00:05	08-02-2017 19:45	Tsing King Road near Lamp Post FA5753	Greenfield Garden, Serene Garden, toilet near Tsing Yi Ferry Terminus, Tivoli Garden, Tsing Yi Park, Tsing Yi Sports Ground, Tsing Yi Swimming Pool, Tierra Verde
133	22-02-2017	22-02-2017 16:05	22-02-2017 19:40	No.37 Tsing Yi Hui	No.37-38 Tsing Yi Hui
134	15-03-2017	15-03-2017 13:15	16-03-2017 08:15	No.1 Fung Shue Wo Road	Greenfield Garden
135	18-05-2017	18-05-2017 10:40	18-05-2017 17:15	No.77 Tai Wong Ha Resite Village	No.75 Tai Wong Ha Resite Village
136	22-06-2017	22-06-2017 09:55	22-06-2017 23:30	Tsing Yi Road near Lamp Post AC0779	Rambler Crest, Petrol Filling Station
137	25-06-2017	25-06-2017 08:10	26-06-2017 09:00	Fung Shue Wo Road near Lamp Post FC1909	Fung Shue Wo Sports Centre, Tsing Yi Estate
138	02-07-2017	02-07-2017 09:15	03-07-2017 09:30	Tsing King Road near Lamp Post AC0607	Tsing Yi Municipal Services Building, Tierra Verde, Tsing Yi Swimming Pool, Tivoli Garden, Tsing Yi Sports Ground
139	14-08-2017	14-08-2017 21:30	15-08-2017 07:30	Ching Hong Road near Lamp Post W3998	Ching Shing Court, Cheung Hong Estate
140	25-08-2017	25-08-2017 15:35	25-08-2017 22:30	Tsing Yi Road near Lamp Post W3552	Tien Chu Industrial Centre
141	29-08-2017	29-08-2017 17:35	30-08-2017 09:00	No.34 Tsing Yu New Village	No.34 Tsing Yu New Village
142	29-08-2017	30-08-2017 11:20	30-08-2017 13:30	Cheung Fai Road near Cheung Lung Street	Cheung Fai Road Public Toilet, Cheung Lung Street, Cheung Tat Road, Cheung Wan Street, part of Grand

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
					Horizon
143	03-10-2017	03-10-2017 13:40	03-10-2017 19:00	No.24 Tai Wong Ha Resite Village	No.13-24 Tai Wong Ha Resite Village
144	16-10-2017	16-10-2017 19:00	16-10-2017 21:15	No.130 Chung Mei Lo Uk Village	No.126-136 Chung Mei Lo Uk Village
145	17-10-2017	18-10-2017 13:50	18-10-2017 14:45	No.127 Chung Mei Lo Uk Village	No.125-130 Chung Mei Lo Uk Village
146	19-10-2017	19-10-2017 20:00	19-10-2017 20:55	No.128 Chung Mei Lo Uk Village	No.128-136 Chung Mei Lo Uk Village
147	04-11-2017	04-11-2017 12:30	04-11-2017 13:30	No.7 Chung Mei Lo Uk Village	No.1-8 Chung Mei Lo Uk Village
148	07-11-2017	07-11-2017 09:10	08-11-2017 11:35	Tsing Chin Street near Lamp Post FA4625	Wah Woon House, Wah Suen House, Ching Wah Court
149	25-11-2017	25-11-2017 17:00	26-11-2017 00:30	Tsing Yi Road near Lamp Post AC0779	Rambler Crest
150	07-12-2017	07-12-2017 04:00	08-12-2017 23:30	Liu To Road near Lamp Post FA5102	Cheung Wang Estate, Cheung Hang Estate

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4323)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply : Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department is responsible for the operation and maintenance of water supply systems. In this regard, please inform this Committee of:

1. the information of occasions of urgent water suspension in Tung Chung district in the past 5 years including the dates, time of onset, time of supply resumption, locations, types of water supply and the areas affected (in tabular format);

2. the current water mains replacement / rehabilitation works in progress or in planning in Tung Chung district;

3. the current inspection works for pumping stations in progress or in planning in Tung Chung district; and

4. the progress of establishing the Water Intelligent Network in the supply network of Tung Chung district.

Asked by: Hon KWOK Ka-ki (Member Question No. (LegCo use): 298)

Reply:

1. Details of the emergency suspension of water supply in the Tung Chung district in the past five years are tabulated in Appendix I. The majority of the cases involved small diameter water mains and/or affected localized areas. Besides, the duration of suspension for about 77% of the cases affecting fresh water supply was less than three hours.

2. The programme of replacement and rehabilitation (the programme) of about 3 000 kilometres aged water mains was implemented in stages starting from 2000. All stages of the programme were substantially completed by the end of 2015. Given the much improved condition of the water supply network after completion of the programme, the Water Supplies Department considers it more effective to sustain the healthiness of the

network by a continuous risk-based assessment of the water mains to determine the need for improvement works including reprovisioning. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains taking into account various factors, such as population and customers served, location, material, age, failure record, pipe size, etc. Based on the risk-based assessment, a section of water mains near the junction of Cheung Tung Road and Tung Chung Waterfront Road in the Tung Chung district will be reprovisioned in 2018-19.

3. Regular inspections and routine maintenance are carried out for all pumping stations in the Tung Chung district. Emergency maintenance will be carried out as and when required.

4. Under the Water Intelligent Network, there will be a total of 15 District Metering Areas (DMAs) in Tung Chung district. Two DMAs have been completed and the remaining thirteen are expected to be completed progressively by 2023.

(A) Fresh Water Supply Suspensions in Tung Chung due to Emergency Repair of Water Mains from 2013 to 2017

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
1	4/2/2013	4/2/2013 18:55	4/2/2013 20:30	Near No. 18, Lung Tseng Tau Tsuen	No.18, Lung Tseng Tau Tsuen
2	11/3/2013	11/3/2013 13:42	11/3/2013 15:20	Near Lamp Post VA5133, Shek Lau Po Village	Lam Che Tsuen
3	11/5/2013	11/5/2013 15:15	11/5/2013 16:30	Near No. 29, Ngau Kwu Long Tsuen	No. 26-29, Ngau Kwu Long Tsuen
4	19/7/2013	19/7/2013 16:15	19/7/2013 17:05	Near Lamp Post VA 4240, Shek Lau Po Tsuen	No. 37-38, Shek Lau Po Tsuen
5	6/9/2013	7/9/2013 09:40	7/9/2013 11:22	Near No.10, Chek Lap Kok New Village	No. 1-8, Chek Lap Kok New Village
6	19/10/2013	19/10/2013 05:00	19/10/2013 07:00	Near No. 96, Ma Wan Chung Tsuen	All premises in Tai Wai Hang Village
7	24/10/2013	24/10/2013 19:00	24/10/2013 19:40	Near No.101, Shek Mun Kap Tsuen	No. 101,Shek Mun Kap Tsuen
8	27/10/2013	27/10/2013 18:05	27/10/2013 20:50	Near No. 10D, Shek Mun Kap Village	No. 10D, Shek Mun Kap Village
9	15/1/2014	15/1/2014 14:20	15/1/2014 15:00	Near No. 32, Ngan Au Tsuen	No. 32, Ngan Au Tsuen
10	27/2/2014	27/2/2014 12:40	27/2/2014 16:00	Near Lamp Post FC1968, Tung Chung Waterfront Road	Tung Chung Waterfront Road (HyD's Site)
11	27/4/2014	27/4/2014 18:10	27/4/2014 19:30	Near No. 70,Shek Mun Kap Tsuen	No. 70,Shek Mun Kap Tsuen
12	29/4/2014	29/4/2014 23:20	29/4/2014 23:59	Near No. 89, Ma Wan Chung Tsuen	No. 89, Ma Wan Chung Tsuen
13	19/5/2014	19/5/2014 13:15	19/5/2014 14:30	At Block 21, Ma Wan New Village	Block 16-28,Ma Wan New Village
14	4/8/2014	4/8/2014 18:00	4/8/2014 19:00	Near Lamp Post BC2500, Tai Wai Hang Tsuen	Tai Wai Hang Tsuen
15	6/8/2014	6/8/2014 14:40	6/8/2014 16:55	Near Lamp Post FC2338, Chung Mun Road	Ngau Au Tsuen
16	27/8/2014	27/8/2014 14:29	27/8/2014 18:33	Near No.16, Lung Tseng Tau Tsuen	Ha Ling Pei, Lung Tseng Tau, Wong Ka Wai

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
17	30/9/2014	30/9/2014 18:50	30/9/2014 19:40	Near No. 124, Ma Wan Chung Tsuen	Near No. 124, Ma Wan Chung Tsuen
18	21/10/2014	21/10/2014 11:35	21/10/2014 13:15	Near No. 24, Ha Ling Pei Tsuen	Ha Ling Pei, Lung Tseng Tau, Wong Ka Wai
19	29/10/2014	29/10/2014 14:50	29/10/2014 18:10	Near Lamp Post FC2327, Chung Yat Street	YMCA of Hong Kong Christian Collage & Caritas Charles Vath College
20	5/1/2015	5/1/2015 09:45	5/1/2015 11:00	Near No. 61B, Ma Wan Chung Tsuen	No. 61-63 Ma Wan Chung Tsuen
21	14/2/2015	14/2/2015 18:00	14/2/2015 22:00	Near No. 5 Chek Lap Kok New Village	No.1-6 Chek Lap Kok New Village
22	27/2/2015	27/2/2015 16:15	27/2/2015 20:15	Near No. 29 Ha Ling Pei Tsuen	No.28, 28A-31 & 31A, Ha Ling Pei Tsuen
23	12/5/2015	12/5/2015 13:53	12/5/2015 19:19	Near Lamp Post FB3502, Ma Wan Chung Tsuen	1-20 Ma Wan Chung Tsuen
24	18/5/2015	18/5/2015 15:00	18/5/2015 15:40	Near No. 11A, Sheung Ling Pei	Lot No. 2543-2546, Sheung Ling Pei
25	29/5/2015	29/5/2015 17:45	29/5/2015 19:45	Near No. 48, Ma Wan Chung Tsuen	No. 42, Ma Wan Chung Tsuen
26	25/7/2015	25/7/2015 11:05	25/7/2015 13:15	Near Lamp Post FB7318, Cheung Tung Road	Fire Hydrants PH266 & PH267 at Cheung Tung Road
27	4/8/2015	4/8/2015 12:40	4/8/2015 15:25	Near Fire Hydrant PH493, Cheung Tung Road	Fire Hydrants PH302, PH493 & Sunny Bay Sewage Pumping Station
28	27/9/2015	27/9/2015 14:35	27/9/2015 17:50	At 1, Ma Wan Tsuen	1 Ma Wan Tsuen, Tung Chung
29	2/11/2015	2/11/2015 15:05	2/11/2015 16:15	Near No.101 Shek Mun Kap Tsuen	No. 101 Shek Mun Kap Tsuen
30	10/12/2015	10/12/2015 09:35	10/12/2015 11:10	Near No. 47, Mok Ka Tsuen	No. 42-47, Mok Ka Tsuen
31	13/12/2015	13/12/2015 16:00	13/12/2015 18:05	Near Lamp Post V4167 Chap Mun Tau, Mok Ka Tsuen	34, 35 & 36 Chap Mun Tau
32	1/2/2016	1/2/2016 14:25	1/2/2016 17:25	Near No. 32C, Ha Ling Pei	Ha Ling Pei
33	6/2/2016	6/2/2016 12:50	6/2/2016 19:40	Near Lamp Post FB8318, On Tung Street	Lantau North Police Station

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
34	1/3/2016	1/3/2016 12:03	1/3/2016 14:40	Near No. 12, Sheung Ling Pei Tsuen	No.12, Sheung Ling Pei Tsuen
35	20/5/2016	20/5/2016 10:50	20/5/2016 12:35	Near No. 106A, Ma Wan Chung Tsuen	No. 98, Ma Wan Chung Tsuen
36	16/7/2016	16/7/2016 18:35	16/7/2016 20:15	At 3, Ma Wan Chung	3, Ma Wan Chung
37	26/7/2016	27/7/2016 00:00	27/7/2016 06:00	Near Tung Chung Pipe Bridge	No. 1, Ma Wan New Village
38	28/7/2016	28/7/2016 11:00	28/7/2016 13:35	Near No. 1, Ma Wan New Village	Whole Tung Chung Area
39	8/9/2016	9/9/2016 00:00	9/9/2016 04:00	Near Yu Tung Road, City Bus Depot	Yat Tung Estate, North Lantau Hospital, Ma Wan Chung, Ngau Au, San Tau Village, Sheung Ling Pei, Ha Ling Pei, Wong Ka Wai, Tseng Tau Village, Mok Ka Tsuen, Shek Mun Kap, Chek Lap Kok New Village, Shek Lau Po
40	11/9/2016	11/9/2016 19:45	11/9/2016 21:00	No. 33A, Ha Ling Pei Village	No. 32-40A Ha Ling Pei Village
41	23/9/2016	23/9/2016 10:15	23/9/2016 12:05	Near No. 116A, Ma Wan Chung Tsuen	No. 116A, Ma Wan Chung Tsuen
42	23/9/2016	23/9/2016 10:45	23/9/2016 12:30	Near No. 124, Ma Wan Chung Tsuen	No. 124, Ma Wan Chung Tsuen
43	2/11/2016	2/11/2016 13:57	2/11/2016 16:53	Near No. 15, Lung Tseng Tau Tsuen	Ha Ling Pei, Lung Tseng Tau, Wong Ka Wai
44	7/12/2016	7/12/2016 14:15	7/12/2016 16:15	Near No. 101, Shek Mun Kap Tsuen	No. 115, Shek Mun Kap Tsuen
45	14/12/2016	14/12/2016 14:20	14/12/2016 15:20	Near No. 18, Lung Tseng Tau	No. 13, 15-18 & 20 Lung Tseng Tau
46	20/12/2016	20/12/2016 11:20	20/12/2016 12:35	Near No. 36, Ha Ling Pei	No. 37, Ha Ling Pei
47	22/12/2016	22/12/2016 13:20	22/12/2016 14:00	Near No. 56, Ha Ling Pei	No.55-56, Ha Ling Pei
48	30/12/2016	30/12/2016 15:30	31/12/2016 16:00	Near Chung Mun Road Sewage Pumping Station	DSD pumping Station at Chung Mun Road

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
49	7/1/2017	7/1/2017 16:00	7/1/2017 19:05	Near Lamp Post YO 404, Cheung Tung Road	DSD Pumping Station
50	10/2/2017	10/2/2017 16:00	10/2/2017 18:00	Near No. 16, Lung Tseng Tau	No.13, Lung Tseng Tau
51	28/2/2017	28/2/2017 14:00	28/2/2017 15:15	Near No. 3, Pak Mong Tsuen	No. 1-3, Pak Mong Tsuen
52	6/3/2017	6/3/2017 16:49	6/3/2017 19:31	Near AMS Tung Chung Office, Ha Ling Pei	Ha Ling Pei, Lung Tseng Tau, Wong Ka Wai
53	13/3/2017	13/3/2017 16:20	13/3/2017 17:20	Near No. 66, Shek Mun Kap Tsuen	No. 65-70, Shek Mun kap Tsuen
54	16/4/2017	16/4/2017 18:10	16/4/2017 20:32	Near 75. Sheung Ling Pei Tsuen	Part of Sheung Ling Pei
55	29/4/2017	29/4/2017 13:32	29/4/2017 15:32	At 55, Sheung Ling Pei Tsuen	55 Sheung Ling Pei Tsuen
56	17/5/2017	17/5/2017 13:10	17/5/2017 16:40	Near No. 66 Shek Mun Kap	No.65-70, Shek Mun Kap
57	18/5/2017	18/5/2017 10:00	18/5/2017 14:25	Near Lamp Post DC1531 Cheung Tung Road Site	Pak Mong Village
58	25/5/2017	25/5/2017 11:40	25/5/2017 13:10	Near No. 123, Ma Wan Chung Tsuen	No. 123, Ma Wan Chung Tsuen
59	31/5/2017	31/5/2017 10:30	31/5/2017 14:00	Near Fire Hydrant PH493, Cheung Tung Road	Sunny Bay Sewage Pumping Station
60	5/6/2017	5/6/2017 18:05	5/6/2017 20:25	Near No. 10A, Ngau Au Tsuen	No. 10A, Ngau Au Tsuen
61	23/6/2017	23/6/2017 14:25	23/6/2017 16:00	Near No.1, Shek Lau Po Tsuen	No.1, Shek Lau Po Tsuen
62	25/7/2017	25/7/2017 17:55	25/7/2017 18:55	Near No. 37, Shek Lau Po	No. 37, Shek Lau Po
63	1/8/2017	1/8/2017 13:40	1/8/2017 15:25	Near Lamp Post FB8147, Pa Mei Road	No.15, Pa Mei Tsuen
64	23/8/2017	24/8/2017 00:08	24/8/2017 04:00	Near PetroChina, Chung Yan Road	PetroChina, Chung Yan Road
65	24/8/2017	24/8/2017 21:12	24/8/2017 22:20	Near No. 9C, Ha Ling Pei	No.8 & 9C, Ha Ling Pei

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
66	5/10/2017	5/10/2017 08:45	5/10/2017 10:35	Near Lamp Post V4167, Shek Mun Kap Tsuen	No, 11, Shek Mun Kap Tsuen
67	15/10/2017	15/10/2017 18:30	15/10/2017 22:10	Near No. 13, Wong Ka Wai Tsuen	No. 12 - 15, Wong Ka Wai Tsuen
68	17/10/2017	17/10/2017 20:18	17/10/2017 22:46	Near 122, Shek Mun Kap Village	122, Shek Mun Kap Village
69	17/10/2017	17/10/2017 09:45	17/10/2017 11:30	Near No. 13, Sheung Ling Pei	No. 12,12F-12H &13, Sheung Ling Pei
70	18/10/2017	18/10/2017 15:45	18/10/2017 16:30	Near Lamp Post VA4238, Shek Lau Po	No. 39, Shek Lau Po
71	27/10/2017	27/10/2017 20:30	27/10/2017 22:00	Near No.28, Wong Ka Wai Tsuen	No. 28 Wong Ka Wai Tsuen
72	31/10/2017	31/10/2017 20:08	31/10/2017 21:42	Near Lamp Post AC0871, Shek Lau Po Tsuen	Part of Shek Lau Po Tsuen
73	9/11/2017	9/11/2017 19:10	9/11/2017 20:20	Near Fire Hydrant PH326, Man Tung Road	Public Works Regional Laboratory
74	16/11/2017	16/11/2017 17:45	16/11/2017 19:40	Near No. 24, Ha Ling Pei	No. 23-24, Ha Ling Pei

(B) Flushing Water Supply Suspensions in Tung Chung due to Emergency Repair of Water Mains from 2013 to 2017

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
1	16/12/2013	16/12/2013 21:00	17/12/2013 05:45	Near Lamp Post FB7220, Cheung Tung Road	Penny's Bay
2	5/1/2015	5/1/2015 11:45	5/1/2015 13:00	1 Sham Fung Road, Siu Ho Wan, Bus Depot	1 Sham Fung Road, Siu Ho Wan, Bus Depot
3	20/1/2015	20/1/2015 12:15	21/1/2015 16:45	Near Lamp Post FC3057, Cheung Tung Road	Cheung Tung Road Refuse Collection Point, Tung Chung Sewage Pumping Station, Tung Chung Wan Telephone Exchange
4	19/10/2015	19/10/2015 18:10	19/10/2015 21:15	Near Lamp Post FC2324, Chung Yat Street	YMCA of Hong Kong Christian College

No.	Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
5	19/4/2016	19/4/2016 12:30	19/4/2016 14:10	Near No. 10, Wong Nai Uk	No. 10, Wong Nai Uk
6	22/11/2016	22/11/2016 21:00	14/12/2016 01:15	Near Lamp Post FC1957, Tung Chung Waterfront Road	Fire Hydrants PH2011, PH2013 & PH2015 at Man Tung Road Park
7	7/6/2017	7/6/2017 12:15	7/6/2017 16:30	Near Lamp Post DC0958, Man Tung Road	Tung Chung North Park
8	25/8/2017	25/8/2017 12:30	25/8/2017 17:30	Near No. 29, Man Tung Road	Tung Chung North Park
9	8/12/2017	8/12/2017 13:50	9/12/2017 09:00	Near Lamp Post FC2065, Man Tung Road	Tung Chung North Park
10	12/12/2017	12/12/2017 18:05	12/12/2017 19:30	Near Lamp Post FC2064, Man Tung Road	Tung Chung North Park

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4324)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department is responsible for the operation and maintenance of water supply systems. In this regard, please inform this Committee of:

1. the information of occasions of urgent water suspension in Tsuen Wan district in the past 5 years including the dates, time of onset, time of supply resumption, locations, types of water supply and the areas affected (in tabular format);

2. the current water mains replacement / rehabilitation works in progress or in planning in Tsuen Wan district;

3. the current inspection works for pumping stations in progress or in planning in Tsuen Wan district; and

4. the progress of establishing the Water Intelligent Network in the supply network of Tsuen Wan district.

Asked by: KWOK Ka-ki (Member Question No. (LegCo use): 299)

Reply:

1. Details of the emergency suspension of water supply in the Tsuen Wan district in the past five years are tabulated in Appendix I. The majority of the cases involved small diameter water mains and/or affected localised areas. Besides, the duration of suspension for about 79% of the cases affecting fresh water supply was less than three hours.

2. The programme of replacement and rehabilitation (the programme) of about 3 000 kilometres aged water mains was implemented in stages starting from 2000. All stages of the programme were substantially completed by the end of 2015. Given the much improved condition of the water supply network after completion of the programme, the Water Supplies Department considers it more effective to sustain the healthiness of the

network by a continuous risk-based assessment of the water mains to determine the need for improvement works including reprovisioning. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains taking into account various factors, such as population and customers served, location, material, age, failure record, pipe size, etc. Based on the risk-based assessment, water mains at Castle Peak Road (Tsuen Wan) near Fuk Loi Estate in Tsuen Wan district will be reprovisioned in 2018-19.

3. Regular inspections and routine maintenance are carried out for all pumping stations in the Tsuen Wan district. Emergency maintenance will be carried out as and when required.

4. Under the Water Intelligent Network, there will be a total of 136 District Metering Areas (DMAs) in the Tsuen Wan district. 94 DMAs have been completed and the remaining 42 are expected to be completed progressively by 2023.

(A) Fresh Water Supply Suspensions in Tsuen Wan due to Emergency Repair of Water Mains from 2013 to 2017

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
1/1/2013	1/1/2013 15:45	1/1/2013 23:30	Near No.30 Chai Wan Kok Street	No.30 Chai Wan Kok Street (2030-2330)
5/1/2013	6/1/2013 10:45	6/1/2013 12:05	No.138 Tsing Lung Tau Village	No.134,138 Tsing Lung Tau Village
6/1/2013	6/1/2013 18:00	6/1/2013 20:20	No.135 Lo Wai Tsuen	No.129,130,132,135A,136,136A Lo Wai Tsuen
8/1/2013	8/1/2013 09:30	8/1/2013 13:30	No.208 Tsuen King Circuit	Tsuen Tak Garden
9/1/2013	9/1/2013 11:30	9/1/2013 12:15	No.1 Sha Tsui Road	No.515-503 Castle Peak Road Winner Godown Building
10/1/2013	10/1/2013 13:30	10/1/2013 16:00	No.10 Yi Pei Square	No.65 Ho Pui Street
14/1/2013	14/1/2013 22:00	15/1/2013 02:00	Near No.10 Tsuen Wan Market Street	Tsuen Wan Market Street, Chuen Lung Street Shiu Wo Street, Tai Ho Road
14/1/2013	14/1/2013 13:31	14/1/2013 13:45	Near Sham Tseng Temporary Playground, Sham Tseng Tsuen Road	Sham Tseng Temporary Playground
21/1/2013	21/1/2013 14:55	21/1/2013 15:25	Wo Yi Hop Road near Lamp Post FA9981, Kwai Chung	Wo Yi Hop Road CLP Substation & Sitting-out Area
21/1/2013	21/1/2013 16:30	21/1/2013 17:45	Near No.32B Sham Tseng Kau Tsuen	No.62 Sham Tseng Kau Tsuen
25/1/2013	25/1/2013 23:00	26/1/2013 04:30	No.20 Tsuen Wan Market Street	Tsuen Wan Market Street, Chuen Lung Street, Shiu Wo Street, Tai Ho Road
3/2/2013	3/2/2013 13:45	3/2/2013 20:30	Near No.21 Tsuen Wan Market Street	No.14-18 Chuen Lung Street
4/2/2013	4/2/2013 09:50	4/2/2013 12:31	370 Sham Tseng San Tsuen	No.15A-61 Sham Tseng San Tsuen
4/2/2013	4/2/2013 16:25	4/2/2013 19:30	Back Lane of No.72 Texaco Road	72-76 Texaco Road
7/2/2013	7/2/2013 08:55	7/2/2013 10:30	No.102 Kwan Mun Hau Tsuen	No.102 Kwan Mun Hau Tsuen
14/2/2013	14/2/2013 15:15	14/2/2013 16:15	Back Lane of No.101 Chuen Lung Street	No.101-123 Chuen Lung St, 10-32 Yi Pei Square

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
25/2/2013	25/2/2013 13:15	25/2/2013 15:30	Near No.25 Fu Cheong Path	Part of Fu Cheong Path
26/2/2013	26/2/2013 16:05	26/2/2013 18:30	Near Fire Hydrant 3722 Route Twisk	Part of Kwong Pan Tin Tsuen
27/2/2013	27/2/2013 15:30	27/2/2013 16:30	No.499 Pun Shan Tsuen	No.499 Pun Shan Tsuen
1/3/2013	2/3/2013 10:45	2/3/2013 15:00	Texaco Road near Lamp Post FB3146, Kwai Chung	Lung Shing Factory Building
2/3/2013	2/3/2013 20:00	3/3/2013 05:30	4A Chai Wan Kok Street	Chai Wan Kok Street Public Toilet
2/3/2013	2/3/2013 20:00	2/3/2013 22:00	No.271 Wo Yi Hop Road Back Lane	No.249-335 Wo Yi Hop Road, No.1-17 Lei Shu Road
2/3/2013	2/3/2013 16:00	2/3/2013 20:00	Near No.82 Hau Tei Square Back Lane	No.207-211 Sha Tsui Road & No.80-84 Hau Tei Square
4/3/2013	4/3/2013 15:30	4/3/2013 16:05	7 Sham Hong Road Back Lane	7-12 Sham Hong Road
8/3/2013	8/3/2013 14:30	8/3/2013 15:05	No.6-28 Chai Wan Kok Street	No.30-40 Chai Wan Kok Street
11/3/2013	11/3/2013 10:30	11/3/2013 11:30	Near Swan Neck 5230 Ha Fa Shan	No.2 House of Ha Fa Shan
11/3/2013	11/3/2013 14:15	11/3/2013 15:15	No.47 Sam Tung Uk Resite Village	No.47 Sam Tung Uk Resite Village
12/3/2013	12/3/2013 17:35	12/3/2013 19:40	Near No.28-29 Hoi Pa Village South Terrace	No.28-29 Hoi Pa Village South Terrace
14/3/2013	14/3/2013 17:05	14/3/2013 18:30	Near Lamp Post VC1139 Shing Mun Catchwater Jogging Trail	Chuen Lung
15/3/2013	15/3/2013 16:00	15/3/2013 17:10	No.103 Chuen Lung Street Back Lane	No.103-105 Chuen Lung Street, 12-14 Yi Pei Square
18/3/2013	18/3/2013 09:25	18/3/2013 10:00	Near No.271 Sha Tsui Road Back Lane	No.271 Sha Tsui Road
18/3/2013	18/3/2013 15:52	18/3/2013 16:10	Near Tsuen Wan South Substation, Wong Tak Street	Tsuen Wan South Substation
19/3/2013	19/3/2013 14:17	19/3/2013 14:40	Near Fire Hydrant 590, Route Twisk	Sham Yuen Site Office
19/3/2013	19/3/2013 14:05	19/3/2013 16:05	Near Sai Chuk Lam, Ha Fa Shan	Ha Fa Shan Village
21/3/2013	21/3/2013	21/3/2013	No.51B Lo Wai Tsuen	No.51A-B Lo Wai Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	09:37	11:00		
21/3/2013	21/3/2013 08:00	21/3/2013 14:55	Near Bayview Garden Castle Peak Road	Greenview Court, Yau Kom Tau Village, Hon Man Tsuen
23/3/2013	23/3/2013 15:30	23/3/2013 16:00	Near Lamp Post VA3694 Yuen Tsuen Ancient Trail	3 small houses at Yuen Tsuen Ancient Trail
24/3/2013	24/3/2013 14:00	24/3/2013 17:00	No.8 Muk Min Ha Tsuen	No.8 Muk Min Ha Tsuen
24/3/2013	24/3/2013 10:05	24/3/2013 12:00	No.1 Hoi Pa Tsuen South Terrace	No.1 Hoi Pa Tsuen South Terrace
26/3/2013	26/3/2013 09:45	26/3/2013 10:45	Near No.170 Sha Tsui Road Back Lane	No.170-174 Sha Tsui Road T.W
27/3/2013	27/3/2013 15:05	27/3/2013 18:00	No.19C Lo Wai Village	Part of Lo Wai Village
27/3/2013	27/3/2013 15:25	27/3/2013 16:50	Near Lamp Post VA0889 at Lo Wai Lane	Part of Lo Wai Lane
28/3/2013	28/3/2013 22:30	29/3/2013 01:40	Yau Kom Tau Fresh Water Pumping Station	Yau Kom Tau Treatment Works Staff Quarters
28/3/2013	29/3/2013 00:01	29/3/2013 05:45	Near No.24-30 Wang Lung Street at Ma Kok Lane	No.24-30, 32-40, 42-46 Wang Lung Street and No.218-264, Texaco Road
30/3/2013	30/3/2013 13:40	30/3/2013 14:30	Near No.23B Sham Tseng San Tsuen	No.23A, 23B, 24, 25 & 25A Sham Tseng San Tsuen
3/4/2013	3/4/2013 14:15	3/4/2013 15:00	Near No.36 Hoi Pa Village	No.36 Hoi Pa Village
3/4/2013	3/4/2013 13:45	3/4/2013 15:30	Near No.42 Hoi Pa Village	No.42 Hoi Pa Village
5/4/2013	6/4/2013 09:00	6/4/2013 11:30	No.45 Hoi Pa Resite Village Back Lane	No.45 Hoi Shing Resite Village
8/4/2013	8/4/2013 10:55	8/4/2013 11:30	Near Lamp Post SWYH/0/0005 at Wo Yi Hop Lane	Part of Wo Yi Hop Village
10/4/2013	11/4/2013 02:00	11/4/2013 03:10	No.90 Heung Wo Street Back Lane	No.66-98 Heung Wo Street
12/4/2013	12/4/2013 21:30	12/4/2013 23:25	No.87A Sham Tseng Sam Tsuen	No.88B Sham Tseng Sam Tsuen
15/4/2013	15/4/2013 15:28	15/4/2013 16:15	Near No.104 Sam Tung Uk Resite Village	No.104 Sam Tung Uk Resite Village
16/4/2013	16/4/2013 18:09	16/4/2013 19:35	Near Tsuen Fung Centre Castle Peak Road	Irrigation Supply

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
19/4/2013	19/4/2013 17:30	19/4/2013 21:00	Tung Po Tor near Fire Hydrant 838	Tung Po Tor Monastery
19/4/2013	19/4/2013 22:30	19/4/2013 23:30	No.3 Chung Kwai Chung Tsuen Back Lane	No.1-6 Chung Kwai Chung Tsuen
22/4/2013	22/4/2013 11:15	22/4/2013 22:15	Near No.415 Castle Peak Road	Fire service supply to No. 407-411 Castle Peak Road
22/4/2013	22/4/2013 20:30	22/4/2013 22:00	Near Lamp Post VA9424 Sham Tseng West Village	No.2 House of Sham Tseng West Village
25/4/2013	25/4/2013 14:00	25/4/2013 17:05	Wo Yi Hop Road near Li Ping Secondary School	Sheng Kung Hui Li Ping Secondary School, Ho Fung College Sponsored by Sik Sik Yuen, Cheung Shan Estate
26/4/2013	26/4/2013 11:50	26/4/2013 14:30	No.3 Ting Kau Village	No.3 Ting Kau Villlage
30/4/2013	30/4/2013 13:30	30/4/2013 14:50	Near No.63 Chung On Street Back Lane	No.57-63 Chung On Street
3/5/2013	3/5/2013 18:00	3/5/2013 19:15	Near No.6-28 Chai Wan Kok Street Site	No.6-28 Chai Wan Kok Street Site
4/5/2013	4/5/2013 13:30	4/5/2013 19:00	Near Sham Tseng Commercial New Village	Sham Tseng Commercial New Village
8/5/2013	8/5/2013 10:30	8/5/2013 12:00	No.1 Ting Kau Tsuen Backlane	No.1 Ting Kau Tsuen
10/5/2013	10/5/2013 10:50	10/5/2013 11:10	Near No.303 Wo Yi Hop Road	No.303 Wo Yi Hop Road
10/5/2013	10/5/2013 09:22	10/5/2013 09:40	No.27-33 Chung On Street Back Lane	No.27-33 Chung On Street
16/5/2013	16/5/2013 14:50	16/5/2013 16:35	Near No.17D Ting Kau Village	No.17D Ting Kau Village
17/5/2013	17/5/2013 21:00	18/5/2013 01:35	No.18 Hoi Pui Village	Part of Hoi Pui Tsuen
17/5/2013	17/5/2013 17:30	17/5/2013 20:00	No.6 Chung Kwai Chung Tsuen	No.6 Chung Kwai Chung Village
21/5/2013	21/5/2013 19:01	21/5/2013 19:45	19A Sham Tseng San Tsuen Back Lane	Sham Tseng San Tsuen
23/5/2013	23/5/2013 13:40	23/5/2013 17:10	Tsuen Yip Street near No.2-6, Ma Kok Street	No.2-6 and No.8-12 Ma Kok Street
27/5/2013	27/5/2013 13:30	27/5/2013 15:30	Near No.20B Sham Tseng Kau Tsuen Back Lane	3 Houses of Sham Tseng Kau Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
30/5/2013	30/5/2013 10:15	30/5/2013 12:15	No.64 Hoi Pa Resite Village Back Lane	No.64 Hoi Pa Resite Village
31/5/2013	31/5/2013 10:50	31/5/2013 12:00	No.81 Ho Pui Street Back Lane	No.81 Ho Pui Street
3/6/2013	3/6/2013 09:30	3/6/2013 10:00	Near lamp post FL0214 at Fu Yung Shan San Tsuen	No. 27-35 Fu Yung Shan San Tsuen
3/6/2013	3/6/2013 10:25	3/6/2013 11:30	No.45 Sam Tung Uk Resite Village	No.45 Sam Tung Uk Resite Village
4/6/2013	4/6/2013 16:00	4/6/2013 17:00	No.17 Yeung Uk Tsuen Back Lane	No.17 Yeung Uk Tsuen
5/6/2013	5/6/2013 15:10	5/6/2013 21:45	Near No.109, Chuen Lung Street Back Lane	No.51-59 Ho Pui Street, No.18 Yi Pei Square
7/6/2013	7/6/2013 10:00	7/6/2013 11:40	No.109 Chuen Lung Street Back Lane	No.101-123 Chuen Lung Street and No.10-32 Yi Pei Square
7/6/2013	7/6/2013 10:00	7/6/2013 11:30	Near No.113 Chuen Lung Street Back Lane	No.101-127 Chuen Lung Street, No.10-32 Yi Pei Square, No.45-65 Ho Pui Street
10/6/2013	10/6/2013 14:00	10/6/2013 15:17	Near No.88 Sam Tung Uk Resite Village	No.88 Sam Tung Uk Resite Village
11/6/2013	11/6/2013 11:30	11/6/2013 15:45	Near No.86 Heung Wo Street Back Lane	No.64-90 Heung Wo Street
13/6/2013	13/6/2013 09:00	13/6/2013 14:00	No.21 Kwan Mun Hau Tsuen	No.21 Kwan Mun Hau Tsuen
14/6/2013	15/6/2013 10:45	15/6/2013 13:00	No.20 Kwan Mun Hau Tsuen Back Lane	No.20 Kwan Mun Hau Tsuen
14/6/2013	14/6/2013 02:10	14/6/2013 18:30	No.200 Texaco Road Back Lane	No.220-248, 250-264 Texaco Road
19/6/2013	19/6/2013 09:45	19/6/2013 11:20	No.52 Sham Tseng Commercial New Village	No.22-24 Sham Tseng Commercial New Village
22/6/2013	22/6/2013 11:45	22/6/2013 15:15	No.364-372 Castle Peak Road	No.364-380 Castle Peak Road
26/6/2013	26/6/2013 10:30	26/6/2013 13:00	No.47 Yuen Tun Village, Tsing Lung Tau	Yuen Tun Village
27/6/2013	27/6/2013 17:05	27/6/2013 20:30	Castle Peak Road near Tsuen Fung Centre	Planter
27/6/2013	27/6/2013 16:00	27/6/2013 21:00	No.19 Ho Pui Tsuen Back Lane	No.17-20 Ho Pui Tsuen
28/6/2013	28/6/2013 14:30	28/6/2013 15:00	Near No.123 Chuen Lung Street Back Lane	No.101-127 Chuen Lung Street, No.45-65 Ho Pui

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Street and No.10-32 Yi Pei Square
28/6/2013	28/6/2013 07:40	28/6/2013 12:00	Castle Peak Road near Tsuen Fung Centre Lamp Post DC0279	Planter
2/7/2013	2/7/2013 10:00	2/7/2013 11:30	No.106 Kwan Mun Hau Tsuen	No.106 Kwan Mun Hau Tsuen
2/7/2013	3/7/2013 23:00	4/7/2013 02:30	Near No.36D Sham Hong Road, Sham Tseng	Sham Tseng Commercial New Village and part of Sham Tseng San Tsuen
4/7/2013	4/7/2013 10:15	4/7/2013 15:30	No.17-20 Ho Pui Tsuen Back Lane	No.13-20 Ho Pui Tsuen
6/7/2013	6/7/2013 17:30	6/7/2013 19:00	Near House No.32 Lo Wai Tsuen Wan	House No.32 and 34 Lo Wai Tsuen Wan
7/7/2013	7/7/2013 09:10	7/7/2013 11:00	No.31A Chung Kuk Terrace, Fu Yung Shan Road	No.31A, 33- 39 of Chung Kuk Terrace
8/7/2013	8/7/2013 09:45	8/7/2013 11:30	No.63 Tai Pa Street Back Lane	No.53-75 Tai Pa Street
10/7/2013	10/7/2013 15:00	10/7/2013 15:30	Near Choi Yuen Tsuen Fresh Water Pump House	Choi Yuen Tsuen
13/7/2013	13/7/2013 18:40	13/7/2013 22:00	Near Fire Hydrant 592 Fu Yung Shan Road	Part of Fu Yung Shan Tsuen
19/7/2013	19/7/2013 17:40	19/7/2013 18:45	Near No.63 Tai Ho Road	No.57-63 Tai Ho Road
19/7/2013	19/7/2013 16:00	19/7/2013 17:00	No.24A Ting Kau Tsuen, Ting Kau	No.24A Ting Kau Tsuen
21/7/2013	21/7/2013 11:30	21/7/2013 12:50	No.20B Sham Tseng Kau Tsuen	No.15B & 21B Sham Tseng Kau Tsuen
21/7/2013	21/7/2013 14:30	21/7/2013 15:30	No.41A Sham Tseng San Tsuen	No.41A Sham Tseng San Tsuen
25/7/2013	25/7/2013 10:00	25/7/2013 11:30	Near No.64 Fu Yung Shan Road	No.64 Fu Yung Shan Road
26/7/2013	26/7/2013 07:10	26/7/2013 12:00	No.11 Tsuen Lok Street,	Tsuen Lok Building
29/7/2013	29/7/2013 09:50	29/7/2013 11:00	Lot 301 Castle Peak Road , Ting Kau	Lot 301 Castle Peak Road ,Ting Kau
31/7/2013	31/7/2013 18:20	31/7/2013 21:30	No.16 Yuen Tun Village, Tsing Lung Tau	Yuen Tun Village
31/7/2013	31/7/2013 17:10	31/7/2013 23:00	No.18 Ma Kok Street, Tsuen Wan	No.120 Texaco Road
1/8/2013	1/8/2013	1/8/2013	No.6 Yuen Tun Village	No.6-7 Yuen Tun Village

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	15:00	16:10	Tsing Lung Tau Back Lane	
5/8/2013	5/8/2013 00:45	5/8/2013 03:30	No.23 Heung Che Street	No.2-6 Tso Kung Street, No.2-36 Tso Kung Square, No.23-25 Heung Che Street, No.2-32 Hoi Pa Street
5/8/2013	5/8/2013 16:50	5/8/2013 19:00	No.62 Hau Tei Square Back Lane	No.32-68 Hau Tei Square
9/8/2013	9/8/2013 22:00	10/8/2013 18:30	Near Lot 1363 Lo Wai Road	Wing Wah Terrace and Chuen Yin Terrace
9/8/2013	9/8/2013 13:30	9/8/2013 15:00	No.118 Sam Tung Uk Village Back Lane	No. 118 Sam Tung Uk Village
9/8/2013	9/8/2013 11:30	9/8/2013 18:30	Near Lamp Post FA4650, Ma Kok Lane	No. 250-264 Texaco Road
10/8/2013	10/8/2013 14:00	10/8/2013 16:30	Near Fire Hydrant 4006, Castle Peak Road, Sham Tseng	Sham Tseng East Village
12/8/2013	12/8/2013 18:05	12/8/2013 19:45	Near Lamp Post U7558, Lo Wai Road	Refuse Collection Point of Lo Wai Road
16/8/2013	16/8/2013 20:15	16/8/2013 22:30	Near Fire Hydrant 592, Fu Yung Shan Road	Part of Fu Yung Shan Tsuen, Chuk Lam Sim Yuen
18/8/2013	18/8/2013 10:30	18/8/2013 11:30	No.15 Hoi Pa South Terrace	No.15 Hoi Pa South Terrace
20/8/2013	20/8/2013 09:30	20/8/2013 12:15	No.225, Wo Yi Hop Road Back Lane	No.225, Wo Yi Hop Road
21/8/2013	21/8/2013 16:05	21/8/2013 19:50	Near No.84 Wo Yi Hop Village	No.84, 86, 79 Wo Yi Hop Village
23/8/2013	23/8/2013 14:40	23/8/2013 16:00	Near Lamp Post V9364, Wan Lung Village, Chuen Lung	Part of Wan Lung Village
24/8/2013	24/8/2013 15:20	24/8/2013 18:00	No.103, Kwan Mun Hau Tsuen	No.103, Kwan Mun Hau Tsuen
25/8/2013	25/8/2013 09:25	25/8/2013 10:30	No.24, Sam Pei Square	No.96-142 Chang On Street, No.2-30 Sam Pei Square, No.71-81 Hau Ti Street
26/8/2013	26/8/2013 18:40	26/8/2013 22:00	Near. Lamp Post DG0277, Castle Peak Road	Planter along Castle Peak Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
26/8/2013	26/8/2013 22:00	27/8/2013 02:00	Near No.71, Chuen Lung Tsuen, Tsuen Wan	Chuen Lung Tsuen
27/8/2013	27/8/2013 14:25	27/8/2013 15:50	No.10 Shu On Terrace, Sham Tseng	No.1-18 Shu On Terrace, Sham Tseng
27/8/2013	27/8/2013 14:30	27/8/2013 18:30	Back Lane of No.104 Chung On street	No.102-104 Chung On Street
28/8/2013	28/8/2013 11:20	28/8/2013 12:20	Near No.86, Pai Min Kok Tsuen	Part of Pai Min Kok Tsuen
29/8/2013	29/8/2013 14:40	29/8/2013 20:30	Junction of Lo Wai Road. & Sheng Kok Shan Road	Care & Attention home for the Aged
2/9/2013	2/9/2013 10:00	2/9/2013 11:00	Near No.133 Lo Wai Tsuen, Yi Pei Chun	No.133, Lo Wai Tsuen ,Yi Pei Chun
2/9/2013	2/9/2013 14:05	2/9/2013 15:30	Near Lot No.305, Castle Peak Road, Ting Kau	Lot No.305, 307, 309, Castle Peak Road, Ting Kau
8/9/2013	8/9/2013 10:30	8/9/2013 11:30	Near Lamp Post W2421 Ma Sim Pai Road	Refuse Collection Point of Pak Tin Pa Tsuen
13/9/2013	13/9/2013 21:40	14/9/2013 01:30	No.611-619,Castle Peak Road	No.611-619 Castle Peak Road
14/9/2013	14/9/2013 15:30	14/9/2013 16:30	No.75 Tai Ho Road	Planter
15/9/2013	15/9/2013 09:50	15/9/2013 15:00	Near Lamp Post A/C1986, Tsuen Wan Market Street	No.117-133 Castle Peak Road
16/9/2013	16/9/2013 14:10	16/9/2013 17:30	Near Lamp Post FB4759, Castle Peak Road	Airport Core Programme Exhibition Centre
17/9/2013	17/9/2013 14:40	17/9/2013 15:20	No.13 Tai Pak Tin Village	No.13 Tai Pak Tin Village
25/9/2013	25/9/2013 19:10	25/9/2013 22:30	No.100 Sai Lau Kok Road	No.100 Sai Lau Kok Road
26/9/2013	26/9/2013 23:40	27/9/2013 03:00	Near Lamp Post BC1911, Castle Peak Road, Tsing Lung Tau	No.131-133 Castle Peak Road, Tsing Lung Tau
2/10/2013	2/10/2013 13:00	2/10/2013 14:30	No.68 Chuen Lung Village, Route Twisk	No.68-101 Chuen Lung Village, Route Twisk
7/10/2013	7/10/2013 13:00	7/10/2013 14:00	House No.121 Sam Tung Uk Resite Village	House No.121 Sam Tung Uk Resite Village
8/10/2013	8/10/2013 17:32	8/10/2013 17:50	No.22 Ma Wan Main Street Village, Ma Wan	22. Ma Wan Main Street, Village, Ma Wan
16/10/2013	16/10/2013 14:20	16/10/2013 15:30	Back Lane of No.185-187 Castle Peak	No.185-187, Castle Peak Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
			Road	
18/10/2013	18/10/2013 14:30	18/10/2013 16:00	No.54-68, Hau Tei Square	No.54-68, Hau Tei Square
18/10/2013	18/10/2013 14:50	18/10/2013 16:40	Back Lane of No.55 Ho Pui Street	No.55 Ho Pui Street
19/10/2013	19/10/2013 11:30	19/10/2013 14:00	No.18-20 Pun Shan Street	No.1-32, Pun Shan Street
21/10/2013	21/10/2013 09:57	21/10/2013 10:24	No.40 Sham Tseng Tsuen, Sham Tseng	No.40 Sham Tseng Tsuen
21/10/2013	21/10/2013 17:30	21/10/2013 21:00	Ma Kok Lane Junction of Lung Tak Street	No.210-218, Texaco Road
25/10/2013	25/10/2013 10:00	25/10/2013 11:15	Near Lamp Post VA 5858 , Tai Kiu Village	Part of Tai Kiu Village
25/10/2013	25/10/2013 11:15	25/10/2013 15:00	No.147 Lo Wai Village	Part of Lo Wai Village
26/10/2013	26/10/2013 15:30	26/10/2013 22:00	No.88 Chung Lung Street	No.88 Chung Lung Street and No.1 Tai Uk Street
30/10/2013	30/10/2013 09:10	30/10/2013 11:00	Back Lane of No.114 Chung On Street	No.114 Chung On Street
30/10/2013	30/10/2013 16:00	30/10/2013 17:25	No.7 Hoi Pa Resite Village	No.2-9 Hoi Pa Resite Village
31/10/2013	31/10/2013 13:20	31/10/2013 17:00	Near 2A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
6/11/2013	6/11/2013 15:00	6/11/2013 15:30	Near No.14 Ting Kau Tsuan, Ting Kau	No.14 Ting Kau Tsuan, Ting Kau
11/11/2013	11/11/2013 14:10	11/11/2013 15:10	No.120-140 Tsuen Wan Market Street	No.120-140 Tsuen Wan Market Street
13/11/2013	13/11/2013 14:30	13/11/2013 17:00	Near No.55 Lo Wai Tsuen	Part of Lo Wai Tsuen
17/11/2013	17/11/2013 09:10	17/11/2013 12:00	No.20 Pak Tin Pai Tsuen	Part of Pak Tin Pai Tsuen
18/11/2013	18/11/2013 13:30	18/11/2013 15:00	Sai Hau Kok Road	Block 1 Ho Fai Commercial Centre
19/11/2013	19/11/2013 13:35	19/11/2013 15:00	No.218-220 Saw Hau Kok Road	Ho Fai Commercial Centre (Block B)
27/11/2013	27/11/2013 10:15	27/11/2013 11:00	Near Fire Hydrant 301,Wang Lung Street	No.19-31, Ma Tau Pau Road
27/11/2013	27/11/2013 14:50	27/11/2013 15:40	Near No.28 Sham Tseng Village	No.28 Sham Tseng Village
27/11/2013	27/11/2013 13:25	27/11/2013 14:10	Near No.33D Sham Tseng San Tsuen, Sham Tseng	No.33D Sham Tseng San Tsuen
28/11/2013	28/11/2013 15:00	28/11/2013 17:00	Near No.38 Hon Man Tsuen	No.38-40 Hon Man Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
28/11/2013	28/11/2013 09:20	28/11/2013 10:10	Back Lane of No.35 Wang Lung Street	No.35 Wang Lung Street
30/11/2013	30/11/2013 15:00	30/11/2013 15:30	Phase II, Kwong Pan Tin Village	Phase II, Kwong Pan Tin Village
30/11/2013	30/11/2013 10:30	30/11/2013 11:40	Near No.164 Lo Wai Tsuen	No.164 Lo Wai Tsuen
4/12/2013	4/12/2013 18:30	4/12/2013 20:45	Near No.11 Sham Tseng Tung Village	No.12-20 Sham Tseng Tung Village
5/12/2013	5/12/2013 10:00	5/12/2013 13:10	No.303-313 Castle Peak Road	No.303-313 Castle Peak Road
5/12/2013	5/12/2013 14:16	5/12/2013 14:30	Back Lane of No.39 Tsuen Wan Market Street	No.27-59 Tsuen Wan Market Street, Shiu Wo Street, No.13-23 Chung On Street
9/12/2013	9/12/2013 22:30	10/12/2013 05:30	Back Lane of No. 23 Wo Tik Street	No.23-33 Wo Tik Street
10/12/2013	10/12/2013 19:00	10/12/2013 20:00	Near Fire Hydrant 4066 Castle Peak Road	Sham Tseng Tung Village
10/12/2013	11/12/2013 01:00	11/12/2013 03:30	Back Lane of No.27 Wo Tik Street	No.23-33 Wo Tik Street
11/12/2013	11/12/2013 17:10	11/12/2013 19:00	Back Lane of No.125 Sha Tsui Road	No.105-139 Sha Tsui Road, No.1-37 Tso Kung Square
11/12/2013	11/12/2013 13:05	11/12/2013 16:00	Wai Tsuen Road J/O Shek Wai Kok Road	Tin Hau Temple Park, Wai Tsuen Road
12/12/2013	12/12/2013 20:00	12/12/2013 21:00	Section II Kwong Pan Tin Village, Route Twisk	Section II Kwong Pan Tin Village, Route Twisk
13/12/2013	13/12/2013 19:45	13/12/2013 20:45	No.101 Route Twisk	Kwong Pan Tin Area along Route Twisk
16/12/2013	16/12/2013 18:40	16/12/2013 20:30	No.144-172 Castle Peak Road	Watering Point at Caslte Peak Road
18/12/2013	18/12/2013 15:30	18/12/2013 16:50	No.107 Hoi Pa Street	No.105-111 Hoi Pa Street
19/12/2013	19/12/2013 16:10	19/12/2013 17:05	Near Lamp Post FA5508 Kwong Pan Tin Tsuen	Upper Kwong Pan Tin Tsuen
19/12/2013	19/12/2013 11:30	19/12/2013 15:30	Near Lamp Post FA 5844 Wai Tsuen Road	No.47-51 Wai Tsuen Road
22/12/2013	22/12/2013 17:30	22/12/2013 18:50	Near No. 35B Sham Tseng San Tsuen, Sham Tseng	No.35B Sham Tseng San Tsuen
23/12/2013	23/12/2013 13:10	23/12/2013 14:45	Back Lane of No.101 Chuen Lung Street	No.10 Yi Pei Square

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
23/12/2013	23/12/2013 16:10	23/12/2013 17:05	Back Lane of No. 11 Hoi Pa Village Northeast Terrace	No.1-12, No.17-18 Hoi Pa Village
27/12/2013	27/12/2013 17:30	27/12/2013 21:30	Back Lane of No.10 Yi Pei Square	No.65 Ho Pui Street
29/12/2013	29/12/2013 10:00	29/12/2013 11:30	Near No. 51B Lo Wai Tsuen	No.51A & B Lo Wan Tsuen
30/12/2013	30/12/2013 09:05	30/12/2013 10:40	Back Lane of No.138 Chung On Street	No.138 Chung On Street
30/12/2013	30/12/2013 19:10	30/12/2013 23:30	No.130-142 Castle Peak Road	No.130-142 Castle Peak Road
1/1/2014	1/1/2014 18:10	1/1/2014 20:00	Section 4 Kwong Pan Tin Village, Route Twisk	Section 4 Kwong Pan Tin Village
3/1/2014	3/1/2014 09:35	3/1/2014 11:15	Back Lane of No.66 Hoi Pa Sun Tsuen	No.65-66 Hoi Pa Sun Tsuen
4/1/2014	4/1/2014 16:35	4/1/2014 17:30	Back Lane of No.99 Chuen Lung Street	No.93-99 Chuen Lung Street, No.2-4 Yi Pei Square
6/1/2014	6/1/2014 21:30	7/1/2014 00:15	No.16 Yuen Tun Tsuen, Tsing Lung Tau	Yuen Tun Tsuen, Tsing Lung Tau
8/1/2014	8/1/2014 16:40	8/1/2014 22:00	No.8 Tai Ho Road	Red Cross Blood Donor Centre, Tai Ho Road
8/1/2014	8/1/2014 18:45	8/1/2014 19:55	Near Lamp Post W1528, Shing Mun	Pumping Station Wai Tsuen Road
9/1/2014	9/1/2014 15:30	9/1/2014 16:40	Back Lane of No. 19-21, Tso Kung Square	No.19-21, Tso Kung Square
10/1/2014	10/1/2014 17:15	10/1/2014 19:30	Back Lane of No. 323 Sha Tsui Road	No. 323 Sha Tsui Road
14/1/2014	14/1/2014 16:15	14/1/2014 17:15	No. 38 Yuen Tun Village, Tsing Lung Tau	Yuen Tun Village
20/1/2014	20/1/2014 13:50	20/1/2014 16:15	No.68 Sha Tsui Road	No.30-68 , Sha Tsui Road
20/1/2014	20/1/2014 18:30	20/1/2014 19:05	Near Lamp Post V3825, Lo Wai Village	Tung Kwok Monastery
22/1/2014	22/1/2014 14:30	22/1/2014 17:15	Section I Kwong Pan Tin Village	Section I. Kwong Pan Tin Village
22/1/2014	22/1/2014 09:20	22/1/2014 15:30	Back Lane of No. 31 Wo Tik Street	No. 23-33 Wo Tik Street
24/1/2014	24/1/2014 12:45	24/1/2014 14:10	Near Tung Kwok Monastery, Lo Wai Village	Tung Kwok Monastery
27/1/2014	27/1/2014 13:50	27/1/2014 14:30	No.37, Yuen Tun Village ,Tsing Lung Tau	No.36-39, Yuen Tun Village ,Tsing Lung Tau

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
2/2/2014	2/2/2014 21:30	3/2/2014 04:00	Near No. 36-48 Tsuen Wah Street	No.1-21 Tsuen Fu Street , No.12-22 Texaco Road,No.36-38 Tusen Wan Street, No.2-16 Tsuen Kwai Street
4/2/2014	4/2/2014 23:00	5/2/2014 01:10	Back Lane of No.29 Wo Fik Street	No.23-33 Wo Tik Street
5/2/2014	5/2/2014 14:00	5/2/2014 21:30	Junction of Chai Wan Kok Street and Tai Chung Road	No.83-95 Chai Wan Kok Street
5/2/2014	5/2/2014 18:05	5/2/2014 18:25	Near Lamp Post FB2846, Ting Fung Street	Refuse Collection Point Ting Fung Street
11/2/2014	11/2/2014 09:30	11/2/2014 23:30	Near Po Fung Terrace, Po Fung Road	Ha Fa Shan Village, Pan Shan Village, Hon Man Village and Yau Kom Tau Village
11/2/2014	11/2/2014 14:00	11/2/2014 15:30	Miu Kong Street near Garden	No.8 Shing Mun Road
11/2/2014	11/2/2014 18:00	11/2/2014 18:40	Near No. 58 Chung Kwai Chung Tsuen	No.58 Chung Kwai Chung Tsuen
13/2/2014	13/2/2014 09:30	13/2/2014 11:30	No.21 Section II, Kwong Pan Tin Tsuen, Route Twisk	Section II, Kwong Pan Tin Tsuen, Route Twisk
13/2/2014	13/2/2014 22:30	13/2/2014 23:30	Near Lamp Post FC 4596, Sham Hong Road, Sham Tseng	Sham Tseng San Tsuen & Sham Tseng Commercial New Village
14/2/2014	14/2/2014 14:30	14/2/2014 15:30	No.49 Sham Tseng San Tsuen, Sham Tseng	No.35-49, Sham Tseng San Tsuen
15/2/2014	15/2/2014 18:00	15/2/2014 20:15	Near Lamp Post FB 5806 Ma Wan Fisherman Village	Ma Wan Fisherman Village
17/2/2014	17/2/2014 20:00	17/2/2014 22:30	No. 355 Castle Peak Road, Ting Kau	No. 355 Castle Peak Road, Ting Kau
18/2/2014	18/2/2014 10:30	18/2/2014 10:45	No.24 Sham Tseng Commercial Village Sham Tseng	No.24 Sham Tseng Commercial New Village, Sham Tseng
19/2/2014	19/2/2014 14:00	19/2/2014 15:20	Near No. 1B Fu Yung Shan Village	Fu Yung Shan Village
19/2/2014	19/2/2014 02:00	19/2/2014 13:30	Ma Kok Street Juntion ofTsuen Yip Street	No.120 Texaco Road
23/2/2014	23/2/2014 15:00	23/2/2014 16:30	Near Fire Hydrant 3744 Shing Mun Road	Tsuen Wan Raw Water Pumping Station
25/2/2014	25/2/2014	25/2/2014	Near entrance of Ma	Ma Wan Tung Wan

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	15:00	16:30	Wan Tung Wan Beach Ma Wan	Services Building
27/2/2014	27/2/2014 09:45	27/2/2014 11:10	No.6 Hoi Pa Village, Northeast Terrace	No.6 Hoi Pa Village, Northeast Terrace
28/2/2014	28/2/2014 19:45	28/2/2014 21:45	Back Lane of No. 227 Wo Yi Hop Road	No.225-227 Wo Yi Hop Road
2/3/2014	2/3/2014 09:30	2/3/2014 10:20	Near Lamp Post V1982, Pai Min Kok Tsuen, Sham Tseng	No. 11 Pai Min Kok Tsuen, Sham Tseng
5/3/2014	5/3/2014 21:00	6/3/2014 00:30	No.42 Pak Tin Par Tsuen, Route Twisk	Pak Tin Par Tsuen, Route Twisk
5/3/2014	5/3/2014 17:45	5/3/2014 19:00	Near No.118 Lo Wai Tsuen	No.118-135 Lo Wai Tsuen
6/3/2014	6/3/2014 09:20	6/3/2014 10:00	18A, Lo Wai Tsuen	No.18, 18A ,18B, 18C, Lo Wai Tsuen
7/3/2014	7/3/2014 20:00	7/3/2014 21:30	Near Public Toilet, Pak Tin Par San Tsuen	Pak Tin Par San Tsuen
7/3/2014	7/3/2014 19:00	7/3/2014 20:20	Back Lane No.29 Hoi Pa Village, Northeast Terrace	No.29 Hoi Pa Village, Northeast Terrace
7/3/2014	7/3/2014 16:50	7/3/2014 17:15	Back Lane of No. 272 Yau Ma Hom Resite Village	No.272 Yau Ma Hom Resite Village
9/3/2014	9/3/2014 11:40	9/3/2014 14:45	Near Fire Hydrant 3738 Route Twisk	Part of Kwong Pan Tin Tsuen
10/3/2014	10/3/2014 11:50	10/3/2014 13:45	Back Lane of No. 225 Wo Yi Hop Road	No.225-227 Wo Yi Hop Road
11/3/2014	11/3/2014 19:35	11/3/2014 20:55	8 Tai Ho Road	Tsuen Wan Blood Donor Centre
12/3/2014	12/3/2014 18:30	12/3/2014 19:30	1B Fu Yung Shan Tsuen	Fu Yung Shan Tsuen
13/3/2014	13/3/2014 18:40	13/3/2014 19:30	No. 68 Sha Tsui Road	No.40-68 Sha Tsui Road
13/3/2014	13/3/2014 14:30	13/3/2014 15:45	Near Lamp Post 9316 Ham Tin Village	Part of Ham Tin Village
16/3/2014	16/3/2014 11:00	16/3/2014 12:10	Near Playground Tsuen Wing Street	Tsuen Wing Street Playground, Young Ya Industrial Building
16/3/2014	16/3/2014 15:30	16/3/2014 20:30	Back Lane of Luen Yan Street Near Refuse Collection Point	Luen Yan Street Refuse Collection Point
21/3/2014	21/3/2014 11:15	21/3/2014 11:50	Back Lane of No.200 Yau Ma Hom Resite Village	No.200 Yau Ma Hom Resite Village

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
21/3/2014	21/3/2014 15:25	21/3/2014 16:05	No.274 Yau Ma Hom Resite Village	No.274 Yau Ma Hom Resite Village
31/3/2014	31/3/2014 18:35	1/4/2014 00:30	Near Lamp Post W1528 Shing Mun Road	Part of Shing Mun Road
6/4/2014	6/4/2014 15:00	6/4/2014 17:25	Near No.107 Lo Wai Tsuen	No.81, 107, 117, 116 Lo Wai Tsuen
6/4/2014	6/4/2014 10:50	6/4/2014 11:30	Back Lane of No.97 Kwan Mun Hau Tsuen	No.97 Kwan Mun Hau Tsuen
7/4/2014	7/4/2014 22:00	7/4/2014 23:00	Shing Mun Road, Near Texaco Road North	No.8-10 Shing Mun Road
9/4/2014	9/4/2014 18:00	9/4/2014 20:05	Near Lamp Post W2683 Route Twisk	Kwong Pan Tin Tsuen
11/4/2014	11/4/2014 18:30	11/4/2014 21:15	Near No.28B Sham Tseng Kau Tsuen Sham Tseng	Part of Sham Tseng Kau Tsuen
17/4/2014	18/4/2014 02:00	18/4/2014 07:00	Junction of Castle Peak Road- Tsuen Wan and Kwan Mun Hau Street	Wald of Centre
19/4/2014	19/4/2014 15:05	19/4/2014 17:00	Near No.133 Lo Wai Tsuen Tsuen Wan	No.118-135 Lo Wai Tsuen
20/4/2014	20/4/2014 15:46	20/4/2014 19:30	Near Lam Post SPTP/019/C Pak Tin Par Tsuen	Public toilet of Pak Tin Par Tsuen
22/4/2014	23/4/2014 00:30	23/4/2014 04:30	Kwok Shui Road Park Near Public Toilet	Kwok Shui Road Park Public Toilet, Tai Wo Hau MTR Station, Shing Mun Valley Swimming Pool
22/4/2014	22/4/2014 06:30	23/4/2014 01:30	No.603-609, Castle Peak Road	No.603-609, Castle Peak Road
22/4/2014	22/4/2014 09:30	22/4/2014 14:00	Near Lamp Post AC5422 Tsuen Kwai Street	Tsuen Kwai Street , Tsuen Fu Street, Tsuen Wing Street
23/4/2014	23/4/2014 15:00	23/4/2014 16:15	Near Fire Hydrant 239 Kwok Shui Road	No.116-130 Kwok Shui Road
24/4/2014	24/4/2014 12:45	24/4/2014 15:00	Near No.2C Sham Tseng San Tsuen	No.1-35 Sham Tseng San Tsuen
24/4/2014	24/4/2014 18:30	24/4/2014 21:30	No.234 Yau Ma Hon Tsuen	No.234 Yau Ma Hon Tsuen
24/4/2014	24/4/2014 10:05	24/4/2014 12:00	Back Lane of No. 30 Yi Pei Square Tsuen Wan	No.30 Yi Pei Square
26/4/2014	27/4/2014 09:30	27/4/2014 14:00	Back Lane of No. 8 Tso Kung Square	No.6-10 Tso Kung Square

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
29/4/2014	29/4/2014 10:55	29/4/2014 15:36	Near Swan Neck 5168, Route Twisk, Chuen Lung	Part of Chuen Lung Village
1/5/2014	1/5/2014 11:30	1/5/2014 13:10	No.90 Hoi Pa San Tsuen, Kwok Shui Road	No.88-92 Hoi Pa San Tsuen, Kwok Shui Road
2/5/2014	2/5/2014 14:05	2/5/2014 15:30	Back Lane of No. 39 Ho Pui Tsuen	No.39 Ho Pui Tsuen
2/5/2014	2/5/2014 17:20	2/5/2014 19:15	Back Lane of No. 38 Ho Pui Tsuen	No. 30-45 Ho Pui Tsuen
2/5/2014	2/5/2014 09:36	2/5/2014 15:00	Back Lane of No.37 Tsuen Wa Market Street	No.27-37 Tsuen Wa Market Street
2/5/2014	3/5/2014 09:32	3/5/2014 10:09	Back Lane of No. 75 Yeung Uk Road	No. 75 Yeung Uk Road
3/5/2014	3/5/2014 13:25	3/5/2014 15:05	Near No.46 Tai Pak Tin Village	Part of Tai Pak Tin Village
14/5/2014	14/5/2014 10:50	14/5/2014 12:00	Near Lamp Post VC1039 Sheung Kok Shan Road, Lo Wai	Part of Lo Wai Village
14/5/2014	14/5/2014 16:15	14/5/2014 17:10	Near Lamp Post VC0449 Sheung Kok Shan Road, Lo Wai	Part of Lo Wai Village
15/5/2014	15/5/2014 10:22	15/5/2014 14:38	Near Lamp Post AC 2013, Tsuen Wing Street	Tsuen Wing Street Playground
18/5/2014	18/5/2014 16:22	18/5/2014 20:20	Near Lamp Post A9138 Ha Fa Shan	Ha Fa Shan Tsuen
20/5/2014	20/5/2014 10:15	20/5/2014 13:30	Near Lamp Post VC 1521 Lo Wai Tsuen Lo Wai	No.2-8 Lo Wai Tsuen
21/5/2014	21/5/2014 18:45	22/5/2014 00:05	Near No. 45 Shui Wo Street	No.45 Shui Wo Street
22/5/2014	22/5/2014 14:45	22/5/2014 16:00	Back Lane of No. 24 Fu Yung Street	Part of Fu Yung Street
23/5/2014	23/5/2014 22:00	24/5/2014 00:30	Near Lamp Post U7497, Sham Tseng Tsuen Road Sham Tseng	Sham Tseng Tsuen Road
24/5/2014	24/5/2014 15:15	24/5/2014 18:00	Back Lane of No.7 Yeung Uk Tsuen	No.67 Yeung Uk Tsuen
25/5/2014	25/5/2014 14:40	25/5/2014 15:20	Tso Kung Tam Tsuen, Route Twisk	Tso Kung Tam Tsuen,
25/5/2014	25/5/2014 09:30	25/5/2014 11:00	Back Lane of No. 108 Kwan Hau Tsuen	108 Kwan Mun Hau Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
26/5/2014	26/5/2014 20:10	26/5/2014 22:50	Back Lane of No.7 Lei Shu Road	1-17, Lei Shu Road
26/5/2014	26/5/2014 17:27	26/5/2014 20:00	Near Lamp Post VC0248 Lung Yue Road Tsing Lung Tau	Lung Yue Road No.92
28/5/2014	28/5/2014 23:00	29/5/2014 00:00	Near Lamp Post U7506 , Sham Tseng Tsuen Road, Sham Tseng	Sham Tseng Tsuen ,
28/5/2014	28/5/2014 18:20	28/5/2014 22:00	No. 23 Castle Peak Road, Tai Lam	No.23-33 Castle Peak Road
28/5/2014	28/5/2014 14:00	28/5/2014 16:15	Near Lamp Post U7497 ,Sham Tseng Tsuen Road, Sham Tseng	Sham Tseng Tsuen, Sham Tseng
30/5/2014	31/5/2014 01:30	31/5/2014 04:15	Near Lamp Post SHMC/D/0076 Fat Yip Lane	No.8 Fat Yip Lane
31/5/2014	31/5/2014 10:30	31/5/2014 13:45	Near Lamp Post SUKPT/D/0022 Kwong Pan Tin San Tsuen	Part of Kwong Pan Tin San Tsuen
1/6/2014	1/6/2014 11:00	1/6/2014 22:00	Near No.2-6 Ma Kok Street	No.120, Texaco Road
2/6/2014	2/6/2014 10:10	2/6/2014 11:10	Back Lane of No.28 Hoi Pa Street	No.22-28 Hoi Pa Street
4/6/2014	4/6/2014 18:35	4/6/2014 19:45	Near Lamp Post SFYS/D/039 Fu Yung Shan Road	Part of Fu Yung Shan Road
5/6/2014	5/6/2014 10:15	5/6/2014 11:00	Near Tso Kung Tam Tsuen, Route Twisk	Tsuen Wan West Ultra High Level Fresh Water Pumping Station
11/6/2014	11/6/2014 22:00	12/6/2014 00:30	Back Lane of No. 27 Wo Tik Street	No.23-33 Wo Tik Street
16/6/2014	16/6/2014 14:00	16/6/2014 15:05	Near No.148, Yi Pei Chun	Part of Yi Pei Chun
16/6/2014	16/6/2014 16:30	16/6/2014 17:00	Back Lane of No. 281 Sha Tsui Road	No. 281 Sha Tsui Road
16/6/2014	16/6/2014 10:30	16/6/2014 11:30	Near No. 364 Sha Tsui Road	No.364-366 Sha Tsui Road
18/6/2014	18/6/2014 19:00	18/6/2014 21:30	Near Swan Neck 416Pak Tin Par Tsuen, Tsuen Wan	Public toilet, Pak Tin Par Tsuen ,Tsuen Wan
20/6/2014	20/6/2014 16:00	20/6/2014 17:58	No.202 Texco Road	No.150-182, Texco Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
21/6/2014	21/6/2014 16:36	21/6/2014 17:10	Section I, Kwong Pan Tin Tsuen , Route Twisk	Section I, Kwong Pan Tin Tsuen, Route Twisk
21/6/2014	21/6/2014 17:15	21/6/2014 17:30	No.51 ,Kwong Pan Tin Tsuen, Route Twisk	No.51,Kwong Pan Tin Tsuen, Route Twisk,
23/6/2014	23/6/2014 10:00	23/6/2014 10:48	Near Fire Hydrant 5901, Wing Shun Street	Tsuen Wan Park
24/6/2014	24/6/2014 14:00	24/6/2014 17:00	No. 8 Ma Kok Street	No. 8-12 Ma Kok Street
27/6/2014	27/6/2014 22:00	28/6/2014 00:30	Back Lane of No. 331 Sha Tsui Road	No.331 Sha Tsui Road
27/6/2014	27/6/2014 18:45	27/6/2014 23:05	No. 95 Chai Wan Kok Street	No. 95 Chai Wan Kok St.
29/6/2014	29/6/2014 11:00	29/6/2014 12:15	Near Lamp Post VA0905 Sam Tip Tam Lo Wai Road	Part of Sam Tip Tam Lo Wai Road
1/7/2014	1/7/2014 10:00	1/7/2014 11:30	Wo Yi Hop Road near Lam Post FA9981, Kwai Chung	Wo Yi Hop Road Substation.
2/7/2014	2/7/2014 14:30	2/7/2014 15:30	Near No. 141 Lo Wai Tsuen	Lo Wai Tsuen
3/7/2014	3/7/2014 10:30	3/7/2014 11:30	No.134 Tsing Lung Tau San Tsuen Tsing Lung Tau	No.133-134 Tsing Lung Tau San Tsuen
3/7/2014	3/7/2014 09:42	3/7/2014 11:02	No.11, Ho Pui Tsuen, Kwok Shui Road	Hoi Pui Tsuen No.8-15
4/7/2014	4/7/2014 14:00	4/7/2014 15:00	Near Lamp Post DC0560, Hoi Pa Street	Cheong Tai Building
5/7/2014	6/7/2014 00:30	6/7/2014 07:30	Back Lane of No. 188 Texaco Road	Ma Kok Street
8/7/2014	8/7/2014 10:25	8/7/2014 15:35	Near Lamp Post FC3733, Tsuen Yip Street	Block 2 , Leader Industrial Centre
8/7/2014	8/7/2014 13:30	8/7/2014 14:45	Back Lane of No. 11 Yeung Uk Tsuen	No.11 Yeung Uk Tsuen
9/7/2014	9/7/2014 09:30	9/7/2014 10:15	No.21 Sham Tseng Village Sham Tseng	No.17-23, Sham Tseng Village , Sham Tseng ,
9/7/2014	9/7/2014 02:30	9/7/2014 09:30	Near Lamp Post FC 0593 Chai Wan Kok Street	Part of Chai Wan Kok Street
11/7/2014	11/7/2014 09:30	11/7/2014 15:30	Near Lamp Post W4443,Chuen Lung Village, Route Twisk	Sun Hoi Tin Village , Chun Ha Village, Chuen Lung, Route Twisk

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
14/7/2014	14/7/2014 10:00	14/7/2014 16:10	Near No. 118, Lo Wai Tsuen	Part of Lo Wai Tsuen
14/7/2014	14/7/2014 14:26	14/7/2014 17:15	Near Lamp Post SPTP/018/C Pak Tin Pa San Tsuen	Pak Tin Pa San Tsuen
15/7/2014	15/7/2014 15:10	15/7/2014 20:10	Near No.95 Chai Wan Kok Street Tsuen	No. 83-95, Chai Wan Kok Street, Tsuen Wan
16/7/2014	16/7/2014 15:30	16/7/2014 17:00	Near No. 62 ,Sheung Kwai Chung Village	No.61-62, Sheung Kwai Chung Village
16/7/2014	16/7/2014 11:30	16/7/2014 12:15	Back Lane of No. 108 Chung On Street	No.108 Chung On Street
17/7/2014	17/7/2014 14:35	17/7/2014 15:00	No.2-6, Sha Tsui Road	No. 2-6, Sha Tsui Road
18/7/2014	18/7/2014 18:45	18/7/2014 20:10	No.459 Castle Peak Road Wah Lik Industrial Centre	No.455-457, Chinachem Tsuen Wan Plaza
20/7/2014	21/7/2014 22:00	22/7/2014 05:40	Near Lamp Post FA5863 Shek Wai Kok Road	Shing Mun Valley Swimming Pool and Wai Tsuen Sports Centre
23/7/2014	23/7/2014 10:00	23/7/2014 11:00	No.218 Section II Kwong Pan Tin Village	No.218 Kwong Pan Tin Village, Section II, Tsuen Wan
24/7/2014	24/7/2014 02:00	24/7/2014 04:30	Near No.88 Texaco Road	No.88-96 Texaco Road.
28/7/2014	28/7/2014 17:25	28/7/2014 18:30	Near Fire Hydrant 10915,Gemini Beaches, Sham Tseng	Gemini Beaches
29/7/2014	29/7/2014 10:30	29/7/2014 11:15	DD355A, Aztec Lodge, Ting Kau	DD355A, No.1-7, Aztec Lodge, Ting Kau
29/7/2014	29/7/2014 14:45	29/7/2014 22:00	Near Lamp Post FC0592 Chai Wan Kok Street	No.60-90 Chai Wan Kok Street
30/7/2014	30/7/2014 15:25	30/7/2014 16:30	Near No. 25 Sam Tung Uk Resite Village	No.25 Sam Tung Uk Village
1/8/2014	1/8/2014 10:35	1/8/2014 11:15	Near Swan Neck 5168 Chuen Lung Tsuen	Part of Chuen Lung Tsuen
1/8/2014	1/8/2014 15:00	1/8/2014 17:15	Near No.65 Fu Yung Shan New Village	Part of Fu Yung Shan New Village
8/8/2014	8/8/2014 10:10	8/8/2014 11:00	Near Lamp Post DC1828 Chung On Street	No.86 Chung On Street
12/8/2014	12/8/2014 15:00	12/8/2014 16:40	Near Fire Hydrant 114 Texcao Road	No.186-188 Texaco Road
12/8/2014	12/8/2014	12/8/2014	No.46, Ting Kau	No.42-48,Ting Kau

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	09:40	10:45	Village, Ting Kau	Village, Ting Kau
13/8/2014	13/8/2014 09:20	13/8/2014 11:28	No.12 Chuen Lung Street	No. 2-30, Chuen Lung Street
16/8/2014	16/8/2014 20:45	16/8/2014 22:45	Junction of Chuen Lung Street and Hau Tei Square	Lady Trench Polyclinic
17/8/2014	17/8/2014 11:50	17/8/2014 12:50	Back Lane of No.88 Chung On Street	No.88 Chung On Street
18/8/2014	18/8/2014 13:58	18/8/2014 14:41	No.21 Tai Pei Square	No.9-31 Tai Pei Square
18/8/2014	18/8/2014 14:52	18/8/2014 15:55	Near Lamp Post TK0108, Ting Yat Rd, Ting Kau	One House
19/8/2014	19/8/2014 11:15	19/8/2014 11:49	Back Lane of No.327, Wo Yi Hop Road	No.327-335 Wo Yi Hop Road
21/8/2014	21/8/2014 16:30	21/8/2014 19:20	Lamp Post W1981, Shing Mun Road	No.9 Shing Mun Road
22/8/2014	22/8/2014 16:08	22/8/2014 17:09	No.2 Chung Kwai Chung Tsuen	No.2 Chung Kwai Chung Tsuen
22/8/2014	22/8/2014 16:05	22/8/2014 17:35	Near No.27, Yi Pei Square	No.27 Yi Pei Square
23/8/2014	23/8/2014 09:20	23/8/2014 10:00	No.14 Sam Pei Square	No.14-20 Sam Pei Square
25/8/2014	25/8/2014 09:45	25/8/2014 11:00	Back Lane of No.18 Sam Pei Square	No.18 Sam Pei Square
25/8/2014	25/8/2014 16:30	25/8/2014 17:45	Near Lamp Post AC1449 Tsuen King Circuit	Ha Fa Shan Tsuen
26/8/2014	26/8/2014 16:45	26/8/2014 19:00	Near No.115 Tsuen Wan Market Street	No.133 Castle Peak Road
26/8/2014	26/8/2014 14:15	26/8/2014 19:50	Near Public Toilet, Pak Tin Pa Tsuen	Part of Pak Tin Pa Tsuen
27/8/2014	27/8/2014 15:49	27/8/2014 17:30	No.103 Lo Wai Village	No.103-120 Lo Wai Village
29/8/2014	29/8/2014 22:46	29/8/2014 23:40	No.15 Castle Peak Road Tsing Lung Tau	No.15 Castle Peak Road Tsing Lung Tau
1/9/2014	1/9/2014 14:09	1/9/2014 14:42	Near Lamp Post 1672, Lo Wai Road	No.9 Lo Wai Road
2/9/2014	4/9/2014 13:45	4/9/2014 15:20	Near Tsuen Wan Salt Water Pumping Station	Part of Tai Chung Road
4/9/2014	4/9/2014 13:47	4/9/2014 14:48	No.28 Sham Tseng San Tsuen Sham Tseng	No.26-28 Sham Tseng San Tsuen
5/9/2014	5/9/2014	5/9/2014	Near Fire Hydrant 9679,	Ma Wan No.2, Fresh

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	16:06	17:00	Ma Wan, No.2 , Fresh Water Service Reservoir	Water Service Reservoir
6/9/2014	6/9/2014 17:27	6/9/2014 23:43	Near Swan Neck 416, Pak Tin Pa San Tsuen	Part of Pak Tin Pa San Tsuen
6/9/2014	6/9/2014 10:25	6/9/2014 13:30	Near No.36, Hoi Pa Tsuen	No.30 -36 Hoi Pa Tsuen
10/9/2014	10/9/2014 10:45	10/9/2014 11:30	Back Lane No.26B Ting Kau Village Ting Kau	No.26-27 Ting Kau Village
13/9/2014	13/9/2014 14:45	13/9/2014 18:00	Near Lamp Post VC0836 Sham Tseng Village Sham Tseng	No.1-39 Sham Tseng Village
16/9/2014	16/9/2014 11:05	16/9/2014 18:20	Near Lamp Post FB5688, Tak Hoi Street	City Landmark 1
17/9/2014	17/9/2014 14:15	17/9/2014 15:43	Near Swan Neck 416, Pak Tin Pa San Tsuen	Par of Pak Tin Pa San Tsuen
18/9/2014	18/9/2014 22:00	19/9/2014 03:30	Inside Kwok Shui Road Park	Part of Kwok Shui Road Park Hydrant
19/9/2014	19/9/2014 10:00	19/9/2014 11:15	Back Lane of No.196 Yau Ma Hom Resite Village	No.196 Yau Ma Hom Resite Village
24/9/2014	24/9/2014 22:30	24/9/2014 23:45	Near Jing Ho Industrial Building, Tsuen Yip Street	No.178-182 Texaco Road
24/9/2014	24/9/2014 10:00	24/9/2014 11:30	Near No.140, Lo Wai Tsuen Tsuen Wan	Part of Lo Wai Tsuen
24/9/2014	24/9/2014 15:00	24/9/2014 19:50	Near Lamp Post SPTP/019/C, Pak Tin Pa San Tsuen	Part of Pak Tin Pa San Tsuen
25/9/2014	25/9/2014 16:00	25/9/2014 19:00	Near No.40-50, Sha Tsui Road Tsuen Wan	No.40-50, Sha Tsui Road, Tsuen Wan
29/9/2014	29/9/2014 10:15	29/9/2014 11:30	Near No.1 Heung Wo Street	No.1-3 Heung Wo Street
29/9/2014	30/9/2014 23:45	1/10/2014 04:25	Near Lamp Post DC0573 Castle Peak Road, Sham Tseng	Part of Sham Tseng
1/10/2014	2/10/2014 11:30	2/10/2014 14:20	Near No.92 Hoi Pa San Tsuen	No.88-92 Hoi Pa San Tsuen
3/10/2014	3/10/2014 13:57	3/10/2014 15:05	Near No. 135-143 Tsuen Wan Market Street	No.117-143 Tsuen Wan Market Street
4/10/2014	4/10/2014 09:45	4/10/2014 11:30	Near No.86 Kwong Pan Tin Tsuen	No.70-90 Kwong Pan Tin Tsuen
4/10/2014	4/10/2014	4/10/2014	No. 81 Sham Tseng	No.81 Sham Tseng Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	18:30	20:00	Tsuen	
6/10/2014	6/10/2014 16:23	6/10/2014 16:38	Near No.34A Lo Wai Village	Part of Lo Wai Village
6/10/2014	6/10/2014 12:30	6/10/2014 14:05	Near No.2A Ngong Tong Tsuen, Chuen Lung	No.2A Ngong Tong Tsuen
8/10/2014	8/10/2014 05:50	9/10/2014 02:10	Near Fire Hydrant 2009 Texaco Road North	Shing Mun Vallage Swimming Pool
8/10/2014	8/10/2014 21:05	9/10/2014 04:00	Near Lamp Post W2695 Route Twisk	Part of Pak Tin Pa San Tsuen
9/10/2014	9/10/2014 14:00	9/10/2014 16:50	Near No.42 Pak Tin Pa San Tsuen	Part of Pak Tin Pa San Tsuen.
10/10/2014	10/10/2014 09:50	10/10/2014 11:00	Near No.25 Sham Tseng San Tsuen, Sham Tseng	No.25 Sham Tseng San Tsuen
11/10/2014	11/10/2014 13:50	11/10/2014 14:50	No.28. Tai Chung Road	No.22-28 Tai Chung Road
12/10/2014	12/10/2014 21:10	13/10/2014 00:15	Near Lamp Post FA4700 Texaco Road	Tsuen Wan Driving Test Centre
13/10/2014	13/10/2014 13:45	13/10/2014 14:55	Near No.31. Ho Pui Tsuen. Kwok Shui Road	No.31 Ho Pui Tsuen
13/10/2014	13/10/2014 11:05	13/10/2014 12:00	Near Lamp Post VC1070 Ting Kau Village	Part of Ting Kau Village
15/10/2014	15/10/2014 10:30	15/10/2014 11:30	No.932 Kwan Mun Hau Tsuen.	Part of Kwan Mun Hau Tsuen and Yeung Uk Tsuen
20/10/2014	20/10/2014 10:15	20/10/2014 11:35	Near No.1 Ho Pui Tsuen.	No.1-3 Ho Pui Tsuen
22/10/2014	22/10/2014 10:40	22/10/2014 12:00	Near Refuse Collection Point, Wo Yi Hop Tsuen Shing Mun Road	Part of Wo Yi Hop Tsuen
22/10/2014	22/10/2014 18:30	22/10/2014 20:00	Back Lane of No.92 Hoi Pa San Tsuen	92 Hoi Pa San Tsuen
23/10/2014	23/10/2014 14:40	23/10/2014 15:40	Near Lamp Post VA8585 Lo Wai Village	Tung Kok Monastery, Lo Wai Village
23/10/2014	23/10/2014 10:00	23/10/2014 11:00	No.226 Yau Ma Hom Resite Village	No.226-314 Yau Ma Hom Resite Village
24/10/2014	24/10/2014 10:30	24/10/2014 11:30	Near No.71 Wo Yi Hop Tsuen	Part of Wo Yi Hop Tsuen
24/10/2014	24/10/2014 16:15	24/10/2014 17:30	Near Lamp Post CC0547 Lo Wai Tsuen	Part of Lo Wai Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
25/10/2014	25/10/2014 14:30	25/10/2014 15:30	Back Lane of No.162 Tsuen Wan Market Street	No.162 Tsuen Wan Market Street
26/10/2014	26/10/2014 13:45	26/10/2014 16:15	Back Lane of No.51 Heung Wo Street	No.43-59 Heung Wo Street
4/11/2014	4/11/2014 14:30	4/11/2014 16:50	Near Lamp Post FA 5494 Route Twisk	Ho Koon Nature Education Cum Astronomical Center
5/11/2014	5/11/2014 16:00	5/11/2014 17:25	Near No.8 Kwong Pan Tin Tsuen	Part of Kwong Pan Tin Tsuen
6/11/2014	6/11/2014 14:15	6/11/2014 15:45	Near No.28 Fu Yung Shan Road.	No.28 Fu Yung Shan Road
7/11/2014	8/11/2014 00:20	8/11/2014 02:15	Near Lamp Post AC 1986 Tsuen Wan Market Street	Maurine Grantham Health Centre
9/11/2014	9/11/2014 09:30	9/11/2014 11:00	Near No.42 Pak Tin Pa Tsuen	Part of Pak Tin Pa Tsuen
10/11/2014	10/11/2014 15:40	10/11/2014 16:20	Near Lamp Post BC 2460 Castle Peak Road	No,99-113 Castle Peak Road
11/11/2014	11/11/2014 10:30	11/11/2014 11:20	Near No.40 Sha Tsui Road	No.40-66 Sha Tsui Road
13/11/2014	13/11/2014 14:00	13/11/2014 16:30	Near Lamp Post FB2852 Ting Fung Street	Part of Yeung Uk Tsuen & Hoi Pa San Tsuen
15/11/2014	15/11/2014 19:00	15/11/2014 20:20	Near No.8 Hoi Pui Tsuen	No.1-8 Ho Pui Tsuen
18/11/2014	18/11/2014 16:45	18/11/2014 17:50	Near Lamp Post VC2131 Ting Kau Village	No.115 Ting Kau Village.
18/11/2014	18/11/2014 10:15	18/11/2014 11:05	No.62B Sham Tseng Kau Tsuen	Part of Sham Tseng Kau Tsuen
19/11/2014	19/11/2014 10:50	19/11/2014 19:30	Near Lamp Post FC2675 Sha Tsui Road	Watering Flowers Meter
19/11/2014	19/11/2014 16:30	19/11/2014 17:30	Near Lamp Post VA9143 Ha Fa Shan	Part of Ha Fa Shan
21/11/2014	21/11/2014 12:15	21/11/2014 16:00	Near Fire Hydrant 3097 Hoi Hing Road.	Hoi Hing Road Park
22/11/2014	23/11/2014 09:00	23/11/2014 14:20	Near No.22B1 Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
24/11/2014	24/11/2014 15:20	24/11/2014 17:00	Near Lamp Post DC0277 Castle Peak Road	Watering Flowers Meter
24/11/2014	24/11/2014 10:20	24/11/2014 11:25	Near No.96B Lo Wai Tsuen	Part of Lo Wai Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
25/11/2014	25/11/2014 21:00	26/11/2014 01:30	Back Lane of No.115 Sha Tsui Road	No.101-119 Sha Tsui Road
25/11/2014	25/11/2014 13:15	25/11/2014 14:20	Near No.10A1 Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen.
26/11/2014	26/11/2014 15:58	26/11/2014 16:50	Back Lane of No.53 Hoi Pa San Tsuen	No.51-53 Hoi Pa San Tsuen
27/11/2014	27/11/2014 12:00	27/11/2014 13:05	Near Lamp Post FC3243 Pun Shan Street	Hing Fung Printing & Dyering Factory Ltd
27/11/2014	27/11/2014 14:05	27/11/2014 15:00	Near No.57 Sham Tseng Village	No.57 Sham Tseng Village
29/11/2014	29/11/2014 14:20	29/11/2014 16:00	Texaco Road near Lamp Post FA1812	Po Yip Building
3/12/2014	3/12/2014 13:30	3/12/2014 19:10	Near Lamp Post FA1726 Lai Chi Road	Belvedere Garden Phase 3 Fire System
3/12/2014	3/12/2014 10:15	3/12/2014 11:30	Back Lane of No.36 Yeung Uk Tsuen	No.36 Yeung Uk Tsuen
4/12/2014	4/12/2014 16:20	5/12/2014 11:00	Near Lamp Post FC0342 Tai Ho Road	Part of Tai Ho Road
5/12/2014	5/12/2014 15:25	5/12/2014 17:10	Back Lane of No. 73 Sam Tung Uk Resite Village	No.73-74 Sam Tung Uk Resite Village.
7/12/2014	7/12/2014 21:00	7/12/2014 21:45	Backlane of No.61 Sham Tseng Kau Tsuen	No.10B. 61 & 60A Sham Tseng Kau Tsuen
7/12/2014	7/12/2014 18:45	7/12/2014 19:10	Near No.29A Sham Tseng San Tsuen	No.18. 10 & 29A Sham Tseng San Tsuen
11/12/2014	11/12/2014 15:45	11/12/2014 16:55	Near No. 11 Hoi Pa Village, Northeast Terrace	Part of Hoi Pa Villagem Northeast Terrace
11/12/2014	11/12/2014 10:30	11/12/2014 12:30	Back Lane of Sandoz Centre, Tsuen Yip Street	Sandoz Centre
11/12/2014	11/12/2014 17:45	11/12/2014 19:35	Back of No. 3 Ho Pui Tsuen	No.1-4 Ho Pui Tsuen
12/12/2014	12/12/2014 17:00	12/12/2014 20:00	Np. 101 Route Twisk	No. 101 Route Twisk
12/12/2014	12/12/2014 17:30	12/12/2014 20:30	Near Swan Neck 5632, Hong Man Sheung Tsuen	Part of Hong Man Sheung Tsuen
15/12/2014	15/12/2014 15:15	15/12/2014 17:05	Near No. 24 Yau Kom Tau Village	Part of Yau Kom Tau Village
16/12/2014	16/12/2014 09:50	16/12/2014 10:30	Near No. 12 Sham Tseng West Village	Part of Sham Tseng West Village
17/12/2014	17/12/2014 13:00	17/12/2014 14:00	Near Lamp Post V5919, Yi Pei Chun Lo Wai	Yi Pei Chun Lo Wai

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
17/12/2014	17/12/2014 15:40	17/12/2014 16:30	No. 17A Tsing Lung Tau	Tsing Lung Tau Tsuen
20/12/2014	21/12/2014 01:30	21/12/2014 03:00	Near No. 48 Castle Peak Road	Chan Kee Commercial Centre
24/12/2014	24/12/2014 11:35	25/12/2014 05:30	Junction of Castle Peak and Tai Ho Road	Tai Ho Road Flower Meter
30/12/2014	30/12/2014 15:50	30/12/2014 17:30	Near Lamp Post DC0279, Tsuen Fung Centre	Flower Meter
30/12/2014	30/12/2014 09:20	30/12/2014 11:30	Near No. 204 Ma Kok Lane	Wo Foo Building
30/12/2014	30/12/2014 12:30	30/12/2014 13:30	Near Lamp Post V9700, Tsing Fai Tong New Village, Sham Tseng	No.60-68 Tsing Fai Tong New Village
31/12/2014	31/12/2014 14:15	31/12/2014 15:45	Near Lamp Post FB5812, Fang Yuen Road, Ma Wan	Fung Shing Village, Ma Wan
1/1/2015	1/1/2015 13:50	1/1/2015 15:00	No. 16 Sheung Kwai Chung Village	Part of Sheung Kwai Chung Village
1/1/2015	2/1/2015 17:00	2/1/2015 19:45	Near Lamp Post DC1455 Hoi On Road	Tsuen Wan West Sports Centre, HK Baptist Convention Primary School
2/1/2015	2/1/2015 14:10	2/1/2015 15:15	Near Lamp Post VC2209 Sheung Kwai Chung Village	Part of Sheung Kwai Chung Village
3/1/2015	3/1/2015 09:30	3/1/2015 20:00	Near No. 125A Chuen Lung Street	No.88 & 118 Chuen Lung Street
5/1/2015	5/1/2015 13:10	5/1/2015 15:00	Near Lamp Post FA1730 Lai Shun Road	Fat Yip Lane CLP Substation
5/1/2015	5/1/2015 14:00	5/1/2015 17:00	Near No. 18 Tsuen Hing Path	No. 14-18 Tsuen Hing Path
9/1/2015	9/1/2015 17:30	9/1/2015 20:30	Near Lamp Post VA9149 Lo Wai Tsuen, Lo Wai	No.60-70 Lo Wai Tsuen
11/1/2015	11/1/2015 10:00	11/1/2015 11:15	Near Lamp Post VA3695 Yuen Tsuen Ancient Trail	Yau Kom Tau Refuse Collection Point, Yau Kom Tau Village
11/1/2015	11/1/2015 13:30	11/1/2015 16:00	Back of No. 15 Lei Shu Road	No. 1-16 Lei Shu Road
12/1/2015	12/1/2015 00:21	12/1/2015 04:30	Near Lamp Post FA5844 Wai Tsuen Road	No.47-51 Wai Tsuen Road
15/1/2015	15/1/2015	15/1/2015	Yeung Uk Tsuen	No.22 Yeung Uk Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	09:00	09:45		
16/1/2015	16/1/2015 15:32	16/1/2015 19:55	200 Tsuen King Circuit	Sheeny Terrace (Fire Service)
17/1/2015	17/1/2015 14:00	17/1/2015 21:30	Near Lamp Post FC3728 Lung Tak Street	No.11 Lung Tak Street, No. 188-202 Texaco Road
19/1/2015	19/1/2015 10:30	19/1/2015 14:15	Near Lamp Post W1983 Kwok Shui Road	Petrol Station
19/1/2015	19/1/2015 14:40	19/1/2015 16:30	Near No. 23-27 Chai Wan Kok Street	No. 23-51 Chai Wan Kok Street
20/1/2015	20/1/2015 14:00	20/1/2015 21:45	Near No. 7 Kin Ming Street	No. 303-313 Castle Peak Road
21/1/2015	21/1/2015 16:10	22/1/2015 02:10	Near No. 301-309 Sha Tsui Road	No.301-309 Sha Tsui Road
21/1/2015	21/1/2015 13:00	21/1/2015 15:30	No. 64 Sham Tseng Village	No.64-69 Sham Tseng Village
22/1/2015	22/1/2015 15:25	22/1/2015 21:30	Near Lamp Post 3296,Chai Wan Kok Street	No. 5-9 Chai Wan Kok Street
22/1/2015	22/1/2015 12:20	22/1/2015 14:50	Near No. 355A Castle Peak Road	No. 355A Castle Peak Road
24/1/2015	24/1/2015 12:20	24/1/2015 14:15	Back Lane of No. 41 Ting Kau Tsuen	No. 40-41 Ting Kau Tsuen
25/1/2015	25/1/2015 17:20	25/1/2015 19:15	Back of No. 12 Hoi Pa Village Northeast Terrace	No.1-12 Hoi Pa Village Northeast Terrace
27/1/2015	28/1/2015 10:10	28/1/2015 11:00	Near Lamp Post 5010 Wun Tung Street, Tsuen Wan	No. 5-7 & 4-12 Wun Tung Street, Tsuen Wan
28/1/2015	28/1/2015 09:20	28/1/2015 11:10	Near No. 77 Chung On Street	No. 77 Chung On Street
2/2/2015	2/2/2015 14:00	2/2/2015 15:10	Near Lamp Post AC2797 Hoi Pa Village Northesat Terrace	Part of Hoi Pa Village Northeast Terrace
3/2/2015	3/2/2015 15:30	3/2/2015 16:30	Near Yuen Tsuen Ancient Trail	Part of Ha Fa Shan Tsuen
5/2/2015	5/2/2015 10:15	5/2/2015 11:00	Near Lamp Post W3734 Sheung Kok Shan Road	Western Monastery
7/2/2015	7/2/2015 18:20	7/2/2015 20:50	Near No. 96 Chung On Street	No. 96 Chung On Street
7/2/2015	7/2/2015 21:15	8/2/2015 01:45	Near Lamp Post VA8102 Lo Wai Sheng Kok Shan	Part of Lo Wai Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
9/2/2015	9/2/2015 12:55	9/2/2015 15:45	Near Lamp Post V9334 Sham Tseng Kau Tsuen,	Part of Sham Tseng Kau Tsuen
11/2/2015	11/2/2015 14:35	11/2/2015 17:00	Near Lamp Post VA8585 Lo Wai Road	Part of Lo Wai Tsuen
13/2/2015	13/2/2015 14:20	13/2/2015 16:20	Near Lamp Post FC 4597 Sham Tseng Tsuen	Part of Sham Tseng Tsuen
13/2/2015	13/2/2015 10:30	13/2/2015 11:30	Near No. 42 Ma Wan Main Street Village	Part of Ma Wan Main Street Village
13/2/2015	13/2/2015 18:15	13/2/2015 23:00	Lai Shun Road, Near Lamp Post FA1730B	Fat Yip Lane Substation
15/2/2015	15/2/2015 12:30	15/2/2015 16:15	No. 95 Chai Wan Kok Station	No. 83-95 Chai Wan Kok Street
16/2/2015	16/2/2015 14:40	16/2/2015 16:00	Near 15A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
16/2/2015	16/2/2015 11:20	16/2/2015 13:35	Near No. 1 Hilltop, Ham Tin Tsuen	No. 1 Hilltop, Ham Tin Tsuen
17/2/2015	17/2/2015 20:05	17/2/2015 21:30	No. 45 Hoi Pa Resite Village, Yi Pei Chun Road	No. 42-47 Hoi Pa Resite Village
21/2/2015	21/2/2015 17:30	21/2/2015 20:30	No.45 Yau Kom Tau Tsuen Back Lane	45 Yau Kom Tau Tsuen
23/2/2015	23/2/2015 12:55	23/2/2015 15:45	Near Lamp Post AC 4934 Tai Pak Tin Village	Part of Tai Pak Tin Village
24/2/2015	24/2/2015 09:35	24/2/2015 10:20	Near Lamp Post VC0560 Route Twisk	Part of Chuen Lung
26/2/2015	26/2/2015 21:30	27/2/2015 01:00	Near Lamp Post FC3729 Lung Tak Street	No. Lung Tak Street
1/3/2015	1/3/2015 10:00	1/3/2015 11:20	No.45 Yau Kom Tau Tsuen Back Lane	No.45 Yau Kom Tau Tsuen
1/3/2015	1/3/2015 17:25	1/3/2015 21:35	Near Lamp Post FA6906 Fu Yung Shan Road	Chung Kuk Terrace
2/3/2015	2/3/2015 15:38	2/3/2015 16:15	Near No. 45B Fu Yung Shan San Tsuen	Part of Fu Yung Shan San Tsuen
2/3/2015	2/3/2015 09:45	2/3/2015 11:00	No. 36 Chung Kwai Chung Tsuen	No. 36 Chung Kwai Chung Tsuen
3/3/2015	3/3/2015 14:45	3/3/2015 15:50	Near No. 62 Hoi Pa Resite Village	No. 62 Hoi Pa Resite Village
8/3/2015	8/3/2015 16:15	8/3/2015 17:45	Back of No. 124 Sam Tung Uk Resite Village	No. 124 G/F -2/F Sam Tung Uk Resite Village
9/3/2015	9/3/2015	9/3/2015	Kwong Pan Ton San	Kwong Pan Ton San

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	21:30	23:30	Tsuen Near Lamp Post SUKPT/D/007	Tsuen
12/3/2015	12/3/2015 14:45	12/3/2015 16:45	Near No. 115 Tso Kung Square	No. 105-125 Tso Kung Square
13/3/2015	13/3/2015 15:35	13/3/2015 17:00	Near No. 192 Yau Ma Hom Road	Yau Ma Hom Road & Ya Ma Hom Tsuen
14/3/2015	14/3/2015 15:15	14/3/2015 17:50	No. 86 Lo Wai Tsuen, Lo Wai	No. 81-90 Lo Wai Tsuen
17/3/2015	17/3/2015 14:30	17/3/2015 17:20	Near No. 50 Yuen Tun Village, Tsuen Wan	Yuen Tun Village
18/3/2015	18/3/2015 10:05	18/3/2015 11:10	Near No. 48 Yuen Tung Village	Part of Yuen Tung Village
18/3/2015	18/3/2015 21:15	19/3/2015 01:50	Near No. 59 Chai Wan Kok Street	No. 47-63 Chai Wan Kok Street
19/3/2015	19/3/2015 16:10	19/3/2015 21:00	Near Back Lane of No. 16 Chuen Lung Street	No.15-19 Tsuen Wan Market Street, No. 4-18 Chuen Lung Street, No. 2-4A Shiu Wo Street, No. 19-21 Tai Ho Road
19/3/2015	19/3/2015 09:45	19/3/2015 14:00	Near No. 14 Hoi Pa Village South Terrace	No.13-16 Hoi Pa Village South Terrace
21/3/2015	22/3/2015 11:30	22/3/2015 15:00	No. 101 Fu Yung Shan San Tsuen	Part of Fu Yung Shan
23/3/2015	23/3/2015 15:00	23/3/2015 16:30	No. 35 Fu Yung Shan San Tsuen	No. 37 Fu Yung Shan San Tsuen
26/3/2015	26/3/2015 14:55	26/3/2015 15:35	Near No. 33 Ho Pui Tsuen	No. 33 Hoi Pui Tsuen
26/3/2015	26/3/2015 13:30	26/3/2015 15:00	Near Lamp Post AC1323 Hoi Pa Resite Village	No. 1 Hoi Pa Resite Village
27/3/2015	27/3/2015 10:50	27/3/2015 12:30	Back Lane of No. 75 Tai Pa Street	No. 77-83 Tai Pa Street,
28/3/2015	28/3/2015 09:30	28/3/2015 10:30	No. 13 Hoi Pa Village South Terrace	No. 13 Hoi Pa Village South Terrace
30/3/2015	30/3/2015 13:40	30/3/2015 15:40	Near No. 11 Chai Wan Kok Street	No. 11-15 Chai Wan Kok Street
30/3/2015	30/3/2015 17:45	30/3/2015 18:40	Near Lamp Post FA06906 Fu Yung Shan Road	Part of Fu Yung Shan
30/3/2015	30/3/2015 14:20	30/3/2015 15:40	Near Lamp Post VA5830 Fu Yung Shan Road	Part of Fu Yung Shan
31/3/2015	31/3/2015 22:00	1/4/2015 02:30	Near Lamp Post V9396 Chuen Lung Street	Part of Chuen Lung Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
1/4/2015	1/4/2015 09:55	1/4/2015 11:30	Near No. 68 Ho Pui Tsuen	No. 68-73 Ho Pui Tsuen
3/4/2015	3/4/2015 16:31	3/4/2015 21:00	No. 9 Yeung Uk Tsuen	No.8-9 Yeung Uk Tsuen
6/4/2015	6/4/2015 15:12	6/4/2015 21:30	Near No. 23-25 Heung Che Street	Heung Che Street Refuse Collection Point.
8/4/2015	8/4/2015 14:10	8/4/2015 15:15	Near No. 47-53 Shiu Wo Street	No. 47-51 Shiu Wo Street
8/4/2015	8/4/2015 14:21	8/4/2015 17:15	Near No. 932 Kwan Mun Hau Tsuen	No. 29-37 , 111-116, 105-110, 927-932 Kwan Mun Hau Tsuen
9/4/2015	9/4/2015 10:30	9/4/2015 12:25	Near No. 81 Lo Wai	Part of Lo Wai
9/4/2015	9/4/2015 14:00	9/4/2015 15:00	Near Lamp Post FB8522 Lo Wai	Part of Lo Wai
14/4/2015	14/4/2015 14:20	14/4/2015 15:10	Near Lamp Post VC2157 Lo Wai	Part of Lo Wai
14/4/2015	14/4/2015 09:55	14/4/2015 12:00	Near No. 51B Lo Wai	No.50 Lo Wai, Tsuen Wan
16/4/2015	16/4/2015 12:00	16/4/2015 15:10	Near No. 31C Chuen Lung	No.31C Chuen Lung
16/4/2015	16/4/2015 10:20	16/4/2015 11:35	Near No. 53 Hoi Pa San Tsuen	No. 50-53 Hoi Pa San Tsuen
20/4/2015	20/4/2015 18:00	20/4/2015 19:20	Near No. 63 Hoi Pa Resite Village	No. 63 Hoi Pa Resite Village
21/4/2015	21/4/2015 06:00	21/4/2015 12:55	Near Lamp Post AC1254 Tsuen Kwai Street, Tsuen Wan	No.36-48 Tsuen Wah Street, No. 1-27 Tsuen Kwai Street, No. 1-21 Tsuen Fu Street
22/4/2015	22/4/2015 04:55	22/4/2015 09:30	No. 73 Sam Tung Uk Resite Village	No. 73-74 Sam Tung Uk Resite Village
23/4/2015	23/4/2015 14:40	23/4/2015 15:55	Near No. 7 Hoi Pa Restie Village	No. 2-9 Hoi Pa Restie Village
27/4/2015	27/4/2015 09:50	27/4/2015 11:40	Near Lamp Post FB6176 Sheung Kwai Chung Tsuen	No. 78-79 Sheung Kwai Chung Tsuen
28/4/2015	28/4/2015 09:55	28/4/2015 11:30	Back of No. 251 Wo Yi Hop Road	No. 249-335 Wo Yi Hop Road, No.1-17 Lei Shui Road
8/5/2015	8/5/2015 14:05	8/5/2015 15:45	Near Lamp Post VC 1659 Chuen Lung Street	No. 72-78 Chuen Lung
10/5/2015	10/5/2015 14:45	10/5/2015 16:30	Back of No. 36 Han Tin Tsuen Kwok Shui Road	No. 34-37 Han Tin Tsuen
11/5/2015	11/5/2015	12/5/2015	Near No. 83 Chai Wan	No. 83-95 Chai Wan Kok

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	16:45	00:20	Kok Street	Street
12/5/2015	12/5/2015 20:00	12/5/2015 22:45	Near No. 408B Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
18/5/2015	18/5/2015 11:00	18/5/2015 23:30	Near No. 11 Lung Tak Street	No. 11 Lung Tak Street, No. 188-202 Texaco Road
21/5/2015	21/5/2015 23:00	22/5/2015 06:00	Near Lamp Post FC2623, Castle Peak Road	Fire Service of Kong Nam Industrial Building
26/5/2015	26/5/2015 18:40	26/5/2015 19:40	Near DD454 Lot 267, Shing Mun Lane	Part of Wo Yi Hop Tsuen
1/6/2015	1/6/2015 20:30	1/6/2015 23:00	Near No. 9 Hoi Pa Village South Terrace	No. 1-21 Hoi Pa Village South Terrace
2/6/2015	2/6/2015 14:30	2/6/2015 16:30	Back of No. 10 Hoi Pa Village South Terrace	No. 1-21 Hoi Pa Village South Terrace
4/6/2015	4/6/2015 11:05	4/6/2015 17:10	Near No. 65A Fu Yung Shan San Tsuen	Part of Fu Yung Shan San Tsuen
6/6/2015	6/6/2015 13:50	6/6/2015 18:00	Near No. 65 San Tsuen, Fu Yung Shan Road	No. 65 San Tsuen
7/6/2015	7/6/2015 18:40	7/6/2015 19:40	Near No. 22 Hoi Pa Village Northeast Terrace	Part of Hoi Pa Village Northeast Terrace
8/6/2015	8/6/2015 15:20	8/6/2015 17:10	Near Lamp Post AC13023 Hoi Pa Resite Village	No. 1-9 Hoi Pa Resite Village
18/6/2015	18/6/2015 18:20	18/6/2015 19:25	Near Lamp Post W1976 Shing Mun Road	No. 2-9 Shing Mun Road,
19/6/2015	19/6/2015 15:30	19/6/2015 17:05	No. 3 Ho Pui Tsuen	No. 3 Ho Pui Tsuen
19/6/2015	19/6/2015 14:30	19/6/2015 16:15	No. 12 Tak Wah Street	No. 12 Tak Wah Street
19/6/2015	19/6/2015 09:40	19/6/2015 11:45	Near No. 3 Yeung Uk Tsuen	No. 2-3 Yeung Uk Tsuen
19/6/2015	19/6/2015 19:15	19/6/2015 20:45	No. 21 Muk Min Ha Tsuen	No. 21 Muk Min Ha Tsuen
21/6/2015	22/6/2015 00:00	22/6/2015 11:00	Near No. 8 Hoi Pa Street	No. 1-9 Hoi Pa Street
21/6/2015	21/6/2015 10:30	21/6/2015 12:00	Near No. 139 Kui Tau Tsuen,	No. 139 Kui Tau Tsuen
22/6/2015	22/6/2015 15:50	22/6/2015 17:00	Near No. 225 Wo Yi Hop Road	Wo Yi Hop Road Substation
23/6/2015	23/6/2015 15:10	23/6/2015 22:00	Near No. 103 Hoi Pa Street	No. 103-117 Hoi Pa Street, No. 45-55 Tai Ho Road,No. 4-12 Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Wan Market Street,
26/6/2015	26/6/2015 14:45	26/6/2015 16:40	Back Lane of No. 8 Muk Nin Ha Tsuen	No. 1-16 Muk Min Ha Tsuen
30/6/2015	30/6/2015 11:00	30/6/2015 11:30	Back Lane of No. 11 Northeast Terrace	No. 11 of Northeast Terrace
2/7/2015	2/7/2015 17:30	2/7/2015 18:50	Near No. 12 Hoi Pa San Tsuen	No. 12 Hoi Pa San Tsuen
6/7/2015	6/7/2015 17:35	6/7/2015 19:20	Near Lamp Post V9313 Ham Tin Tsuen	Part of Ham Tin Tsuen
7/7/2015	7/7/2015 13:30	7/7/2015 14:40	Near No. 25 Ho Pui Tsuen	No. 25-28 Ho Pui Tsuen
7/7/2015	7/7/2015 16:25	7/7/2015 17:20	No. 24 Ho Pui Tsuen	No. 21-24 Ho Pui Tsuen
7/7/2015	7/7/2015 17:45	7/7/2015 21:00	Near No. 6 Ho Pui Tsuen	No. 5-7 Ho Pui Tsuen
7/7/2015	7/7/2015 16:00	7/7/2015 17:00	Back of No. 80 Sam Tung Uk Resite Village	No. 80 Sam Tung Uk Resite Village
8/7/2015	8/7/2015 16:30	8/7/2015 17:30	Near Fire Hydrant 240 Kwok Shui Road	Part of Kwok Shui Road
10/7/2015	10/7/2015 17:45	10/7/2015 18:50	Back of No. 96 Kwan Mun Hau Tsuen	Kwan Mun Hau Tsuen Garden
12/7/2015	12/7/2015 09:10	12/7/2015 12:30	Back Lane of No. 48 Ho Pui Street	No. 48 Ho Pui Street
13/7/2015	13/7/2015 15:30	13/7/2015 17:00	Near Lamp Post V9687 Sham Tseng San Tsuen	No. 9-30 Sham Tseng San Tsuen
14/7/2015	14/7/2015 15:50	14/7/2015 17:15	Back Lane of No. 25 Sham Tseng Village	No. 25 Sham Tseng Village
15/7/2015	15/7/2015 18:40	15/7/2015 22:20	Back Lane of No.35 Tai Pak Tin Village	No.35 Tai Pak Tin Village
16/7/2015	16/7/2015 13:55	16/7/2015 16:50	Near Lamp Post W0476 Kwok Shui Road	No. 143 Kwok Shui Road
17/7/2015	17/7/2015 10:45	17/7/2015 11:55	Near No. 21 Chung On Street	No.38-44 Siu Wo Street No. 13-19 Chung On Street
17/7/2015	18/7/2015 20:30	18/7/2015 22:00	Near Lamp Post FA4885 Yan Chai Street	No. 18 Yan Chai Street
18/7/2015	18/7/2015 16:00	18/7/2015 19:30	Back of No. 109 Lo Wai Tsuen	No.100-110 Lo Wai Tsuen
19/7/2015	19/7/2015 10:30	19/7/2015 13:30	Back of No. 34 Yeung Uk Tsuen	No. 34 Yeung Uk Tsuen
20/7/2015	20/7/2015 13:50	20/7/2015 16:17	Near 272 Yau Ma Hom Resite Village	No. 272 Yau Ma Hom Resite Village

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
23/7/2015	23/7/2015 17:15	23/7/2015 18:30	Beside of No. 11 Hoi Pa Village Northeast Terrace	No. 1-12 Hoi Pa Village Northeast Terrace
24/7/2015	24/7/2015 11:35	24/7/2015 12:15	Near 43 Ham Tin Tsuen	No. 42-44 Ham Tin Tsuen
24/7/2015	25/7/2015 09:45	25/7/2015 12:00	Near No. 12 Sham Tseng San Tsuen	Part of Sham Tseung San Tsuen
25/7/2015	25/7/2015 13:15	25/7/2015 17:25	Near Lamp Post W2696 Route Twisk	Part of Kwong Pan Tin Tsuen
29/7/2015	29/7/2015 16:30	29/7/2015 17:45	Opposite Lamp Post W0476 Kwok Shui Road	PCCW Kwok Shui Road
30/7/2015	30/7/2015 12:16	30/7/2015 13:25	Near No.37 Ho Pui Tsuen	No.37-40 Ho Pui Tsuen
31/7/2015	31/7/2015 20:00	31/7/2015 21:50	Back Lane of No. 60B Sham Tseng Kau Tsuen	No. 18B Sham Tseng Kau Tsuen
3/8/2015	3/8/2015 11:07	3/8/2015 11:27	Near No. 17 Lei Shu Road	No. 17 Lei Shu Road
6/8/2015	6/8/2015 14:18	6/8/2015 16:35	Near No. 145-149 Kwok Shui Road	No. 145-149 Kwok Shui Road
10/8/2015	10/8/2015 15:15	10/8/2015 15:58	Near Lamp Post W0535 Kwok Shui Road	No. 145-149 Kwok Shui Road
12/8/2015	12/8/2015 10:20	12/8/2015 11:40	Near No. 55 Sham Tseng Village	Part of Sham Tseng Village
12/8/2015	12/8/2015 16:00	12/8/2015 17:00	No.50 Yau Kam Tau Village	No. 50 Yau Kam Tau Village
12/8/2015	12/8/2015 13:35	12/8/2015 17:00	Near DP360 Chuen Lung Village	Chuen Lung Village Aqua Privy
13/8/2015	13/8/2015 15:50	13/8/2015 18:30	Back of No. 1 Yeung Uk Tsuen Kwok Shui Road	No. 1-2 Yeung Uk Tsuen
14/8/2015	14/8/2015 19:30	15/8/2015 02:10	Near No. 21 Pak Tin Par Street	No. 5-39 Pak Tin Par Street
14/8/2015	14/8/2015 13:19	14/8/2015 14:25	Near No.167-185 Tsuen King Circuit	No.167-185 Tsuen King Circuit
18/8/2015	18/8/2015 10:30	18/8/2015 14:00	Near No. 25 Ting Kau Village	No. 12 Ting Kau Village
19/8/2015	19/8/2015 17:00	19/8/2015 19:50	Near No. 268 Yau Ma Hom Resite Village	No. 268 Yau Ma Hom Resite Village
19/8/2015	19/8/2015 13:43	19/8/2015 16:20	Back Lane of No. 146 Sha Tsui Road,	No.146 Sha Tsui Road, Tsuen Wan
20/8/2015	20/8/2015 08:45	20/8/2015 16:30	Near Lamp Post W2707 Tai Ho Road	Tsuen Wan District Junior Police Call Club House
27/8/2015	27/8/2015	27/8/2015	Near Lamp Post V3854,	Chai Wan Kok Village,

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	10:20	12:58	Hon man Tsuen	Ha Fa Shan Village and part of Hon Man Tsuen
27/8/2015	27/8/2015 08:00	27/8/2015 11:45	Back Lane of No. 11 Tak Hoi Street	No. 11 Tak Hoi Street,
29/8/2015	29/8/2015 09:20	29/8/2015 11:20	No. 85 of Back Lane of Lo Wai Tsuen	No.55, 83,84,85,86 Lo Wai Tsuen
31/8/2015	31/8/2015 14:04	31/8/2015 14:36	Near No.21 Hoi Pa Resite Village	No.16-21 Hoi Pa Resite Village
3/9/2015	3/9/2015 13:50	3/9/2015 14:45	Near Lamp Post VC0603 Kwong Pan Tin Tsuen	Part of Kwong Pan Tin Tsuen
3/9/2015	3/9/2015 11:38	3/9/2015 13:00	Near No. 126 Lo Wai Village	No. 126 Lo Wai
4/9/2015	4/9/2015 13:10	4/9/2015 14:00	Near No. 88E Sham Tseng San Tsuen	No. 88E Sham Tseng San Tsuen
7/9/2015	7/9/2015 10:30	7/9/2015 11:05	Near No. 20 Hoi Pa Rsite Village	No. 16-21 Hoi Pa Resite Village
9/9/2015	9/9/2015 20:03	9/9/2015 22:05	Near 20 Hoi Pa Resite Village	No. 16-21 Hoi Pa Resite Village
10/9/2015	10/9/2015 13:50	10/9/2015 14:10	Near Lamp Post FB5808 Ma Wan Fishermen's Village, Ma Wan	Ma Wan Fishermen's Village Aqua Privy
14/9/2015	14/9/2015 18:18	14/9/2015 21:00	Near No. 101 Route Twisk	Part of Kwong Pan Tin Tsuen
15/9/2015	15/9/2015 14:50	15/9/2015 15:30	Near Lamp Post FA5494, Route Twisk	Part of Kwong Pan Tin Tsuen
19/9/2015	19/9/2015 15:00	19/9/2015 17:30	Near No. 22 Ting Kau Village	No. 20 Ting Kau Village
19/9/2015	19/9/2015 16:00	19/9/2015 17:00	No. 97 Back Lane of Sam Tung Uk Tsuen	No. 97 of Sam Tung Uk Tsuen
20/9/2015	20/9/2015 11:06	20/9/2015 11:15	Near Fire Hydrant 11336 at Lung Yue Road, Tsing Lung Tau	Yuen Tun Village
21/9/2015	21/9/2015 15:05	21/9/2015 15:35	Near No. 4 Ka Loon Tsuen	No. 4 Ka Loon Tsuen
24/9/2015	24/9/2015 10:41	24/9/2015 11:50	Near 220 Yau Ma Hom Resite Village,	220 Yau Ma Hom Resite Village
25/9/2015	25/9/2015 18:45	25/9/2015 22:30	Near Lamp Post FA4650 Ma Kok Lane	Wang Lung Street, Ma Kok Lane, Part of Texaco Road
30/9/2015	30/9/2015 16:10	30/9/2015 19:50	No.7A of Wang Lung Tsuen	No.7A Wang Lung Tsuen
2/10/2015	2/10/2015	2/10/2015	Near No.11-15 Tso	No.11-15 Tso Kung

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	14:10	17:31	Kung Square	Square
2/10/2015	2/10/2015 20:05	2/10/2015 22:15	Near No. 35 Chuen Lung Tsuen	Part of Chuen Lung Tsuen
8/10/2015	8/10/2015 14:29	8/10/2015 19:16	Near No.18 Sam Tung Uk Resite Village	No.11-18 Sam Tung Uk Resite Village
11/10/2015	11/10/2015 14:10	11/10/2015 16:50	No. 41 Back Lane of Wo Yi Hop Village	Part of Wo Yi Hop Village
13/10/2015	13/10/2015 10:40	13/10/2015 17:15	Near Lamp Post W3296 Chai Wan Kok Street	No. 11-15 Chai Wan Kok Street
15/10/2015	15/10/2015 14:43	15/10/2015 15:13	Near No. 11 Lo Wai	Part of Lo Wai
16/10/2015	16/10/2015 11:10	16/10/2015 12:20	Near No. 57A Sham Tseng San Tsuen	No. 57, 57A Sham Tseng San Tsuen
16/10/2015	16/10/2015 15:50	16/10/2015 17:00	Near No. 25 Ting Kau Village	Part of Ting Kau Village
16/10/2015	16/10/2015 11:20	16/10/2015 12:30	Near No. 112 Kwan Mun Hau Tsuen	No. 112 Kwan Mun Hau Tsuen
19/10/2015	19/10/2015 14:45	19/10/2015 16:30	Near Lamp Post V1807 Yuen Tun Village	Yuen Tun Village
20/10/2015	20/10/2015 12:05	21/10/2015 00:30	Near No.10-16 Pun Shan Street	No.10-16,Pun Shan Street
21/10/2015	21/10/2015 10:30	21/10/2015 14:50	Back Lane of No.20 Hoi Pa Village North-East Terrace	No.19-22 Hoi Pa Village Northeast Terrace
23/10/2015	24/10/2015 10:25	24/10/2015 11:25	Near Lamp Post FB9306, Hoi Pa Villege Northeast Terrace	Refuse Collection Point at Hoi Pa Village Northeast Terrace
24/10/2015	24/10/2015 13:45	24/10/2015 16:35	Near Lamp Post DC1204 Tsuen Wan Market Street	Part of Tsuen Wan Market Street
25/10/2015	25/10/2015 11:15	25/10/2015 17:30	Near Fire Hydrant 79 Chai Wan Kok Street	No.66-82 Chai Wan Kok Street
26/10/2015	26/10/2015 09:20	26/10/2015 12:30	Near No.11 Chai Wan Kok Street	No.11-15 Chai Wan Kok Street
27/10/2015	27/10/2015 14:30	27/10/2015 15:35	Near No.325-331 Sha Tsui Road	No.325-331 Sha Tsui Road
27/10/2015	27/10/2015 10:45	27/10/2015 11:23	Near No.49 Sham Tseng San Tsuen, Sham Tseng	Part of Sham Tseng San Tsuen
28/10/2015	28/10/2015 16:53	28/10/2015 18:23	Near No.19 Hoi Pa Village Northeast Terrace	No.19-22 Hoi Pa Village Northeast Terrace
30/10/2015	30/10/2015 11:15	30/10/2015 13:50	Near No.45 Shui Wo Street	No.45 Shui Wo Street.
1/11/2015	1/11/2015	1/11/2015	Near No.75 Chai Wan	No.71-75 Chai Wan Kok

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	10:00	15:00	Kok Street	Street
2/11/2015	2/11/2015 10:30	2/11/2015 11:30	Near No.17 Hoi Pa Village South Terrace	Hoi Pa Village South Terrace
3/11/2015	3/11/2015 11:25	3/11/2015 12:45	Near No.55 Pak Lam Road, Ma Wan	No.55 Pak Lam Road, Ma Wan
5/11/2015	5/11/2015 10:50	5/11/2015 11:30	Near No.35 Ho Pui Street	No.33-37 Ho Pui Street, No.34-42 San Tsuen Street
5/11/2015	5/11/2015 15:20	5/11/2015 20:00	Near Lamp Post TWH014 Circle Park	Kwok Shui Road Park, Tai Wo Hau MTR Station.
6/11/2015	6/11/2015 09:00	6/11/2015 12:00	Back Lane No.255 Wo Yi Hop Road	No.249-255 Wo Yi Hop Road
6/11/2015	6/11/2015 13:40	6/11/2015 14:05	Near No.95 Chai Wan Kok Street	No.95 Chai Wan Kok Street
7/11/2015	7/11/2015 22:00	8/11/2015 01:45	Near No.41 Tung Wo Road	No.41 Lo Wai Tsuen
7/11/2015	7/11/2015 16:00	7/11/2015 17:05	Near Fire Hydrant 86 Tai Ho Road	Part of Tsuen Wan Market Street and Chuen Lung Street
9/11/2015	9/11/2015 16:05	9/11/2015 18:15	Near Lamp Post AC4744 Pak Yan Road Ma Wan	Ma Wan Police Post
10/11/2015	10/11/2015 13:05	10/11/2015 15:00	Near No.51 Ho Pui Tsuen	No.51 Ho Pui Tsuen
13/11/2015	13/11/2015 10:45	13/11/2015 11:12	Near 179 Ma Wan Rural Committee Road, Ma Wan	179 Ma Wan Rural Committee Road, Ma Wan
16/11/2015	16/11/2015 10:50	16/11/2015 12:40	Near No.69 Sam Tung Uk Resite Village	No.69 San Tung Uk Resite Village
17/11/2015	17/11/2015 10:05	17/11/2015 15:46	Near No.5 Chung Kwai Chung Tsuen	No.5 Chung Kwai Chung Tsuen
17/11/2015	18/11/2015 00:25	18/11/2015 04:00	No.40 Chai Wan Kok Street	No.20-60 Chai Wan Kok Street, NO.9 Hoi Shing Road
17/11/2015	17/11/2015 16:45	17/11/2015 19:15	Near No.49 Chung On Street	No.47-49 Chung On Street
18/11/2015	18/11/2015 17:06	18/11/2015 19:36	Near No.19B Lo Wai	Part of Lo Wai Tsuen
18/11/2015	18/11/2015 10:28	18/11/2015 11:38	Near No.8 Tai Ho Road	No.8 Tai Ho Road, Tsuen Wan
19/11/2015	19/11/2015 15:35	19/11/2015 16:30	Near Lamp Post SU KPT/0/0009, Kwong Pan Tin Tsuen	Part of Kwong Pan Tin Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
21/11/2015	21/11/2015 16:30	21/11/2015 18:45	Near No.35 Lo Wai,Yi Pei Chun Road	Part of Lo Wai
21/11/2015	21/11/2015 09:50	21/11/2015 12:35	Back of No.319 Wo Yi Hop Road	No.39 Wo Yi Hop Road
24/11/2015	24/11/2015 11:00	24/11/2015 13:20	Near No.61 Sam Tung UK Resite Village	No.61 Sam Tung UK Resite Village
25/11/2015	25/11/2015 12:30	25/11/2015 17:00	Near No.30 Tso Kung Square	No.2-32 Hoi Pa Street and 2-36 Tso Kung Square
26/11/2015	26/11/2015 21:00	26/11/2015 22:45	Near No.202-216 Sai Lau Kok Road	No.202-216 Sai Lau Kok Road
27/11/2015	27/11/2015 09:30	27/11/2015 11:30	Near Lamp Post FC0594 Chai Wan Kok Street	No.38-40 Chai Wan Kok Street
28/11/2015	28/11/2015 16:30	28/11/2015 17:30	No.286 B/C of Yau Ma Hom Tsuen,Tsuen Wan	No.284-290 Yau Ma Hom Tsuen
28/11/2015	28/11/2015 10:00	28/11/2015 12:20	No.47 Back Lane of Fu Yung Shan San Tsuen	No.47 Fu Yung Shan San Tsuen
30/11/2015	30/11/2015 22:20	1/12/2015 01:45	Near Lamp Post DC 1203 Tsuen Wan Market Street	Jockey Club Tak Wah Park Toilet
30/11/2015	30/11/2015 12:00	30/11/2015 12:30	Near No.2-6 Lo Tak Court	No.2-6 Lo Tak Court
1/12/2015	1/12/2015 11:20	1/12/2015 12:25	Near No.38 Chai Wan Kok Street	No.30 to 40 Chai Wan Kok Street
1/12/2015	1/12/2015 09:30	1/12/2015 15:59	Near 2 Sam Pei Square,Tsuen Wan.	2-12 Sam Pei Square,98-100 Chung On Street.
4/12/2015	4/12/2015 14:10	4/12/2015 16:10	Near Lamp Post VC2209 Sheung Kwai Chung Village	Part of Sheung Kwai Chung Village
4/12/2015	4/12/2015 12:45	4/12/2015 13:45	Near No.58 Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
7/12/2015	7/12/2015 14:20	7/12/2015 15:24	Near No.13 Chung Kwai Chung Tsuen	No.13 Chung Kwai Chung Tsuen
8/12/2015	8/12/2015 14:00	8/12/2015 15:20	Near Lamp Post W3685 Hoi Kwai Road	Skyline Plaza
10/12/2015	10/12/2015 10:45	10/12/2015 11:50	Near No.6 Chung Kwai Chung Tsuen	No.8-9 Chung Kwai Chung Tsuen
10/12/2015	10/12/2015 09:45	10/12/2015 11:00	Back Lane of No.5 Fu Yung Street	No.1-5 Fu Yung Street
11/12/2015	11/12/2015 20:45	11/12/2015 23:00	Back Lane of No.14 Tak Wah Street	No.14 Tak Wah Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
13/12/2015	13/12/2015 14:00	13/12/2015 16:40	Back of No.214 Yau Ma Hom Resite Village	No.214 Yau Ma Hom Resite Village
14/12/2015	15/12/2015 10:15	15/12/2015 12:45	Near No.124 Fu Yung Shan San Tsuen	No.101-147,Fu Yung Shan San Tsuen
15/12/2015	15/12/2015 10:35	15/12/2015 14:00	Back Lane of No.60 Muk Min Ha Tsuen	No.55 to 64 Muk Min Ha Tsuen
16/12/2015	16/12/2015 10:00	17/12/2015 00:30	Near Lamp Post FC1367 Lo Wai Road	Part of Lo Wai
16/12/2015	16/12/2015 10:08	16/12/2015 14:42	Near No.22 Sam Pei Square	No.16-26 Sam Pei Square
17/12/2015	17/12/2015 14:15	17/12/2015 15:20	Near Lamp Post FC0595 Chai Wan Kok Street	No.38-40 Chai Wan Kok Street
18/12/2015	18/12/2015 12:10	18/12/2015 12:45	Near No.71 Muk Min Ha Tsuen	No.71 Muk Min Ha Tsuen
18/12/2015	18/12/2015 15:30	18/12/2015 17:15	Beside of No.7 Hoi Pa Village Northeast Terrace	No.1-12 Hoi Pa Village Northeast Terrace
19/12/2015	19/12/2015 20:00	19/12/2015 21:00	Near No.25 Sham Tseng San Tsuen, Sham Tseng	Part of Sham Tseng San Tsuen
20/12/2015	20/12/2015 16:30	20/12/2015 18:45	Near No.131-133 Tsuen Wan Market Street	No.131-133 Tsuen Wan Market Street, Kwan Mun Hau Garden
21/12/2015	21/12/2015 06:30	21/12/2015 11:35	Near No.68 Sha Tsui Road	No.68 Sha Tsui Road
21/12/2015	21/12/2015 09:30	21/12/2015 11:20	Back of No.112 Chung On Street	No.112 Chung On Street
29/12/2015	29/12/2015 10:20	29/12/2015 12:00	Near No.40B Sham Tseng San Tsuen, Sham Tseng	No.40A-B,Sham Tseng San Tsuen, Sham Tseng
29/12/2015	29/12/2015 16:40	29/12/2015 17:30	Near 45 Sham Tseng San Tsuen, Sham Tseng	Part of Sham Tseng San Tsuen
30/12/2015	30/12/2015 11:24	30/12/2015 14:18	Near No.123 Fu Yung Shan San Tsuen	No.123 Fu Yung Shan San Tsuen
31/12/2015	31/12/2015 11:03	31/12/2015 12:46	Near No.29 Fu Yung Shan San Tsuen	No.29-31 Fu Yung Shan San Tsuen
31/12/2015	31/12/2015 16:00	31/12/2015 18:00	Near No.31B Sham Tseng San Tsuen, Sham Tseng	No.31B Sham Tseng San Tsuen
31/12/2015	31/12/2015 10:15	31/12/2015 11:40	Near Lamp Post VA2605 San Tsuen,Fu Yung Shan Road	Part of San Tsuen
1/1/2016	1/1/2016 09:30	1/1/2016 11:30	Near No.292 Sha Tsui Road	No.292 Sha Tsui Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
2/1/2016	2/1/2016 07:15	2/1/2016 11:45	Near 1-9 Sha Tsui Road	No.503-515 Castle Peak Road,Tsuen Wan
4/1/2016	4/1/2016 14:30	4/1/2016 15:25	Near No.80A2 Sham Tseng San Tsuen	No.80A2 Sham Tseng San Tsuen
5/1/2016	5/1/2016 19:45	6/1/2016 01:30	Near No.38 Chai Wan Kok Street	No.38-40 Chai Wan Kok Street
5/1/2016	5/1/2016 14:15	5/1/2016 16:15	Near Lamp Post BC 2141 of Ha Fa Shan	Ngor Tei & Ha Fa Shan
8/1/2016	8/1/2016 11:15	8/1/2016 12:05	Near Swan Neck 5245 of Lo Wai Tsuen	Part of Lo Wai Tsuen
8/1/2016	8/1/2016 14:00	8/1/2016 15:00	Near No.10 Yi Pei Square	No.10-32 Yi Pei Square(even no.) No.101-123 Chuen Lung Street(odd no.)
11/1/2016	11/1/2016 17:00	11/1/2016 17:50	No.60 Kwan Mun Hau Tsuen	No.55 Kwan Mun Hau Tsuen
11/1/2016	11/1/2016 15:30	11/1/2016 16:15	No.101 Back Lane of Chuen Lung Street	No.55,59 Ho Pui Street, No.10-32 Yi Pei Square, No.101-123 Chuen Lung Street
12/1/2016	12/1/2016 10:20	12/1/2016 11:20	130 Lo Wai Tsuen	No.90-130 Lo Wai Tsuen
13/1/2016	13/1/2016 11:15	13/1/2016 12:45	2-4 Hoi Pa Street Back Lane	No.2-4 Hoi Pa Street
14/1/2016	15/1/2016 13:25	16/1/2016 01:00	Near Lamp Post W1532 Kwok Shui Road	Kwok Shui Road Park & Tai Wo Hau MTR
15/1/2016	15/1/2016 14:00	15/1/2016 15:40	No.85 Back Lane of Chuen Lung Street	No.87-89 Chuen Lung Street, No.237 Sha Tsui Road
17/1/2016	17/1/2016 14:00	17/1/2016 14:45	Back Lane of No.128 Lo Wai Tsuen	No.122-136 Lo Wai Tsuen
20/1/2016	20/1/2016 11:10	20/1/2016 11:25	No.9 Back Lane of Yuen Tun Village Tsing Lung Tan	Yuen Tun Village
23/1/2016	23/1/2016 21:56	24/1/2016 00:11	Near Lamp Post FB5088 Mei Wan Street	Mei Wan Street Substation
25/1/2016	25/1/2016 14:30	25/1/2016 15:20	Near Wo Yi Hap Road 271,Tsuen Wan.	249-335 Wo Yi Hop Road,1-17 Lei Shu Road
25/1/2016	25/1/2016 11:30	25/1/2016 16:00	Near No.62 Sha Tsui Road	No.62 Sha Tsui Road
26/1/2016	26/1/2016 16:24	26/1/2016 18:46	Near 207 Sha Tsui Road	207 Sha Tsui Road
31/1/2016	31/1/2016 10:10	31/1/2016 15:20	Back Lane of No.45 Hoi Pa Resite Village,Yi Pei	No.45 Hoi Pa Resite Village

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
			Chun Road	
3/2/2016	3/2/2016 16:00	3/2/2016 23:30	Near No.81 Ho Pui Street	No.71-81 Ho Pui Street, No.60-64 Ham Tin Street
3/2/2016	3/2/2016 10:00	3/2/2016 11:00	Near Lamp Post VA2578 Lo Wai Tsuen	Lo Wai Tsuen - Tung Kwu Shek
4/2/2016	4/2/2016 11:20	4/2/2016 11:50	Near No.80B Sham Tseng Kau Tsuen, Sham Tseng	Part of Sham Tseng Kau Tsuen
5/2/2016	5/2/2016 17:00	5/2/2016 18:00	Near No.2 Tai Kiu Tsuen, Route Twisk	Part of Tai Kiu Tsuen.
5/2/2016	5/2/2016 14:35	5/2/2016 16:10	Near No.48 Ma Wan Main Street	Ma Wan Main Street
7/2/2016	7/2/2016 23:50	8/2/2016 04:50	Near No.23-27 Tsuen King Circuit	No.23-27 Tsuen King Circuit, Waylee Industrial Centre, Tsuen King Garden and Tsuen Wan Centre
7/2/2016	7/2/2016 10:50	7/2/2016 11:30	Near 35 Ho Pui Tsuen	Ho Pui Tsuen
9/2/2016	9/2/2016 15:50	9/2/2016 16:45	Near No.119 Tsuen Wan Market Street	No.111-119 Tsuen Wan Market Street
11/2/2016	11/2/2016 19:55	11/2/2016 23:00	No.47 Back Lane of Ho Pui Street	No.125 Chuen Lung Street
12/2/2016	12/2/2016 13:55	12/2/2016 16:45	Back of No.89 Sham Tseng Village	No.89 Sham Tseng Village
17/2/2016	17/2/2016 15:00	17/2/2016 16:00	Near No.199 Tsuen King Circuit	No.199 Tsuen King Circuit
18/2/2016	18/2/2016 16:05	18/2/2016 18:05	Near Fire Hydrant 11336 of Lung Yue Road	Yuen Tun Village
20/2/2016	20/2/2016 19:30	20/2/2016 20:45	Near 16DXE, Lo Wai	16 D & E Lo Wai
26/2/2016	26/2/2016 10:40	26/2/2016 11:50	Near No.81 Lo Wai Tsuen	No.113-116 Lo Wai Tsuen
1/3/2016	1/3/2016 04:40	1/3/2016 15:00	Back Lane of No.9-31 Tai Pei Square	No. 25-53 Chung On Street, No.120-150 Hoi Pa Street, No.31-89 Chuen Lung Street, No.9-31 Tai Pei Square
2/3/2016	2/3/2016 18:20	2/3/2016 19:00	Near 48 Kwan Mun Hau Tsuen	Kwan Mun Hau Tsuen
3/3/2016	3/3/2016 16:30	4/3/2016 02:30	Near No.10-20 Pun Shan Street	No.10-20 Pun Shan Street
4/3/2016	4/3/2016	4/3/2016	Near No.1A, Route	No. 1A,Route Twisk

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	11:20	13:30	Twisk	
5/3/2016	5/3/2016 18:03	5/3/2016 19:16	Near 8,Hoi Pa Tsuen	1-9,Hoi Pa Tsuen,Tsuen Wan
7/3/2016	7/3/2016 18:20	7/3/2016 21:00	Near No.DD453 Fu Yung Shan San Tsuen	No.DD433 Fu Yung Shan San Tsuen
7/3/2016	7/3/2016 15:30	7/3/2016 16:20	Near Lamp Post FB6175 Sheung Kwai Chung Tsuen Road	No.78-79 Sheung Kwai Chung Tsuen Road
9/3/2016	9/3/2016 18:05	9/3/2016 20:10	No.218 Back Lane of Yau Ma Hom Resite Village	No.218 of Yau Ma Hom Resite Village.
11/3/2016	11/3/2016 19:35	11/3/2016 23:55	Near FA4655 Ma KoK Lane	No.204-248 Texaco Road
18/3/2016	18/3/2016 21:15	18/3/2016 21:45	Near Lamp Post W1974 Planter of Sai Lau Kok Road	HK Examinations of Assessment Authority, Shing Mun Road Substation, New Territories South Region Police Headquarters
18/3/2016	18/3/2016 10:50	18/3/2016 11:45	Near No.37 Sham Tseng Tsuen	No.36-39 Sham Tseng Tsue.
20/3/2016	20/3/2016 12:55	20/3/2016 15:45	Near Lamp Post BC2141 Ha Fa Shan Ngor Tei Route Twisk	Along Ha Fa Shan Ngor Tei
21/3/2016	21/3/2016 09:30	21/3/2016 17:30	Near Lamp Post FC3207 Sha Tsui Road	No.26-36 Sha Tsui Road
31/3/2016	31/3/2016 14:30	31/3/2016 15:10	Near Lamp Post FC3764 Lung Yue Road	No.140 Tsing Lung Tau San Tsuen
1/4/2016	1/4/2016 17:30	1/4/2016 21:35	Near No.3 Sham Tseng East Tsuen	No.1-7 Sham Tseng East Tsuen
4/4/2016	4/4/2016 13:45	4/4/2016 16:30	Near No.180 Chuen Lung, Route Twisk.	Part of Chuen Lung
6/4/2016	6/4/2016 17:15	6/4/2016 19:20	Near Lamp Post FA5508 Route Twisk	Along Kwong Pan Tin Tsuen
7/4/2016	7/4/2016 17:30	7/4/2016 18:40	Near Lamp Post FA1349,Ting Kau Castle Peak Road	No.305, 307, 309 Ting Kau Castle Peak Road
7/4/2016	7/4/2016 17:08	7/4/2016 17:43	Near 160 Lo Wai	No.160-168, Lo Wai
9/4/2016	9/4/2016 15:55	9/4/2016 16:05	No.22 Cariageway of On Yat Street	Block F-R of Allway Gardens, Tsuen King Circuit Wu Chung Swimming pool
11/4/2016	11/4/2016	11/4/2016	Near No.36 Sham Tseng	No.36 Sham Tseng

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	13:20	15:45	Village	Village
12/4/2016	12/4/2016 17:20	12/4/2016 18:40	Near No.16 Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
16/4/2016	16/4/2016 15:25	16/4/2016 18:45	Near No.33 Ting Kau Tsuen	No.17-48 Ting Kau Tsuen
21/4/2016	21/4/2016 11:30	21/4/2016 19:00	Near Lamp Post V9344 Choi Yuen Tsuen, Tsing Lung Tau	Part of Lung Tang Road
22/4/2016	22/4/2016 11:10	22/4/2016 12:10	Near Lamp Post VA2261, Pai Min Kok Village	Part of Pai Min Kok Street
22/4/2016	22/4/2016 20:15	22/4/2016 21:30	Back Lane of No.294 Sha Tsui Road	No.286-296 Sha Tsui Road
22/4/2016	22/4/2016 17:15	22/4/2016 18:25	Near Lamp post FA5502, Route Twisk Road	Tso Kung Tam Outdoor Recreation Centre
23/4/2016	23/4/2016 13:00	23/4/2016 15:30	Near No.4 Pai Min Village	Part of Pai Min Kok Village
26/4/2016	26/4/2016 14:55	26/4/2016 16:13	Near 29,Kwan Mun Hau Tsuen	29 Kwan Mun Hau Tsuen
26/4/2016	26/4/2016 14:25	26/4/2016 16:50	Near Lamp Post FA3712 Po Fung Road	Planter at Po Fung Road.
27/4/2016	27/4/2016 16:05	27/4/2016 18:10	Near No.8-18 Lo Tak Court	No.14-18 Lo Tak Court.
28/4/2016	28/4/2016 16:30	28/4/2016 17:40	Near Lamp Post DC1718 Yuen Tun Circuit	Clague Garden Estate.
30/4/2016	30/4/2016 18:05	30/4/2016 18:45	Near No.65 Chuen Lung Street	No.65 Chuen Lung Street.
3/5/2016	3/5/2016 11:00	3/5/2016 12:10	Near Lamp Post V9690 Shu On Terrace	Shu On Terrace
4/5/2016	4/5/2016 17:10	4/5/2016 21:10	Near No.59 Ho Pui Street Back Lane	No.43-65 Ho Pui Street
11/5/2016	11/5/2016 03:00	11/5/2016 04:35	Near No.14 Chung Kwai Chung Tsuen	No.14 Chung Kwai Chung Tsuen
16/5/2016	16/5/2016 22:37	16/5/2016 23:30	Near 109 Sam Tung Uk Resite Village	109 Sam Tung UK Resite Village
17/5/2016	17/5/2016 11:25	17/5/2016 12:35	Near No.329 Wo Yi Hop Road	No.329-335 Wo Yi Hop Road.
18/5/2016	18/5/2016 11:20	18/5/2016 12:05	Near Lamp Post FA1728, Lai Chi Road	Fire Hydrant 4299, Lai Chi Road
19/5/2016	19/5/2016 14:00	19/5/2016 16:10	Near No.4-6 Hoi Pa Street Back Lane	No.2-22 Hoi Pa Street and No.14-36 Tso Kung

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Square
19/5/2016	19/5/2016 11:00	19/5/2016 12:00	Near No.20 Hoi Pa Village South Terrace	No.20 Hoi Pa Village South Terrace
19/5/2016	19/5/2016 15:00	19/5/2016 15:35	Near Lamp Post 0995 Hoi Long Path,Tsing Lung Tau	Part of Hoi Long Path.
22/5/2016	22/5/2016 15:30	22/5/2016 16:30	Back of No.7 Lei Shu Road	No.1-17 Lei Shu Road.
23/5/2016	23/5/2016 13:30	23/5/2016 14:45	Near No.2 Ho Pui Tsuen Back Lane	No.1-2 Ho Pui Tsuen.
24/5/2016	24/5/2016 14:10	24/5/2016 16:40	Back Lane of No.28 Hoi Pa Street	No.2-6 Tso Kung Street, No.22-32 Hoi Pa Street, No.2-18 Tso Kung Square
26/5/2016	26/5/2016 16:13	26/5/2016 17:12	Near 31G Sham Tseng San Tsuen, Sham Tseng	Part of Sham Tseng San Tsuen
27/5/2016	27/5/2016 19:25	27/5/2016 22:30	Near Lamp Post V1850 Chuen Lung Tsuen	Part of Chuen Lung Tsuen
2/6/2016	2/6/2016 15:30	2/6/2016 20:05	Near No.129 Sha Tsui Road Back Lane	No.129 Sha Tsui Road
3/6/2016	3/6/2016 21:15	3/6/2016 22:50	Near No.20 Hoi Pa Village South Terrace	No.20 Hoi Pa Village South Terrace
3/6/2016	3/6/2016 10:35	3/6/2016 12:10	Near No.125 Chuen Lung Street	No.101-123 Chuen Lung Street, No.10-32 Yi Pei Square, No.45-53 Ho Pui Street
3/6/2016	3/6/2016 14:35	3/6/2016 15:35	Near No.35 Fu Yung Shan Tsuen	No.35 Fu Yung Shan Tsuen
3/6/2016	3/6/2016 19:50	3/6/2016 20:15	Near No.176 Yau Ma Hom Road	No.172-198 Yau Ma Hom Road
5/6/2016	5/6/2016 14:15	5/6/2016 16:45	Back of No.73 Kwan Mun Hau Tsuen	No.77-80 Kwan Mun Hau Tsuen
7/6/2016	7/6/2016 16:20	7/6/2016 18:25	Near No.5-9 Chai Wan Kok Street	No.5-9 Chai Wan Kok Street
7/6/2016	7/6/2016 14:15	7/6/2016 15:15	Near Lamp Post FB8540 Lo Wai	Part of Lo Wai
8/6/2016	8/6/2016 10:00	8/6/2016 11:06	No.16 Tsing Lung Tau Village	Part of Tsing Lung Tau Village
8/6/2016	8/6/2016 11:05	8/6/2016 11:20	Back Lane, No.196 Yau Ma Hom Village	196 Yau Ma Hom Resite Village
10/6/2016	10/6/2016 20:10	10/6/2016 21:45	Near Bo.151-152 Yi Pei Chun	Part of Yi Pei Chun
18/6/2016	18/6/2016 15:25	18/6/2016 16:35	Near No.139 Lo Wai Yi Pei Chun	No.139-140 Lo Wai Yi Pei Chun

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
21/6/2016	21/6/2016 13:00	21/6/2016 15:00	Near No.51-52 Hoi Pa San Village Back Lane	No.50-53 Hoi Pa San Village
21/6/2016	21/6/2016 16:50	21/6/2016 21:10	Near Lamp Post FA5533 Route Twisk	Hong Kong Gun Club, part of Tai Kiu Tsuen
22/6/2016	22/6/2016 15:00	22/6/2016 16:00	Near Lamp Post GC0682 Wo Yi Hop Village Footpth	No.38-73 Wo Yi Hop Village
27/6/2016	27/6/2016 11:25	27/6/2016 13:15	Near No.18 Muk Min Ha Tsuen Back Lane	No.18 Muk Min Ha Tsuen
30/6/2016	30/6/2016 09:27	30/6/2016 11:19	Near 18 Yeung Uk Tsuen	No.18 Yeung Uk Tsuen
1/7/2016	1/7/2016 11:15	1/7/2016 14:30	Back of No.9 Sai Lau Kok Tsuen	No.9 Sai Lau Kok Tsuen
7/7/2016	7/7/2016 09:45	7/7/2016 10:20	Near No.39 Ho Pui Tsuen	No.39 Ho Pui Tsuen
7/7/2016	7/7/2016 15:35	7/7/2016 17:05	Near No.1165 Kwan Mun Hau Tsuen	No.77-80 Kwan Mun Hau Tsuen
9/7/2016	9/7/2016 16:49	9/7/2016 18:05	Near No.115 Sam Tung UK Resite Village	No.115 Sam Tung UK Resite Village
12/7/2016	12/7/2016 16:00	12/7/2016 22:15	Near No.11 On Wing Street	No.11 On Wing Street
13/7/2016	13/7/2016 16:50	13/7/2016 18:16	Near Lamp Post V9391 Wang Lung Tsuen, Chuen Lung	Part of Wang Lung Tsuen
14/7/2016	14/7/2016 15:50	14/7/2016 16:35	Near No.142 Lo Wai	No.142 Lo Wai
17/7/2016	17/7/2016 07:30	17/7/2016 11:45	Back of No.34 San Tsuen Street	No.34 San Tsuen Street
18/7/2016	18/7/2016 18:30	18/7/2016 20:00	Near No.47-51 Chai Wan Kok Street	No.23-51 Chai Wan Kok Street
18/7/2016	18/7/2016 11:22	18/7/2016 12:26	Near No.16 Sham Tseng San Tsuen, Sham Tseng	Part of Sham Tseng San Tsuen
19/7/2016	19/7/2016 11:15	19/7/2016 22:10	Near Lamp Post AC3331 Tai Ho Road	Tsuen Wan West Station, Gammon Tai Ho Road Construction Site, Part of Tsuen Wan Park
20/7/2016	20/7/2016 11:00	20/7/2016 12:15	Near Lamp Post VA3464 Sham Tseng East Village, Sham Tseng	Sham Tseng East Village
20/7/2016	20/7/2016 18:30	20/7/2016 19:20	Near No.61 Sam Tung UK Resite Village	No.61-62 Sam Tung UK Resite Village
25/7/2016	25/7/2016 17:40	25/7/2016 18:50	Near No.5 Chuen Lung Chun Ha, Route Twisk	Part of Chuen Lung Chun Ha

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
26/7/2016	26/7/2016 22:10	27/7/2016 10:00	Junction of Chuen Lung Street and Ho Pui Street	No.118 Chuen Lung Street
27/7/2016	27/7/2016 14:25	27/7/2016 16:15	Near Back Lane of No.120-140 Tsuen Wan Market Street	No.110-160 Tsuen Wan Market Street
28/7/2016	28/7/2016 15:05	28/7/2016 17:00	Near No.13 Shu On Terrace, Sham Tseng	Part of Shu On Terrace
29/7/2016	29/7/2016 14:15	29/7/2016 17:50	Near No.100 Kwan Mun Hau Tsuen	Part of Kwan Mun Hau Tsuen
1/8/2016	1/8/2016 10:30	1/8/2016 13:00	Near No.54 Sam Tung UK Resite Village	No.54 Sam Tung UK Resite Village
3/8/2016	3/8/2016 05:35	3/8/2016 16:17	Near No.381 Sha Tsui Road	No.381 Sha Tsui Road
4/8/2016	4/8/2016 14:25	4/8/2016 15:45	Back Lane of No.122 Chung On Street	No.2-26 Sam Pei Square. No.92-122 Chung On Street
5/8/2016	5/8/2016 10:25	5/8/2016 16:25	Near Lamp Post SFYS/D/011, Fu Yung Shan Road	Part of Fu Yung Shan Road
5/8/2016	5/8/2016 06:15	5/8/2016 12:10	Near No.20 Hoi Pa Village Northeast Terrace	No.19-22 Hoi Pa Village Northeast Terrace
5/8/2016	5/8/2016 18:29	5/8/2016 19:24	Near 28 Ham Tin Tsuen	No.28 Ham Tin Tsuen
10/8/2016	10/8/2016 11:00	10/8/2016 12:00	Near No.47 Chung On Street	No.47 Chung On Street
10/8/2016	10/8/2016 15:10	10/8/2016 16:39	Near Back Lane of No.33 Shiu Wo Street	No.187-185 Castle Peak Road-Tsuen Wan
10/8/2016	10/8/2016 16:40	10/8/2016 17:45	No.152B Lo Wai Yi Pei Chun	No.152 Lo Wai Yi Pei Chun
10/8/2016	10/8/2016 10:15	10/8/2016 11:40	Near No.116 Lo Wai Yi Pei Chun	Part of Lo Wai Yi Pei Chun
12/8/2016	12/8/2016 16:30	12/8/2016 17:30	Near No.22 Ham Tin Tsuen	No.22 Ham Tin Tsuen
17/8/2016	17/8/2016 11:40	17/8/2016 12:25	Near Lamp Post FB2218 Yau Lai Road	Part of Yau Kom Tau Village
19/8/2016	19/8/2016 14:35	19/8/2016 15:00	Near Back Lane of No.2 Yi Pei Square	No.2-8 Yi Pei Square,No.93-99 Chuen Lung Street
23/8/2016	23/8/2016 15:55	23/8/2016 17:00	Near Fire Hydrant 1991 Po Fung Road	Part of Yau Kom Tau Village
24/8/2016	24/8/2016 12:45	24/8/2016 16:35	Near Lamp Post CC1112 Wing Tak Street Junction with	City Point

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
			Texaco Road	
26/8/2016	26/8/2016 19:10	26/8/2016 21:00	Near No.35 Fu Yung Shan San Tsuen	No.35 Fu Yung Shan San Tsuen
26/8/2016	26/8/2016 11:25	26/8/2016 12:40	Near No.15A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
4/9/2016	4/9/2016 11:20	4/9/2016 12:23	Near No.91 Hoi Pa San Tsuen	No.91 Hoi Pa San Tsuen
7/9/2016	7/9/2016 21:00	7/9/2016 22:30	Near No.117 Chuen Lung Street	No.115-117 Chuen Lung Street and 26-28 Yi Pei Square
8/9/2016	8/9/2016 14:34	8/9/2016 17:07	Near No.2-8 Chung On Street	No.2-8 Chung On Street
10/9/2016	10/9/2016 14:20	10/9/2016 18:20	Back Lance of No.4-10 Chuen Lung Street	No.19-21 Tai Ho Road
10/9/2016	10/9/2016 17:16	10/9/2016 18:09	Near No.48 Chung Kwai Chung Tsuen	No.48 Chung Kwai Chung Tsuen
12/9/2016	12/9/2016 14:00	12/9/2016 15:50	Near Back Lance of No.2-8 Yi Pei Square	Hoi Pui Street, Chuen Lung Street, Yi Pei Square
12/9/2016	12/9/2016 18:00	12/9/2016 19:30	Near No.200 Tsuen King Circuit	No.200 Tsuen King Circuit
14/9/2016	14/9/2016 06:26	14/9/2016 09:51	Near No.136 Yi Pei Chun	Part of Yi Pei Chun
15/9/2016	15/9/2016 16:00	15/9/2016 17:05	Near No.39 Chung Kwai Chung Tsuen	No.39 Chung Kwai Chung Tsuen
16/9/2016	16/9/2016 04:45	16/9/2016 10:45	Near No.68 Sha Tsui Road	No.40-76 Sha Tsui Road.
16/9/2016	16/9/2016 11:00	16/9/2016 12:00	Back of No.21 Kwan Mun Hau Tsuen Kwok Shui Road	No.21 Kwan Mun Hau Tsuen
17/9/2016	17/9/2016 11:17	17/9/2016 14:18	Near No.27B Ting Kau, Tsuen Wan	Partially of Ting Kau
17/9/2016	17/9/2016 14:25	17/9/2016 15:30	Near No.30 Tak Wah Street, Tsuen Wan	No.30 Tak Wah Street
18/9/2016	18/9/2016 10:37	18/9/2016 12:13	Near Slope No.6SE-C/C287,Sham Hong Road	Part of Sham Hong Road
22/9/2016	22/9/2016 09:55	22/9/2016 10:56	Near No.50 Yau Kom Tau Village	No.50 Yau Kom Tau Village.
23/9/2016	23/9/2016 16:55	23/9/2016 23:16	Near No.28 Fu Yung Shan Road	No.28 Fu Yung Shan Road
26/9/2016	26/9/2016 11:35	26/9/2016 15:30	Near No.98 Chung On Street	No.92-100 Chung On Street, No.2-14 Sam Pei Square

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
27/9/2016	27/9/2016 10:15	27/9/2016 11:05	Near Back Lance of No.31 Tso Kung Square	No.1-37 Tso Kung Square,No.105-139 Sha Tsui Road
27/9/2016	27/9/2016 17:45	27/9/2016 20:30	Near Lamp Post FA5153 Tai Chung Road	Part of Hoi Shing Road
28/9/2016	29/9/2016 14:32	29/9/2016 16:42	Near No.9-31 Tai Pei Square, Tsuen Wan.	No.9-31 Tai Pei Square, 37-41 Chung On Street.
29/9/2016	29/9/2016 10:10	29/9/2016 11:20	Near Lamp Post CC0547, Lo Wai Village	Part of Lo Wai Village, Sam Dip Tam
2/10/2016	3/10/2016 11:35	3/10/2016 13:00	Near No.28 Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
4/10/2016	4/10/2016 11:05	4/10/2016 11:30	Near No.4 Sham Dip Tam, Lo Wai Road	No.4 Sham Dip Tam.
5/10/2016	5/10/2016 14:22	5/10/2016 15:43	Near No.32A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
5/10/2016	5/10/2016 10:35	5/10/2016 11:10	Near No.65 Hoi Pa San Village, Kwok Shui Road	No.66-65 Hoi Pa San Village
7/10/2016	7/10/2016 10:20	7/10/2016 11:30	Near No.67A, Lo Wai, Tung Wo Street	No.41 Lo Wai, Tung Wo Street
8/10/2016	8/10/2016 11:45	8/10/2016 13:15	Near No.77 Kwan Mun Hau Tsuen	Part of Kwan Mun Hau Tsuen
8/10/2016	8/10/2016 15:25	8/10/2016 17:30	Near 34 Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
11/10/2016	11/10/2016 13:10	11/10/2016 16:30	Near No.44 Castle Peak Road-Sham Tseng	No.44 Castle Peak Road and Emmanuel Primary School
14/10/2016	14/10/2016 14:00	14/10/2016 15:30	Near 29A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
15/10/2016	15/10/2016 19:30	15/10/2016 23:40	Near Lamp Post W0499 Ting Fung Street Kwok Shui Road	No.1-11 Hoi Pa New Village
17/10/2016	17/10/2016 20:25	17/10/2016 22:10	Back of No.3 Hoi Pa Village South Terrace	No.3 Hoi Pa Village South Terrace
18/10/2016	18/10/2016 14:05	18/10/2016 16:00	Near No.143 Castle Peak Road	No.125-143 Castle Peak Road
22/10/2016	22/10/2016 11:35	22/10/2016 12:35	Near No.110 Kwan Mun Hau Tsuen	No.105-110 Kwan Mun Hau Tsuen.
24/10/2016	24/10/2016 16:11	25/10/2016 09:00	No.10 Tso Kung Square	No.2-36 Tso Kung Square, No.2-32 Hoi Pa

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Street
26/10/2016	26/10/2016 10:30	26/10/2016 11:30	Near No. 22n Muk Min Ha Tsuen	Part of Muk Min Ha Tsuen
31/10/2016	31/10/2016 19:10	31/10/2016 20:20	Near Lamp Post FC0394, Tai Ho Road	Gammon Constructin Site
31/10/2016	31/10/2016 14:40	31/10/2016 16:30	Near Back Lane of No.95 , Chuen Lung Street	No.93-123 Chuen Lung Street
31/10/2016	31/10/2016 18:45	31/10/2016 19:20	Near No.88 Sam Tung UK Tsuen	No.88 Sam Tung UK Tsuen
31/10/2016	31/10/2016 15:00	31/10/2016 16:30	Near No.34 Chung Kwai Chung Tsuen	No.34 Chung Kwai Chung Tsuen
3/11/2016	3/11/2016 09:50	3/11/2016 13:00	Near No.31 Yuen Tun Village	No.28--35 Yuen Tun Village
3/11/2016	3/11/2016 15:10	3/11/2016 17:00	Near No.8 Tsing Lung Tau Tsuen	Part of Tsing Lung Tau Tsuen
4/11/2016	6/11/2016 02:00	6/11/2016 15:00	Near Lamp Post AC0222 Castle Peak Road	MTR Tsuen Wan Depot and Sai Lau Kok Garden
5/11/2016	5/11/2016 19:35	5/11/2016 20:45	Near No.30A Chuen Lung Tsuen	No.30A Chuen Lung Tsuen
7/11/2016	7/11/2016 15:20	7/11/2016 16:15	Near Swan Neck 839,Lo Wai Tsuen, Lo Wai Road	Part of Lo Wai Tsuen
7/11/2016	7/11/2016 02:55	7/11/2016 12:00	Near Lamp Post DC1204 Tsuen Wan Market Street	No.135-143 Castle Peak Road, Tsuen Wan
8/11/2016	8/11/2016 14:55	8/11/2016 17:00	Back Lane of No.51 Chung Kwai Chung Tsuen	Part of Chung Kwai Chung Tsuen
8/11/2016	8/11/2016 14:00	8/11/2016 15:50	Near No.2-8 Yi Pei Square	No.2-8 Yi Pei Square
11/11/2016	11/11/2016 16:10	11/11/2016 16:55	Near No.95 Kwong Pan Tin Tsuen	No.95 Kwong Pan Tin Tsuen
15/11/2016	15/11/2016 20:00	16/11/2016 06:30	Near Lamp Post FA6371 Kwok Shui Road	No.552-566 Castle Peak Road
15/11/2016	15/11/2016 14:20	15/11/2016 15:20	Near No.18 Tai Pak Tin Village	Part of Tai Pak Tin Village
15/11/2016	15/11/2016 07:30	15/11/2016 09:25	Near No.42 San Tsuen Street	No.38-42 San Tsuen Street
16/11/2016	16/11/2016 16:32	16/11/2016 17:22	Near 167A Lo Wai	Part of Lo Wai
16/11/2016	16/11/2016	16/11/2016	Near Back Lane of	No.120-140 Tsuen Wan

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	10:45	12:10	No.120-140 Tsuen Wan Market Street	Market Street
17/11/2016	17/11/2016 15:36	17/11/2016 16:28	Near No.167 Lo Wai	No.167 and 167A Lo Wai
17/11/2016	17/11/2016 14:30	18/11/2016 02:30	Near Lamp Post FA5866 Shek Wai Kok Road	Shek Wai Kok Estate
22/11/2016	22/11/2016 10:45	22/11/2016 11:45	Near No.3 Fu Yung Shan San Tsuen	Part of Fu Yung Shan San Tsuen
22/11/2016	22/11/2016 15:20	22/11/2016 17:00	Near Lamp Post FB7592 Wang Lung Street	No.77-78 Wang Lung Street
22/11/2016	22/11/2016 23:55	23/11/2016 01:30	Near No.66 Sha Tsui Road	No.52-76 Sha Tsui Road
27/11/2016	27/11/2016 15:30	27/11/2016 16:30	Near Lamp Post FB5088 Mei Wan Street	Mei Wan Street Substation
27/11/2016	29/11/2016 16:15	29/11/2016 17:00	Yeung Uk Road Market Wo Tik Street	Yeung UK market Tsuen Wan
27/11/2016	27/11/2016 12:00	27/11/2016 13:15	Near No.107 Sam Tung Uk Resite Village	No.107 Sam Tung UK Tsuen
28/11/2016	28/11/2016 10:30	28/11/2016 12:00	Near No.22 Hoi Pa Village South Terrace	No.22 Hoi Pa Village South Terrace
29/11/2016	29/11/2016 22:00	29/11/2016 23:00	Back Lane of No.102 Chung On Street	No.102 Chung On Street
30/11/2016	30/11/2016 10:25	30/11/2016 11:50	Near No.15 Tsing Lung Tau Tsuen	Part of Tsing Lung Tau Tsuen
1/12/2016	1/12/2016 15:23	1/12/2016 15:45	Near lot 453 DD399 Castle Peak Road	Ting Yat Road
1/12/2016	1/12/2016 17:35	1/12/2016 19:10	No.7-11 Chuen Lung Street	No.27-39 Tsuen Wan Market Street
2/12/2016	2/12/2016 14:50	2/12/2016 15:30	Near No.1 Pai Min Kok Village	No.1 Pai Min Kok Village
2/12/2016	2/12/2016 15:45	2/12/2016 16:50	Near No.90 Sham Tseng San Village	Part of Sham Tseng San Village
3/12/2016	3/12/2016 11:30	3/12/2016 15:15	Near Lamp Post VC1558 Sham Hong Road	No.100 Sham Hong Road
5/12/2016	5/12/2016 11:20	5/12/2016 11:50	Near No.8 Tsing Lung Tau Tsuen	No.8 Tsing Lung Tau Tsuen
9/12/2016	9/12/2016 07:00	9/12/2016 14:30	Near No.10-16 Pun Shan Street	No.10-16 Oun Shan Street
12/12/2016	12/12/2016 11:50	12/12/2016 13:10	Near No.65-69 Chai Wan Kok Street	No.65-69 Chai Wan Kok Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
14/12/2016	14/12/2016 17:15	14/12/2016 18:00	Near No.118 Sam Tung UK Resite Village	No.118 Sam Tung Uk Resite Village
15/12/2016	15/12/2016 15:50	16/12/2016 02:30	Near Lamp Post FC0475 Texaco Road	No.4-218 Texaco Road
15/12/2016	15/12/2016 18:30	15/12/2016 18:55	Near No.76 Hoi Pa San Tsuen	Part of Hoi Pa San Tsuen, Han Tin Tsuen
17/12/2016	17/12/2016 14:40	18/12/2016 02:35	Near No.84 Chai Wan Kok Street	No.77-84 Chai Wan Kok Street
18/12/2016	18/12/2016 10:30	18/12/2016 21:30	Near Lamp Post FC3728 Lung Tak Street	No.202-188 Texaco Road, No.68 Wang Lung Street
19/12/2016	19/12/2016 10:00	19/12/2016 11:05	Near No.62 Sam Tung Uk Village	No.32 Sam Tung Uk Village
19/12/2016	19/12/2016 17:30	19/12/2016 19:45	Near No.109 Lo Wai	Part of Lo Wai
20/12/2016	20/12/2016 09:45	20/12/2016 11:00	Near No.100 Kwan Mun Hau Tsuen, Tsuen Wan.	No.99-100 Kwan Mun Hau Tsuen
22/12/2016	22/12/2016 14:30	22/12/2016 17:00	Back Lane of No.9-31 Tai Pei Square	No.9-31 Tai Pei Square
28/12/2016	28/12/2016 10:55	28/12/2016 15:10	Near No.80 Sam Tung UK Resite Village	No.80 Sam Tung Uk Resite Village
28/12/2016	28/12/2016 14:15	28/12/2016 17:00	Near Lamp Post GC0798 Hoi Hing Road	Part of Hoi Hing Road
29/12/2016	29/12/2016 21:30	30/12/2016 00:10	Near Lamp Post W1976 Shing Mun Road	No.1-10 Shing Mun Road
29/12/2016	30/12/2016 00:40	30/12/2016 02:10	Near No.40 Chai Wan Kok Street	Part of Chai Wan Kok Street
31/12/2016	31/12/2016 10:05	31/12/2016 11:00	Near Lamp Post V9686 Sham Hong Road	Sham Tseng Commercial New Village, Sham Tseng Light Housing
2/1/2017	2/1/2017 11:00	2/1/2017 13:45	Near No.57 Sham Tseng Commercial New Village	Part of Sham Tseng Commercial New Village
4/1/2017	4/1/2017 10:35	4/1/2017 11:08	Near Lo 2BB/56 Kin Yip San Tsuen	Kin Yip San Tsuen
9/1/2017	10/1/2017 00:20	10/1/2017 05:30	Near Lamp Post DC1359 Yuen Tun Circuit	Tsuen Wan Plaza
10/1/2017	10/1/2017 14:35	10/1/2017 15:10	Near No.16 Sham Tseng Kau Village	No.16 Sham Tseng Kau Village
10/1/2017	10/1/2017 09:55	10/1/2017 10:30	Near No.97 Kwan Mun Hau Tsuen	No.97 Kwan Mun Hau Tsuen
10/1/2017	10/1/2017	10/1/2017	Near Lamp Post	Mita Centre

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	14:15	15:20	FA6363 Kwok Shui Road	
10/1/2017	10/1/2017 14:50	10/1/2017 16:20	Near Lamp Post FB8507 Lo Wai	Part of Lo Wai
10/1/2017	10/1/2017 10:20	10/1/2017 11:00	Near No.40 Yuen Tun Village	Part of Yuen Tun Village
11/1/2017	11/1/2017 09:30	11/1/2017 10:10	Near No.67 Lo Wai Tsuen	No.66-76 Lo Wai Tsuen
12/1/2017	12/1/2017 14:00	12/1/2017 17:30	Near 132 Chung On Street	125-136 Chung On Street
13/1/2017	13/1/2017 14:55	13/1/2017 15:25	Near No.55 Lo Wai Tsuen	No.55-75 Lo Wai Tsuen
16/1/2017	18/1/2017 00:00	18/1/2017 07:55	Near No.188-202 Texaco Road	No.62-164 Texaco Road, and No.391-407 Sha Tsui Road, No.188 Yeung Uk Road
16/1/2017	16/1/2017 10:30	16/1/2017 11:25	Near No.119 Sam Tung Uk Resite Village	No.119 Sam Tung Uk Resite Village
18/1/2017	18/1/2017 20:07	19/1/2017 14:10	Near 7 Shing Mun Road	Shing Mun Road
18/1/2017	18/1/2017 14:25	19/1/2017 11:00	Near Lamp Post AC3336 Tai Chung Road	Hoi Hing Road Refuse Collection Point
19/1/2017	19/1/2017 11:15	19/1/2017 12:00	Near No.76 Hoi Pa San Tsuen	No.76 Hoi Pa San Tsuen
21/1/2017	21/1/2017 11:05	21/1/2017 12:10	Near No.3 Sham Tseng Village	No.3 Sham Tseng Village
30/1/2017	30/1/2017 14:20	30/1/2017 23:30	Near 4A Chai Wan Kok Street	Chai Wan Kok Street Food Market and Chai Wan Kok Street Public Toilet
3/2/2017	3/2/2017 10:20	3/2/2017 11:05	Near Lamp Post W3712 Lo Wai	Part of Lo Wai Tung Kwu Shek
4/2/2017	4/2/2017 14:30	4/2/2017 15:45	Near No.123 Sam Tung Uk Resite Village	No.123 Sam Tung Uk Resite Village.
7/2/2017	7/2/2017 22:45	8/2/2017 03:15	Near No.239 Sha Tsui Road	No.237-255 Sha Tsui Road & No.83-89 Chuen Lung Street
9/2/2017	9/2/2017 10:45	9/2/2017 11:40	Near Lamp Post W3710 Lo Wai Tsuen	Lo Wai Tsuen
10/2/2017	10/2/2017 16:10	10/2/2017 17:20	Near No.146 Lo Wai Tsuen	No.140-151 Lo Wai Tsuen
10/2/2017	10/2/2017 10:10	10/2/2017 19:10	Near Lamp Post W0476 Kwok Shui Road	No.132-140 Kwok Shui Road (Safety Godown)

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
13/2/2017	13/2/2017 19:25	13/2/2017 22:30	Near No.53 Chung Kwai Chung Tsuen	No.53 Chung Kwai Chung Tsuen
13/2/2017	13/2/2017 23:00	14/2/2017 01:00	Back Lance of No.49 Chung On Street	No.49 Chung On Street
15/2/2017	15/2/2017 11:05	15/2/2017 11:55	Near Lamp Post VA3772, Ha Fa Shan	Part of Ha Fa Shan
17/2/2017	17/2/2017 16:30	17/2/2017 17:10	Near No.4 Kin Yin Sun Tsuen	No.4-10 Kin Yin Sun Tsuen
17/2/2017	17/2/2017 10:30	17/2/2017 11:50	Near No.61 Ho Pui Street	No.45-46 Ho Pui Street
17/2/2017	17/2/2017 13:30	17/2/2017 14:40	Near No.34 Fai Yiu Kok Street	No.12-34 Fai Yiu Kok Street No.35-47 Wang Lung Street.
20/2/2017	20/2/2017 15:30	21/2/2017 10:45	Near Refuse Collection Point.Yau Kom Tau Village	Refuse Collection PointYau Kom Tau Village
21/2/2017	21/2/2017 07:55	21/2/2017 12:35	No. 4 Ho Pui Tsuen, Kwok Shui Road	No. 4 Ho Pui Tsuen
22/2/2017	23/2/2017 20:30	24/2/2017 04:45	Near No.93 Chai Wan Kok Street	No.77-95 Chai Wan Kok Street
26/2/2017	27/2/2017 16:35	27/2/2017 17:35	Near No.18 Tsuen Kwai Street	Jade Court, Tsuen Wan Garden Commercial Center
27/2/2017	27/2/2017 09:40	27/2/2017 10:20	Near No.42C Sham Tseng San Tsuen	No.42C Sham Tseng San Tsuen
2/3/2017	2/3/2017 17:45	3/3/2017 04:00	Near No.53-61 Pak Tin Pai Street	No.41-51 Pak Tin Par Street, No.8 Tai Chung Road
8/3/2017	8/3/2017 13:45	8/3/2017 15:00	Near No.61 Sam Tung Uk Resite Village	No.61-62 Sam Tung Uk Resite Village
9/3/2017	9/3/2017 15:40	9/3/2017 16:40	Near Lamp Post W4130 Hoi Shing Road	No. 20 Hoi Shing Road
10/3/2017	10/3/2017 09:55	10/3/2017 10:40	Near No. 130 Lo Wai Tsuen	No.110-130 Lo Wai Tsuen
10/3/2017	11/3/2017 09:30	11/3/2017 11:30	Near No.6-9 Ho Pui Tsuen,	No.56-73 Ho Pui Tsuen
11/3/2017	11/3/2017 14:00	11/3/2017 15:30	No. 7-9 Hill Top Road, Tsuen Wan.	No.1-9 Hill Top Road
12/3/2017	12/3/2017 09:55	12/3/2017 21:30	Near No.107 Hoi Pa Street, Tsuen Wan.	No.107 Hoi Pa Street
13/3/2017	14/3/2017 14:30	14/3/2017 16:00	Near Lamp Post AC4856 Sham Hong Road	No. 7-12 Sham Hong Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
13/3/2017	13/3/2017 17:30	13/3/2017 20:30	Near No. 133 Castle Peak Road	No.117-135 Castle Peak Road
17/3/2017	17/3/2017 16:10	17/3/2017 18:00	Near No. 21 Wo Tik Street	No. 21 Wo Tik Street
17/3/2017	18/3/2017 08:30	18/3/2017 10:35	Near Fu Yung Shan Yiu Tai Public Toilet	Fu Yung Shan Yiu Tai Public Toilet
22/3/2017	22/3/2017 19:15	22/3/2017 20:30	Back of No.8 Hoi Pa Resite Village	No. 8 Hoi Pa Resite Village
23/3/2017	23/3/2017 18:00	23/3/2017 18:45	Near No.89 Chung On Street	No.89-99 Chung On Street, No.27-33 Yi Pei Square
27/3/2017	27/3/2017 15:40	27/3/2017 16:10	Near Lamp Post W2682, Route Twisk	Kwong Pan Tin Village Public Toilet
30/3/2017	7/4/2017 10:25	7/4/2017 15:00	Near No. 184 Sha Tsui Road	No. 146-188 Sha Tsui Road, No. 61-73 Yuen Tun Win, No. 45-59 Heung Wo Street
30/3/2017	30/3/2017 10:00	30/3/2017 12:05	Near No.25 Tso Kung Square	No. 25-27 Tso Kung Square
1/4/2017	1/4/2017 10:30	1/4/2017 14:15	Near Lamp Post VA3775 Fung Shing Tsuen, Ma Wan	Fung Shing Tsuen
3/4/2017	3/4/2017 15:40	3/4/2017 16:35	Near No. 67 Tsing Fai Tong New Village	No. 66-68 Tsing Fai Tong New Village
4/4/2017	4/4/2017 11:30	4/4/2017 18:15	Near Lamp Post FA5556 Route Twisk	Part of Route Twisk
4/4/2017	4/4/2017 17:55	4/4/2017 20:00	Near No. 63A Tsing Fai Tong New Village, Sham Tseng	Tsing Fai Tong New Village
6/4/2017	13/4/2017 10:05	13/4/2017 12:00	Back Lane of No. 106 Chung On Street	No. 92-122 Chung On Street (even no.)
8/4/2017	8/4/2017 15:10	8/4/2017 17:40	Near No. 132-140 Kwok Shui Road	No. 116-149 Kwok Shui Road
8/4/2017	8/4/2017 18:45	8/4/2017 21:00	Near No. 132 Lo Wai Tsuen	No. 132 Lo Wai Tsuen
9/4/2017	9/4/2017 10:50	9/4/2017 11:55	Near No. 10-16 Pun Shan Street	No. 10-22 Pun Shan Street
10/4/2017	10/4/2017 10:25	10/4/2017 11:05	Near No. 1C Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
11/4/2017	13/4/2017 09:55	13/4/2017 10:50	Back Lane of No. 91 Chung On Street	No. 89-99 Chung On Street (odd no.), No. 27-31 Yi Pei Square (odd

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				no.)
12/4/2017	12/4/2017 16:40	12/4/2017 17:30	Near No. 127 Tai Pak Tin Village	No. 127 Tai Pak Tin Village
13/4/2017	13/4/2017 14:40	13/4/2017 17:40	Near Lamp Post DC2114 Tai Ho Road	Tsuen Wan Park
14/4/2017	14/4/2017 16:05	14/4/2017 16:50	Near Lamp Post FC0493 Wing Tak Street	Part of Wing Tak Street
15/4/2017	15/4/2017 10:10	15/4/2017 16:00	Near Lamp Post FA4700 Texaco Road	No. 231 Texaco Road
16/4/2017	16/4/2017 14:55	16/4/2017 17:00	Near Lamp Post SLKPT/D/0014 Kwok Pan Tin Village	Partially of Kwok Pan Tin Village
16/4/2017	16/4/2017 15:00	16/4/2017 16:30	No. 10A1 Sham Tseng New Tsuen	Part of Sham Tseng New Village
18/4/2017	18/4/2017 10:00	18/4/2017 11:25	No. 10A Sham Tseng San Village	Part of Sham Tseng New Village
19/4/2017	19/4/2017 17:45	19/4/2017 21:45	Near No. 340 Castle Peak Road,	No. 328-350 Castle Peak Road.
27/4/2017	27/4/2017 15:20	27/4/2017 17:15	Near No. 7-11 Tsuen Hing Path	No. 7-11 Tsuen Hing Path
2/5/2017	2/5/2017 22:00	3/5/2017 01:00	Near Lamp Post DC1452 Hoi On Road	Hoi On Road
5/5/2017	5/5/2017 12:10	5/5/2017 13:00	Near No. 19 Sham Tseng Village	No. 32C Sham Tseng Village
9/5/2017	9/5/2017 10:34	9/5/2017 14:36	Near No.109 Sam Tung Uk Resite Village	No.109 Sam Tung Uk Resite Village
10/5/2017	11/5/2017 09:00	11/5/2017 10:30	Near No. 188 Yau Ma Hom Road	No.188 Yau Ma Hom Resite Village
17/5/2017	17/5/2017 21:20	17/5/2017 22:50	Near No. 42 Fui Yiu Kok Street	No. 42 Fui Yiu Kok Street
18/5/2017	18/5/2017 10:05	18/5/2017 10:36	Near No. 16 Tsing Lung Tau Tsuen	Part of Tsing Lung Tau Tsuen
19/5/2017	19/5/2017 16:40	21/5/2017 09:00	Near No. 71-75 Chai Wan Kok Street	No. 35-81 Chai Wan Kok Street
19/5/2017	19/5/2017 21:30	20/5/2017 01:45	Back of No. 72 Kwan Mun Hau Tsuen	No. 72 Kwan Mun Hau Tsuen
22/5/2017	22/5/2017 09:40	22/5/2017 10:40	Near No. 61 Sham Tseng Kau Tsuen	No. 61 Sham Tseng Kau Tsuen
25/5/2017	25/5/2017 17:40	25/5/2017 18:35	Near No.36 Muk Min Ha Village	No. 36 Muk Min Ha Village
26/5/2017	26/5/2017 11:35	26/5/2017 12:30	Near No. 51 Ho Pui Tsuen	No. 51 Ho Pui Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
29/5/2017	30/5/2017 09:30	30/5/2017 11:30	Near No. 27 Yi Pei Square	No.27-29 Yi Pei Square
31/5/2017	31/5/2017 15:00	31/5/2017 17:25	Near No.20 Hoi Pa Village Northeast Terrace	No. 19-22 Hoi Pa Village Northeast Terrace
31/5/2017	31/5/2017 14:57	31/5/2017 15:38	Near No. 99 Sam Tung Uk Resite Village	No.99 Sam Tung Uk Resite Village
31/5/2017	6/6/2017 11:05	6/6/2017 14:00	Near Lamp Post FB4674 Tso Kung Square	Heung Che Street Refuse Collection Point
31/5/2017	6/6/2017 10:40	6/6/2017 12:00	Near Lamp Post VC2140, Chuen Lung	Part of Chuen Lung
1/6/2017	1/6/2017 14:10	1/6/2017 15:25	Near No. 39K Sham Hong Road	Part of Sham Hong Road
2/6/2017	2/6/2017 17:00	2/6/2017 18:00	Near No. 94 Sam Tung Uk Resite Village	No. 94 Sam Tung Uk Resite Village
3/6/2017	3/6/2017 14:08	3/6/2017 15:45	Near No. 17 Hoi Pa Resite Village	No. 16-21 Hoi Pa Resite Village
3/6/2017	3/6/2017 13:10	3/6/2017 14:00	Near No. 86C Sham Tseng San Tsuen	No. 36-90 Sham Tseng San Tsuen.
5/6/2017	5/6/2017 11:25	5/6/2017 15:00	Near Lamp Post FB5794 Po Fung Road	1 No. of Building Service Meter
6/6/2017	6/6/2017 16:40	6/6/2017 17:45	Near No. 32A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen
9/6/2017	9/6/2017 14:00	9/6/2017 18:55	Near No. 185-187 Castle Peak Road	No. 185-187 Castle Peak Road
9/6/2017	9/6/2017 20:15	9/6/2017 21:30	Near Lamp Post AC0206 Castle Peak Road	No. 364-372, 382-392 Castle Peak Road
10/6/2017	10/6/2017 16:15	10/6/2017 17:30	Opposite Lamp Post AC4856 Sham Hong Road	No. 7-10 Sham Tseng San Tsuen
13/6/2017	13/6/2017 10:20	13/6/2017 11:20	Near Back Lance of No. 17-33 Wang Lung Street	No. 17-33 Wang Lung Street
15/6/2017	15/6/2017 11:05	15/6/2017 12:35	No. 36 San Tsuen Street	No. 36 San Tsuen Street
16/6/2017	16/6/2017 20:15	17/6/2017 00:00	Back Lane of No. 9-31 Tai Pei Square	No. 9-31 Tai Pei Square
16/6/2017	16/6/2017 09:40	16/6/2017 13:00	Near Lamp Post W1948 Sai Lau Kok Road	Firs services supply of Tsuen Wan Station
23/6/2017	23/6/2017 10:50	23/6/2017 12:10	Near No. 113 Sam Tung Uk Resite Village	No. 113 Sam Tung Uk Resite Village
23/6/2017	27/6/2017	27/6/2017	Near No. 53-61, Pak Tin	No. 53-61 Pak Tin Par

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	18:15	21:30	Par Street	Street
24/6/2017	25/6/2017 14:00	25/6/2017 16:30	No. 4 Yeung Uk Tsuen	No. 1-13 Yeung Uk Tsuen
27/6/2017	27/6/2017 10:40	27/6/2017 12:10	Near No. 127 Yi Pei Chun	Part of Yi Pei Chun
28/6/2017	28/6/2017 14:05	28/6/2017 15:00	Near No. 52 Sham Tseng Village	No. 50-53 Sham Tseng Village
29/6/2017	29/6/2017 09:00	29/6/2017 12:00	Near Lamp Post V9701 Tsing Fai Tong New Village	No. 60-67 Tsing Fai Tong New Village
30/6/2017	30/6/2017 14:00	30/6/2017 15:20	Near No. 26 Ho Pui Tsuen	No. 25-26 Ho Pui Tsuen
8/7/2017	8/7/2017 22:46	9/7/2017 03:45	Near No. 40-50 Sha Tsui Road	No. 40-66A Sha Tsui Road
10/7/2017	10/7/2017 11:15	10/7/2017 12:45	Back Lane of No. 109 Chuen Lung Street	No. 109 Chuen Lung Street
13/7/2017	13/7/2017 13:20	13/7/2017 15:45	Near No. 39K Sham Tseng San Tsuen	No. 36 Sham Tseng San Tsuen
15/7/2017	15/7/2017 14:00	15/7/2017 16:30	Back of No. 33 Hoi Pa Village South Terrace	No. 33 Hoi Pa Village South Terrace
19/7/2017	19/7/2017 16:30	19/7/2017 19:30	No. 2 Ho Pui Tsuen	No. 1-2 Ho Pui Tsuen
20/7/2017	20/7/2017 14:45	20/7/2017 16:25	Near No. 16 Hoi Pa Village	No. 16-21 Hoi Pa Village
22/7/2017	22/7/2017 16:00	22/7/2017 17:30	Back Lane of No. 125A Chuen Lung Street	No. 125 Chuen Lung Street
24/7/2017	24/7/2017 18:50	25/7/2017 02:33	Near No. 20 Hoi Shing Road	No. 20 Hoi Shing Road
27/7/2017	27/7/2017 09:55	27/7/2017 10:27	Near No. 16 Kwan Mun Hau Tsuen	No. 16 Kwan Mun Hau Tsuen
28/7/2017	28/7/2017 15:35	28/7/2017 16:05	Near Lamp Post FC 3764 Lung Yue Road	Part of Lung Yue Road
29/7/2017	29/7/2017 14:10	29/7/2017 19:00	Near No. 220 Sai Lau Kok Road	Ho Fai Garden
3/8/2017	3/8/2017 15:30	3/8/2017 17:00	Near No. 95 Sam Tung Uk Village	No. 95 Sam Tung Uk Village
3/8/2017	3/8/2017 10:35	3/8/2017 11:45	Near Kwong Pan Tin Tsuen Toilet, Route Twisk	Part of Kwong Pan Tin Tsuen
4/8/2017	5/8/2017 15:50	5/8/2017 22:30	Near No. 417 Castle Peak Road	No. 364-380 Castle Peak Road Wing Lok House(Fuk Loi Estate)

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
5/8/2017	5/8/2017 10:30	5/8/2017 12:40	Near Lamp Post SFYS/D/006 Fu Yung Shan Tsuen	Part of Fu Yung Shan Tsuen
6/8/2017	6/8/2017 01:00	6/8/2017 07:20	Near No. 95 Chai Wan Kok Street	No. 77-95 Chai Wan Kok Street
6/8/2017	6/8/2017 01:30	6/8/2017 08:30	Near No. 77 Chai Wan Kok Street	No.77-95 Chai Wan Kok Street
6/8/2017	6/8/2017 10:00	6/8/2017 12:20	Near Lamp Post FB5087 Mei Wan Street	Mei Wan Street CLP Substation
9/8/2017	9/8/2017 10:10	9/8/2017 13:05	Near No. 2-8, Tsuen Hing Path	No. 2-8 Tsuen Hing Path
10/8/2017	10/8/2017 09:55	10/8/2017 15:00	Near No. 7 Hoi Pa Resite Village	No. 1-9 Hoi Pa Resite Village
11/8/2017	11/8/2017 14:20	11/8/2017 15:30	Near Lamp Post VC0570 Lo Wai Sheung Kok Shan Tsuen	No. 11 B Sheung Kok Shan Tsuen
11/8/2017	11/8/2017 09:30	11/8/2017 11:20	Near Lamp Post AC5123 Tai Ho Road	Tsuen Wan Park
14/8/2017	14/8/2017 10:05	14/8/2017 11:05	Near No. 124 Chung On Street	No. 124 Chung On Street.
14/8/2017	14/8/2017 22:00	15/8/2017 06:20	Near Lamp Post FB2837 Ting Kwok Street	Kwan Mun Hau Tsuen
15/8/2017	15/8/2017 13:15	15/8/2017 14:00	Near No. 108 Sam Tung Uk Village	No. 108 Sam Tung Uk Village
15/8/2017	15/8/2017 10:45	15/8/2017 12:15	Near Lamp Post W2690 Kwong Pan Tin Tsuen, Route Twisk	Part of Kwong Pan Tin Tsuen
16/8/2017	16/8/2017 09:35	16/8/2017 12:00	Near No. 18 Cho Kung Square	No. 14-36 Cho Kung Square
16/8/2017	16/8/2017 09:35	16/8/2017 10:30	Near No. 67 Kwan Mun Hau Tsuen	No. 67 Kwan Mun Hau Tsuen
16/8/2017	16/8/2017 21:30	16/8/2017 23:30	Back Lane of No. 52 Kwan Mun Hau Tsuen	No. 52 Kwan Mun Hau Tsuen
17/8/2017	21/8/2017 09:40	21/8/2017 12:55	Near No. 5-9 Chai Wan Kok Street	No. 5-9 Chai Wan Kok Street
18/8/2017	18/8/2017 10:30	18/8/2017 12:00	Near No. 30-32 Chai Wan Kok Street	No. 30-32 Chai Wan Kok Street
18/8/2017	18/8/2017 10:00	18/8/2017 15:00	Near Lamp Post BC2193 Tai Kiu Tsuen, Route Twisk	Part of Tai Kiu Tsuen
19/8/2017	19/8/2017 10:30	19/8/2017 13:10	Near No. 1A Route Twisk, Tsuen Wan.	No. 1A Route Twisk

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
20/8/2017	20/8/2017 09:15	20/8/2017 13:00	Back Lane of No. 337-339 Sha Tsui Road, Tsuen Wan.	No. 337-339 Sha Tsui Road
21/8/2017	22/8/2017 10:05	22/8/2017 10:35	Near No. 301 Wo Yi Hop Road	No. 301 Wo Yi Hop Road
28/8/2017	28/8/2017 22:00	29/8/2017 00:30	Near Lamp Post W0631 Hilltop Road	Po Kwong Yuen
1/9/2017	1/9/2017 13:00	1/9/2017 14:15	Near No. 25 Chung Kwai Chung Tsuen	No. 25 Chung Kwai Chung Tsuen
1/9/2017	1/9/2017 11:00	1/9/2017 13:45	Near Lamp Post SFYS/D/004, Fu Yung Shan Road	Fu Yung Shan Road
1/9/2017	1/9/2017 23:00	2/9/2017 06:00	Near Tsuen Wan West Low Level Fresh Water Service Reservoir	Allway Gardens
5/9/2017	5/9/2017 08:10	5/9/2017 11:50	Near Lamp Post V9687 Sham Tseng Sun Tsuen	Sham Tseng Sun Tsuen
6/9/2017	6/9/2017 14:30	6/9/2017 15:23	Near No. 120 Sam Tung Uk Resite Village	No. 120 Sam Tung Uk Resite Village
7/9/2017	7/9/2017 11:00	7/9/2017 16:00	Back Lane of No. 1165 Kwan Mun Hau Tsuen	Part of Kwan Mun Hau Tsuen
8/9/2017	8/9/2017 13:20	8/9/2017 14:10	Near Lamp Post FB8492 Lo Wai Tsuen	No. 171-172 Lo Wai Tsuen
8/9/2017	8/9/2017 23:05	9/9/2017 02:50	Near No. 12 Chuen Lung Street	No. 4-18 Chuen Lung Street, No.15-19 Tsuen Wan Market Street, No. 2-4 Shiu Wo Street
10/9/2017	10/9/2017 18:45	10/9/2017 22:06	Near No 3-7 Kin Ming Street.	Cheong Wah Building
11/9/2017	11/9/2017 21:30	12/9/2017 01:05	Near No. 28 Tai Chung Road	No. 22-28 Tai Chung Road
11/9/2017	11/9/2017 14:32	11/9/2017 15:15	Near No.23 Tsuen Wan Market Street	No. 27-49 Tsuen Wan Market Street. No. 12-36 Shiu Wo Street
14/9/2017	14/9/2017 11:25	14/9/2017 21:39	Near Lamp Post FA5153 Tai Chung Road	Chai Wan Kok Street Garden. Hoi Shing Road CLP Station
18/9/2017	18/9/2017 20:37	18/9/2017 23:30	Near No. 22-24 Tak Wah Street	No. 22-24 Tak Wah Street
18/9/2017	18/9/2017 09:30	18/9/2017 10:20	Near Lamp Post V9404 Ha Fa Shan Tsuen	Ha Fa Shan Playground
20/9/2017	20/9/2017 09:51	20/9/2017 11:07	Near No. 25A Sham Tseng San Tsuen	Part of Sham Tseng San Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
20/9/2017	20/9/2017 14:00	20/9/2017 15:40	Near Lamp Post FB3018 Sha Tsui Road	Wang Wo Tsai Street Garden
25/9/2017	25/9/2017 09:25	25/9/2017 10:10	Near No. 81 Lo Wai Tsuen	No. 115-117 Lo Wai Tsuen
28/9/2017	28/9/2017 14:20	28/9/2017 15:20	Near No. 600 Castle Peak Road	No. 600 Castle Peak Road
29/9/2017	29/9/2017 14:10	29/9/2017 18:20	Near No. 8 Tai Ho Road	No. 8 Tai Ho Road
30/9/2017	30/9/2017 13:10	30/9/2017 14:30	Near No. 185-187 Castle Peak Road	No. 187 Castle Peak Road
2/10/2017	2/10/2017 13:46	2/10/2017 14:21	Near No. 15 Pai Min Kok Village	Part of Pai Min Kok Village
6/10/2017	6/10/2017 10:20	6/10/2017 11:15	Near No. 39 Yuen Tun Village	No.39 Yuen Tun Village
6/10/2017	6/10/2017 14:00	6/10/2017 15:10	Near No. 64 Fu Yung Shan San Tsuen	Part of Fu Yung Shan San Tsuen
13/10/2017	22/10/2017 11:35	22/10/2017 12:35	Near No. 52A Sha Tsui Road	No. 52A Sha Tsui Road
13/10/2017	13/10/2017 13:45	13/10/2017 15:58	Near No. 21 Ho Pui Tsuen	No. 21-24 Ho Pui Tsuen
14/10/2017	14/10/2017 09:35	14/10/2017 12:16	Near No. 22 Ho Pui Tsuen	No.21-24 Ho Pui Tsuen
16/10/2017	16/10/2017 10:40	16/10/2017 11:20	Back of No. 13 Kwan Mun Hau Tsuen	No. 1-19 Kwan Mun Hau Tsuen
16/10/2017	16/10/2017 13:40	16/10/2017 15:10	Near Lamp Post W3710 Lo Wai Road	Lo Wai Road
19/10/2017	24/10/2017 10:10	24/10/2017 12:30	Near No. 11-15 Tso Kung Square	No. 129 Sha Hsui Road
23/10/2017	23/10/2017 11:41	23/10/2017 12:08	Near Lamp Post 1998 Sai Lau Kok Road	Tsuen Wan Station
23/10/2017	23/10/2017 14:19	23/10/2017 15:17	Near Lamp Post U7680 Hoi Pa Street	Tsuen Wan Government Secondary School
25/10/2017	25/10/2017 10:00	25/10/2017 10:45	Near No. 27C Sham Tseng Sun Tsuen	No. 9-30 Sham Tseng Sun Tsuen
25/10/2017	25/10/2017 14:15	25/10/2017 17:00	Near No. 40 Sam Tung Uk Village	No. 39-40 Sam Tung Uk Village
25/10/2017	25/10/2017 16:15	25/10/2017 18:00	Near Lam Post No. VC0388 Ma Wan Main Street	Ma Wan Youth Camp
30/10/2017	30/10/2017 13:20	30/10/2017 14:50	Near Lamp Post FB4670, Tai Kiu Tsuen	Part of Tai Kiu Tsuen
31/10/2017	31/10/2017 14:05	31/10/2017 16:30	Near No. 2 Lai Shun Road	No. 2 Lai Shun Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
31/10/2017	5/11/2017 12:35	5/11/2017 14:35	Back of No. 36 Ho Pui Tsuen	No.36 Ho Pui Tsuen
1/11/2017	1/11/2017 19:05	2/11/2017 01:30	Near No. 132-140 Kwok Shui Road	No. 132-149 Kwok Shui Road
2/11/2017	2/11/2017 09:50	2/11/2017 11:25	Near No. 84-92 Chai Wan Kok Street	Chai Wan Kok Street
6/11/2017	6/11/2017 15:35	6/11/2017 16:20	Near Lamp Post FB4674 Tso Kung Square	Heung Che Street Market
9/11/2017	11/11/2017 23:30	12/11/2017 01:30	Near Lamp PostP No. W1542 Texaco Road North	Shing Mun Valley Swimming Pool, Wai Tsuen Sports Center
14/11/2017	18/11/2017 12:15	18/11/2017 14:30	Near Lamp Post FA2163 Heung Che Street	Refuse Collection Point Heung Che Street
20/11/2017	20/11/2017 09:50	20/11/2017 10:55	Near No. 35 Fu Yung Shan San Tsuen	No. 36 Fu Yung Shan San Tsuen
21/11/2017	21/11/2017 14:35	21/11/2017 16:30	Near No. 42, Ho Pui Tsuen, Kwok Shui Road	No. 42, Ho Pui Tsuen
23/11/2017	23/11/2017 09:45	23/11/2017 11:30	Near Lamp Post FA5508, Route Twisk, Tsuen Wan	Part of Kwong Pan Tin Tsuen Section 4
24/11/2017	29/11/2017 09:55	29/11/2017 14:05	Near No. 86, Hoi Pa San Tsuen	No. 84-87, Hoi Pa San Tsuen
24/11/2017	29/11/2017 09:55	29/11/2017 10:50	Near No. 90, Hoi Pa San Tsuen	Part of Hoi Pa San Tsuen, Ho Pui Tsuen and Kwan Mun Hau Tsuen
24/11/2017	24/11/2017 10:05	24/11/2017 10:35	Near No. 47-51, Shiu Wo Street	No. 167-169, Castle Peak Road and No. 47-51, Shiu Wo Street
29/11/2017	29/11/2017 16:50	29/11/2017 20:35	Near Lamp PostSHMC/D/0023 Yau Kom Tau Village	Part of Yun Kom Tau Village
30/11/2017	30/11/2017 10:20	30/11/2017 11:35	Near No. 43, Ting Kau	Part of Ting Kau Tsuen
30/11/2017	30/11/2017 13:20	30/11/2017 16:00	Near No. 86, Hoi Pa San Tsuen	No. 84-87, Hoi Pa San Tsuen
1/12/2017	1/12/2017 11:20	1/12/2017 12:08	Near Lamp Post VC0449 Lo Wai Tsuen	Part of Shueng Kok Shan Road
3/12/2017	3/12/2017 11:50	3/12/2017 13:30	NearFire Hydrant 10539, Castle Peak Road-Ting Kau	Part of Approach Beach

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
5/12/2017	5/12/2017 16:25	5/12/2017 19:30	Near Lamp Post DC2121, Tai Ho Road	Skyline Plaza
5/12/2017	5/12/2017 20:25	6/12/2017 05:25	Near No. 3-7, Kin Ming Street	No. 3-7, Kin Ming Street.
6/12/2017	6/12/2017 07:50	6/12/2017 19:00	Near Lamp Post AC1986, Tsuen Wan Market Street	No.67-133 Market Street, No.7-11 Yan Chai Street
6/12/2017	6/12/2017 09:55	6/12/2017 11:20	Back of No. 49, Tsuen Wan Market Street	No. 49, Tsuen Wan Market Street
11/12/2017	11/12/2017 14:48	11/12/2017 16:34	Near No. 7, Hoi Pa Village Northeast Terrace	No. 7-8, Hoi Pa Village Northeast Terrace
11/12/2017	11/12/2017 10:40	11/12/2017 11:30	Near No. 47-51, Shiu Wo Street	No. 47-51, Shiu Wo Street
13/12/2017	13/12/2017 12:45	13/12/2017 13:40	Near Lamp Post V9425, Sham Tseng West Tsuen	Part of Sham Tseng West Tsuen
14/12/2017	14/12/2017 10:30	14/12/2017 11:35	Near No. 8, Hoi Pa Village Northeast Terrace	No. 8, Hoi Pa Village Northeast Terrace
15/12/2017	15/12/2017 09:40	15/12/2017 10:40	No. 112, Fu Yung Shan San Tsuen	No. 112, Fu Yung Shan San Tsuen
20/12/2017	20/12/2017 23:00	21/12/2017 00:45	Near No. 123, Castle Peak Raod	No. 117-133, Castle Peak Road
30/12/2017	30/12/2017 08:10	30/12/2017 10:45	Beside of No. 37, Tso Kung Square	Tso Kung Square Garden

(B) Flushing Water Suspensions in Tsuen Wan District due to Emergency Repair of Water Mains from 2013 to 2017

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
10/1/2013	10/1/2013 09:50	10/1/2013 13:30	No.22 Hoi Pa Village South Terrace Back Lane	No.21-33 Hoi Pa Village South Terrace
12/1/2013	12/1/2013 21:20	13/1/2013 14:00	No.21 Tai Ho Road	Chau's Building, No.12-18 Chuen Lung Street, Junior Police Call Club Building
15/1/2013	15/1/2013 05:00	15/1/2013 11:45	No.633 Castle Peak Road	Tsuen Wan Government Primary School, Belvedere Garden Phase

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				II, T.W. West Sport Centre, HK Baptist Convention Primary School, Bay View Garden, The Westminster Terrace
17/1/2013	17/1/2013 10:15	18/1/2013 09:00	No.78 Texaco Road Back Lane	No.72-86 Texaco Road
18/1/2013	18/1/2013 10:30	18/1/2013 15:00	No/86 Texaco Road Back Lane	No.72-96 Texaco Road Premises
19/1/2013	19/1/2013 11:40	19/1/2013 14:30	No.88 Texaco Road Back Lane	No.72-88 Texaco Road
25/1/2013	25/1/2013 17:00	25/1/2013 19:30	No.38 Chai Wan Kok Street	No.30-40 Chai Wan Kok Street
28/1/2013	28/1/2013 19:00	28/1/2013 19:45	Near Fire Hydrant 2332 On Yin Street	Tsuen Wan Adventist Hospital, Construction site
30/1/2013	30/1/2013 11:30	1/2/2013 02:20	Hoi Kwai Road near Lamp Post AC 5902	Kwai Ching North, Kwai Ching South, Tsuen Wan Town Centre, Container Port Road
2/2/2013	2/2/2013 09:30	2/2/2013 16:00	No.313 Wo Yi Hop Road Back Lane	No.273-335 Wo Yi Hop Road,1-7 Lei Shu Road
2/2/2013	2/2/2013 10:40	2/2/2013 16:30	No.95 Kwan Mun Hau Tsuen	No.81-90 Kwan Mun Hau Tsuen
2/2/2013	2/2/2013 14:01	2/2/2013 15:30	No.40 Hau Tei Square Back Lane	No.28-82 Hau Tei Square, No.207-211 Sha Tsui Road, No.91-99 Tai Ho Rd
5/2/2013	6/2/2013 01:30	7/2/2013 01:35	Yeung Uk Road Near Lamp Post DC1784	Tsuen Wan Town Centre, North & South Kwai Chung, Container Pier Road
7/2/2013	7/2/2013 13:30	7/2/2013 14:50	No.40-50 Sha Tsui Rd	No.8-76 Sha Tsui Rd
7/2/2013	8/2/2013 01:40	8/2/2013 14:00	Yeung Uk Road near Lamp Post DC1785	Tsuen Wan Town Centre, Containter Part Rd, North and East Kwai Chung
14/2/2013	14/2/2013 14:05	14/2/2013 18:45	Sha Tsui Road near Lamp Post AC 3408	Sha Tsui Road Playground
18/2/2013	18/2/2013 13:15	18/2/2013 22:00	No.6 Tai Pei Square	No.27-55 Chung On Street, No.120-150 Hoi Pa Street, No.31-89 Chuen Lung Street,

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				No.2-24 Tai Pei Square, No.237-255 Sha Tsui Road
21/2/2013	21/2/2013 11:55	21/2/2013 15:00	No.18 Pun Shan Street	No.10-20 Pun Shan Street
27/2/2013	27/2/2013 13:35	27/2/2013 15:30	Tsuen Yip Street near Fire Hydrant 5425	No.120-164 Texaco Rd No.18 Ma Kok Street
28/2/2013	28/2/2013 14:30	1/3/2013 09:00	Near No.80 Hau Tei Square Back Lane	Hai Tei Square
8/3/2013	8/3/2013 13:55	8/3/2013 17:05	No.30 Hoi Pa Street	No.2-32 Hoi Pa Street, No.2-36 Tso Kung Square, No.25-32 Heung Che Street, No.2-6 Tso Kung Street
10/3/2013	10/3/2013 07:30	10/3/2013 15:00	Tsuen Wan Market Street	Tsuen Wan Market Street Public Toilet Playground
12/3/2013	12/3/2013 20:00	13/3/2013 01:00	No.102 Tsuen King Circuit	Tsuen King Circuit & On Yin Street
13/3/2013	13/3/2013 10:00	13/3/2013 14:00	1B Sam Tung Uk Resite Village Back Lane	No.11-18 Sam Tung Uk Resite Village
14/3/2013	14/3/2013 14:00	15/3/2013 09:00	Near Mita Centre Kwok Shui Road	Mita Centre
19/3/2013	19/3/2013 14:00	20/3/2013 09:00	Near No.311 Wo Yi Hop Road Back Lane	No.309-311 Wo Yi Hop Road
22/3/2013	22/3/2013 10:10	22/3/2013 10:40	Near No.41 Chung Kwai Chung Tsuen	No. 1 to 58 Chung Kwai Chung Tsuen
22/3/2013	22/3/2013 18:32	23/3/2013 00:30	No.275 Wo Yi Hop Road Back Lane	No.273-355 Wo Yi Hop Road & No.1-17 Lei Shu Road
23/3/2013	23/3/2013 10:30	23/3/2013 15:30	Near No.37 Tso Kung Square Back Lane	No.105 Sha Tsui Road
24/3/2013	24/3/2013 12:30	25/3/2013 09:00	No.362 Sha Tsui Road	Fortune Commerical Building
25/3/2013	25/3/2013 10:30	25/3/2013 15:30	No.28 Hoi Pa Resite Village Back Lane	No.22-31 Hoi Pa Resite Village
26/3/2013	26/3/2013 10:00	26/3/2013 11:30	Near No.177 Tsuen Wan Market Street	No.117-133 Castle Peak Road
27/3/2013	27/3/2013 06:50	27/3/2013 12:00	No.270 Sha Tsui Road Back Lane	No.254-280 Sha Tsui Road
27/3/2013	27/3/2013 13:50	27/3/2013 20:30	No.633 Castle Peak Road	Bayview Garden, Greenview Court, Belvedere Garden Ph 2, Tseun Wan West Sports Centre HK Baptist

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Convention Primary School
28/3/2013	28/3/2013 10:30	28/3/2013 12:00	Near Long Beach Gardens, Castle Peak Road	Long Beach Garden
3/4/2013	3/4/2013 17:30	3/4/2013 19:25	No.47-51 Shiu Wo street	No.2-8 Chung On Street & 47-51 Shiu Wo Street
4/4/2013	4/4/2013 06:25	4/4/2013 14:00	Kwu Uk Lane	Luk Yeung San Chuen, MTR Depot
6/4/2013	6/4/2013 15:02	6/4/2013 20:00	No.40-50 Sha Tsui Road	No.8-76 Sha Tsui Road Premises
15/4/2013	15/4/2013 13:50	15/4/2013 15:20	No.19-21 Tai Ho Road	No.19-21 Tai Ho Road & No.4-10 Chuen Lung Street
16/4/2013	16/4/2013 13:45	16/4/2013 14:45	No.46 Fu Yiu Kok Street Back Lane	No.40-58 Fu Yiu Kok Street & No.55-71 Wang Lung Street
18/4/2013	18/4/2013 09:23	18/4/2013 17:11	Near No.54-68 Hau Tei square Back Lane	No.207,209,211 Sha Tsui Road, No.91,93,95,97 99 Tai Ho Road, No.24-30 32-36 38 40-46 48-52 54-68 69-77 70-72 80-84 Hau Tei Square
23/4/2013	23/4/2013 19:30	24/4/2013 04:30	Yeung Uk Road near Lamp Post DC 1786	Tsuen Wan Centre South, North Kwai Chung
22/4/2013	23/4/2013 22:00	24/4/2013 06:30	99 Yeung Uk Road near	Tsuen Wan & Kwai Chung
24/4/2013	24/4/2013 15:00	24/4/2013 20:00	Near No. 204-210 Texaco Road	No.188-202 Texaco Road and No.11 Lung Tak Street
26/4/2013	26/4/2013 18:40	27/4/2013 03:00	No.22 Kwan Mun Hau Street	No.22-24 Kwan Mun Hau Street Yau Chai Hospital The Hong Kong Jockey Club PolyClinic
2/5/2013	2/5/2013 15:50	2/5/2013 20:30	No.23 Sam Tung Uk Tsuen Back Lane	No.19-72 Sam Tung Uk
8/5/2013	8/5/2013 17:30	9/5/2013 00:00	Near No. 5-9 Chai Wan Kok Street	No. 10-18 & 22-32 Pun Shan Street, Chai Wan Kok Street
13/5/2013	13/5/2013 20:00	13/5/2013 23:00	Near No. 45 Shiu Wo Street	No. 2-8 Chung On Street
21/5/2013	21/5/2013 12:15	21/5/2013 17:40	Near No.204-210 Texaco Road	Tsuen Wan Driving Test Centre
23/5/2013	23/5/2013	23/5/2013	No.5 Tai Pa Street	Yen Wai Garden, Fu

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	09:00	14:00		Yung House, Win Shing House
28/5/2013	28/5/2013 09:57	28/5/2013 14:00	No.207 Sha Tsui Road	No.207-211 Sha Tsui Road, No.24-84 Hall Tei Square, No.77-99 Tai Ho Road.
28/5/2013	28/5/2013 14:30	28/5/2013 19:00	Near No.14 Wang Lung Street	No.14-30, Wang Lung Street
8/6/2013	8/6/2013 11:00	9/6/2013 01:15	Near No.150-164 Texaco Road Back Lane	Ma Kok Street and Tsuen Yip Street
10/6/2013	10/6/2013 17:30	11/6/2013 09:00	No.14 Hoi Pa Village North-East Terrace Footopath	No.9 Hoi Pa Village North-East Terrace
11/6/2013	11/6/2013 09:50	11/6/2013 20:30	Near Lamp Post W1979 Sai Lau Kok Road	HKEAA, Tsuen Wan Assessment Centre
17/6/2013	17/6/2013 20:00	18/6/2013 05:00	Near No. 381-389 Sha Tsui Road	No.271-407 Sha Tsui Road, Ham Tin Street, Kwan Mun Hau Street, Tak Hoi Street and No.110-202 Texaco Road
20/6/2013	20/6/2013 11:05	20/6/2013 14:10	Near No.72 Ho Pui Street Back Lane	No.70-84 Ho Pui Street and No.85-99 Yeung Uk Road
20/6/2013	20/6/2013 11:45	20/6/2013 18:45	Junction of Tsuen Wan Market Street and Chung On Street	2-66 Chung On Street, 47-51 Shu Wo Street 87-95 Market Street
21/6/2013	21/6/2013 15:00	21/6/2013 16:20	Near No.58 Tak Wah Street Back Lane	No.297-355 Sha Tsui Road, No.2-70 Tak Wah Street & No.72-78 Kwan Mun Hau Street
24/6/2013	24/6/2013 15:45	24/6/2013 16:55	Near No.2 Hoi Pa Resite Village Back Lane	No.2-31 Hoi Pa Resite Village
30/6/2013	30/6/2013 10:30	30/6/2013 21:00	Tsuen Kam Interchange Carriagway near Lamp Post BC0147	Fairview Garden, Luk Yeung San Chuen, Ma Sim Pai Road, Fu Yung Shan Road
4/7/2013	4/7/2013 10:10	4/7/2013 14:00	No.93 Kwan Mun Hau Tsuen Back Lane	No.91-100 Kwan Mun Hau Tsuen
5/7/2013	5/7/2013 18:25	5/7/2013 21:00	No.50 Ham Tin Street Carriagway	Ham Tin Street, Tak Wah Street, Kwan Mun Hau Street, Sha Tsui Road & City Landmark I
17/7/2013	17/7/2013	17/7/2013	No.19 Chung Kwai	No.7-58 Chung Kwai

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	15:30	16:45	Chung Tsuen	Chung Tsuen
20/7/2013	20/7/2013 13:00	20/7/2013 17:00	No.22-32 Pun Shan Street Tsuen Wan	Tom Lee Godown, No.22-32 Pun Shan Street
6/8/2013	6/8/2013 03:40	6/8/2013 16:30	Near Lamp Post FA5869 Shek Wai Kok Road	Shek Wai Kok Estate
10/8/2013	10/8/2013 14:00	10/8/2013 19:00	No.200 Tsuen King Circuit	No.200 Tsuen King Circuit
10/8/2013	10/8/2013 19:15	11/8/2013 01:45	Near Lamp Post FA 6026, Sam Tung Village, Tsuen Wan	Chuen Yiu Terrace, Yi Pei Chun Hoi Pa Village, Sam Tung Uk Village, Wing Wah Terrace
25/8/2013	25/8/2013 18:01	25/8/2013 19:00	Back Lane of No.34 Chung Kwan Chung Tsuen	No.7-58 Chung Kwai Chung Tsuen
29/8/2013	29/8/2013 09:07	29/8/2013 19:00	Near Wing Lung House, Hoi Pa Street	Lo Tak Court, Hoi Pa Street, Sha Tsui Road
29/8/2013	29/8/2013 11:00	29/8/2013 17:10	Near No.1 Pak Tin Pa Tsuen	No.1-4,10-13 Pak Tin Pa Tsuen, Tsuen Wan
3/9/2013	3/9/2013 15:30	4/9/2013 01:40	Near No.38-46, Tsuen Wah Street	Tsuen Fu Steet, Tsuen Wing Street, Tsuen Kwai Street , Tsuen Wah Street
6/9/2013	6/9/2013 09:45	6/9/2013 16:40	Kun Ming Street, Lo Tak Court	No.303-313,Castle Peak Road
9/9/2013	9/9/2013 17:00	9/9/2013 22:00	No.289 Sha Tsui Road , Back Lane	No.271-289 Sha Tsui Road, No.45-50 Han Tin Street, No.9-17 Sze Pei Square
11/9/2013	11/9/2013 20:10	11/9/2013 22:00	Back Lane No.142, Tsuen Wan Market Street	No.120-166, Tsuen Wan Market Street
12/9/2013	12/9/2013 14:15	12/9/2013 20:45	Back Lane of No.28-30, Tak Wah Street	No.325-331, Sha Tsui Road
18/9/2013	18/9/2013 19:15	18/9/2013 21:00	Near Tsuen Wan Plaza, Hoi Shing Road	Tsuen Wan Plaza, Hoi Shing Road
24/9/2013	24/9/2013 09:40	24/9/2013 11:40	Back Lane of No.286. Sha Tsui Road	No.286-296. Sha Tsui Road
25/9/2013	25/9/2013 16:00	26/9/2013 10:00	Near No.3 Tsuen Wah Street	No.3 Tsuen Wah Street
26/9/2013	26/9/2013 23:00	27/9/2013 07:50	Near No.87, Tsuen King Circuit	Tsuen King Graden & Tsuen Wan Centre
28/9/2013	28/9/2013 13:30	28/9/2013 14:30	Back Lane of No.11, Tsuen Lok Street	No.120-166 Tsuen Wan Market Street, 1-17 Tsuen Lok Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
28/9/2013	28/9/2013 16:05	28/9/2013 22:00	No.44-50, Wang Wo Tsai Street	No.43-69 Wang Wo Tsai Street ,368-370 Sha Tsui Road
4/10/2013	4/10/2013 10:30	4/10/2013 16:00	No.19 Tai Ho Road	Chau's Building, Tsuen Wan District Junior Police Call Club House,
4/10/2013	4/10/2013 12:30	4/10/2013 20:35	No.40-50, Sha Tsui Road	No.40-50 , Sha Tsui Road
7/10/2013	8/10/2013 10:10	8/10/2013 11:55	No.225 Wo Yi Hop Road, Kwai Chung	Wo Yi Hop Road Substation
10/10/2013	10/10/2013 15:00	10/10/2013 16:35	No.83-93. Chai Wan Kok Street	No.83-93, Chai Wan Kok Street
16/10/2013	16/10/2013 19:00	17/10/2013 20:00	Near Lamp Post FB2843, Kwok Shui Road	No.684-708, Castle Peak Road, Chung Kwai Village, Partk of Kwok Shui Road, Yeung Uk Village , Ho Pui Village, Ham Tin Villge, Hoi Pa Sam Tsuen, Fa Chuen Ping Village,Tai Pak Tsiu Village, Sheung Kwai Chung Village
19/10/2013	19/10/2013 14:20	19/10/2013 17:30	Back Lane of No.136 Ho Pa Street	No.134-136 Ho Pa Street
23/10/2013	23/10/2013 10:30	23/10/2013 18:00	No. 57 Sha Tsui Road Tsuen Wan	No.1-57,2-79 Sha Tsui Rd No.1-53,2-44 Pak Tin Par Street
23/10/2013	23/10/2013 18:05	24/10/2013 04:30	Near No.503 Castle Peak Road	Pak Tin Par Street, 503-515 Castle Peak Road, Tai Chung Road
23/10/2013	23/10/2013 20:30	24/10/2013 15:00	No.38 Tai Chung Road	No.1-57,2-76 Sha Tsui Road No.1-53,2-44 Pak Tin Par Street
24/10/2013	24/10/2013 15:30	25/10/2013 09:30	Tai Ho Rd, Near Nina Towerr,	Tai Ho Road Bus Terminus
24/10/2013	24/10/2013 17:00	24/10/2013 19:30	Back Lane of No. 127-135 Yeung Uk Road	No.127-143 Yeung Uk Road No.2-14 Kwu Hang Road
27/10/2013	27/10/2013 15:35	28/10/2013 09:00	Back Lane of No.127-135 Yeung Uk Road	No.127-135 Yeung Uk Road
29/10/2013	29/10/2013	29/10/2013	Lamp Post FB5106	Tsuen King Circuit Sports

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	21:30	22:30	Chiu Tam Path	Centre
31/10/2013	31/10/2013 10:10	31/10/2013 16:30	Near Lamp Post FB2843, Kwok Shui Road	No.698-704, Castle Peak Road
1/11/2013	1/11/2013 11:30	2/11/2013 09:00	Near Chai Wai Kok Cooked Food Centre	Chai Wan Kok Public Toilet
8/11/2013	8/11/2013 09:30	8/11/2013 15:40	No.60-64, Ham Tin Street	No.298 Sha Tsui Roadd, No.60-64 Ham Tin Street
10/11/2013	10/11/2013 11:00	10/11/2013 14:00	No.40-47, Pak Par Street	No.36-61 Tin Par Street No.2-28 Tai Chung Road No.459-469 Castle Road
12/11/2013	12/11/2013 11:00	12/11/2013 16:15	No.9-23 Heung Wo Street	No.112-189, Sha Tsui Road, No.9-69 Heung Wo Street
14/11/2013	14/11/2013 12:40	14/11/2013 17:00	Near No.72 Hoi Pa Resite Village	Sam Tung Uk Village, Hoi Pa Resite Village
14/11/2013	14/11/2013 15:30	14/11/2013 19:10	Back Lane of No. 133-135 Chuen Lung Street	No.133-135 Chuen Lung Street, No.56-60 Ho Pui Street, No.112-114 Chung On Street, No.77-79 Yeung Uk Road
15/11/2013	15/11/2013 13:52	15/11/2013 19:15	Back Lane of No.115 Hoi Pa Street	No.103-117 Hoi Pa Street, No.22-30 Chung On Street, No.4-22 Market Street, No.45-55 Tai Ho Road
18/11/2013	19/11/2013 04:00	19/11/2013 20:00	Wai Tsuen Rd. Near Block B, Luk Yeung Sun Chuen	Fu Yung Shan Road, Ma Siu Par Road, Wai Tsuen Road, Luk Yeung Sun Chuen
21/11/2013	21/11/2013 13:50	21/11/2013 14:45	Back Lane of No.19 Tso Kung Square	No.1-37 Tso Kung Square No.105-139 Sha Tsui Road
22/11/2013	22/11/2013 03:00	22/11/2013 10:30	No.74 Hau Tei Square	No.74 Hau Tei Square
26/11/2013	26/11/2013 09:30	26/11/2013 22:35	No.106-114, Kwok Shui Road	No.88-130,Kwok Shui Road
28/11/2013	29/11/2013 09:40	29/11/2013 12:30	No.221 Wo Yi Hop Road, Kwai Chung	No.221 Wo Yi Hop Road
6/12/2013	6/12/2013 13:30	7/12/2013 09:00	No.145-149, Kwok Shui Road	No.55-149, Kwok Shui Road
8/12/2013	8/12/2013 11:30	8/12/2013 18:30	No.75 Chai Wan Kok Street	2-95. Chai Wan Kok Street
11/12/2013	11/12/2013	12/12/2013	Near Lamp Post	Yan Chai Hospital Hong

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	17:00	00:30	AC1246 Kwan Mun Hau Street	Kong Jockey Club Polyclinic, Yan Chai Multi-Services Complex, Tsuen Wan Catholic Primary School
18/12/2013	18/12/2013 14:00	19/12/2013 09:00	Back Lane of No.68 Ho Pui Street	Mary of Providence Primary School
19/12/2013	19/12/2013 07:30	19/12/2013 15:00	Near No.18 Ma Kok Street	Pbe Building, 18 Ma Kok Street
21/12/2013	21/12/2013 21:00	22/12/2013 04:15	Back Lane of No. 37-41 Tak Wah Street	No.37-41 Tak Wah Street
22/12/2013	22/12/2013 09:10	22/12/2013 16:30	Near No.9-10 Pak Tin Pa Tsuen	No.1-4,10-13 Pak Tin Pa Tsuen
24/12/2013	24/12/2013 09:20	24/12/2013 19:00	Lamp Post FB5076, Mei Wan Street	Tsuen King Circuit Sports Centre
2/1/2014	2/1/2014 12:05	2/1/2014 18:00	Back Lane of No.188, Texaco Road	No.188-202 Texaco Road
4/1/2014	4/1/2014 16:52	4/1/2014 21:30	Back Lane of No.932 Kwan Mun Hau Tsuen	No.927-932,111-116,105-110,14-37 Kwan Mun Hau Tsuen
5/1/2014	5/1/2014 08:37	5/1/2014 15:00	Near No.18-20 Pun Shan Street	No.10-20 Pun Shan Street
6/1/2014	6/1/2014 12:50	7/1/2014 02:30	59-71, Wang Lung Street	Wang Lung Street and Ma Kok Street
11/1/2014	11/1/2014 11:25	11/1/2014 17:30	Back Lane of No. 75 Ham Tin Street	No. 61-75 Ham Tin Street
17/1/2014	17/1/2014 06:50	17/1/2014 16:35	No.3-7 Kin Ming Street	No.303-313, Castle Peak Road
17/1/2014	17/1/2014 15:20	17/1/2014 18:45	Besides of Nina Tower	Nina Tower, Tai Hoi Road
20/1/2014	20/1/2014 09:31	20/1/2014 16:30	Near Fire Hydrant 3104, Hoi Kwai Road	Hoi Kwai Rd, Refuse Cellection Point
24/1/2014	24/1/2014 18:02	25/1/2014 01:00	Near No.6-28, Chai Wan Kok Street	Chai Wan Kok Street Public Toilet
26/1/2014	26/1/2014 15:30	27/1/2014 09:00	Back Lane of No.319 Sha Tsui Road	No.315-323 Sha Tsui Road
4/2/2014	4/2/2014 15:15	5/2/2014 09:00	Back Lane of No. 57 Hoi Pa Sau Tsuen	30-58 Hoi Pa Sau Tsuen
4/2/2014	4/2/2014 17:10	5/2/2014 09:00	Back Lane of No.39 Hoi Pa Sau Tsuen	No.39 Hoi Pa Sau Tsuen
7/2/2014	7/2/2014 10:30	7/2/2014 15:00	No.23 Mei Wan Street	No.23-27, Mei Wan Street
7/2/2014	8/2/2014	8/2/2014	Near CLP substation,	1 Mei Wan Street, CLP

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	00:30	02:00	Mei Wan Street	substation, 1-17 Sai Lau Kok Road, Tsuen Kam Centre, Tsuen Wan Government Office Library
17/2/2014	17/2/2014 12:15	18/2/2014 14:30	Near Lamp Post FC3732 Tsuen Yip Street	No.188-202 Texaco Road
20/2/2014	20/2/2014 18:00	21/2/2014 02:00	Back Lane of No. 168 Sha Tsui Road	No.112-188 Sha Tsui Road, No. 9-63 Heung Wo Street
20/2/2014	20/2/2014 18:50	21/2/2014 09:00	No. 71 Yuen Tun Circuit	No.112-188 Sha Tsui Road and No.9-63 Heung Wo Street and Magistrates Courts
21/2/2014	21/2/2014 13:00	21/2/2014 15:35	Back Lane of No. 44 Chung Kwai Chung Tsuen	No.7-58, Chung Kwai Chung Tsuen
23/2/2014	23/2/2014 15:05	24/2/2014 02:00	Near Lamp Post DC 1208 Tsuen Wan Market Street	Part of Tsuen Wan Market Street
25/2/2014	25/2/2014 11:12	25/2/2014 17:12	Back Lane of No.45 Shiu Wo Street	No.2-24 Chung On Street, No.46-51 Shiu Wo Street, No.167-173 Castle Peak Road
25/2/2014	25/2/2014 13:40	25/2/2014 15:00	Near Lamp Post FC3734, Tsuen Yip Street	No.2-18 Ma Kok St, No.68-84 Wang Lung Street
27/2/2014	27/2/2014 09:52	27/2/2014 15:00	Back Lane of No. 2-8 Yi Pei Square	NO.93-123 Chuen Lung Street, No.2-32 Yi Pei Square, No.254-260 Sha Tsui Road
4/3/2014	4/3/2014 15:30	4/3/2014 16:30	Back Lane of No.18 Chung On Street	167-173, Castle Peak Rd, 2-24, Chung On St. 47-51, Shui Wo St.
6/3/2014	6/3/2014 18:05	6/3/2014 20:45	Near Lamp Post FA4700 Texaco Road	No. 229-231 Texaco Road
14/3/2014	14/3/2014 20:30	14/3/2014 22:50	Back Lane of No. 8 Tso Kung Street	No.2-32 Hoi Pa St, No.2-36 Tso Kung Street
17/3/2014	17/3/2014 21:45	18/3/2014 09:00	No.5-9 Chai Wan Kok Street	No. 5-15 Chai Wan Kok Street
18/3/2014	18/3/2014 14:00	19/3/2014 03:30	Near Lamp Post W1851, Chiu Tam Path	No.374-380 Castle Peak Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
19/3/2014	19/3/2014 20:00	20/3/2014 02:30	Near Tso Kung Tam Nursery, Chiu Tam Path	No.374-380 Castle Peak Road
24/3/2014	24/3/2014 23:00	25/3/2014 00:30	No.5-15, Chai Wan Kok Street	No.11-15, Chai Wan Kok Street
25/3/2014	25/3/2014 10:30	26/3/2014 09:30	No.5-9 Chai Wan Kok Street	No.5-15 Chai Wan Kok Street
2/4/2014	2/4/2014 16:45	3/4/2014 09:00	Near No. 38 Sai Lau Kok Road	Tsuen Kam Centre
3/4/2014	3/4/2014 17:30	3/4/2014 23:00	Near Lamp Post FB3147 Texaco Road	Part of Texaco Road
8/4/2014	8/4/2014 15:40	9/4/2014 10:30	Near Lamp Post W4441 Kwan Mun Hau Tsuen	Part of Kwan Mun Hau Tsuen
9/4/2014	9/4/2014 20:30	9/4/2014 23:45	Back Lane of No. 24 Shiu Wo Street	12-40, Shui Wo Street, 27-59 Tsuen Wan Market Street, 1-23 Chung On Street, 3-25 Chun Lung Street,181-227, Castle Park Road
20/4/2014	20/4/2014 04:45	20/4/2014 12:30	Near Lamp Post DC 0565 Kin Ming Street	No. 313-303 Castle Peak Road -Tsuen Wan
22/4/2014	22/4/2014 13:50	23/4/2014 09:00	Near No.70 Hoi Pa Street	One School
27/4/2014	27/4/2014 09:50	27/4/2014 15:30	Near Lamp Post W0463 Yau Ma Hom Road	No.19-25 Fu Uk Road
5/5/2014	5/5/2014 13:10	5/5/2014 16:20	Near No.55 Kwan Mun Hau Tsuen	No.39-60 Kwan Mun Hau Tsuen
16/5/2014	16/5/2014 15:30	16/5/2014 20:00	Near Lamp Post W0475 Kwok Shui Road	Part of Kwok Shui Road
17/5/2014	17/5/2014 19:20	18/5/2014 03:00	Near Kwok Shui Road Park Kwok Shui Road	Part of Kwok Shui Road
19/5/2014	19/5/2014 14:40	20/5/2014 06:45	Near Lamp Post W0535, Kwok Shui Road	PCCW Building
22/5/2014	22/5/2014 15:15	22/5/2014 17:30	B/L of No. 125 Castle Peak Road	No. 115-143 Castle Peak Road
23/5/2014	23/5/2014 10:30	23/5/2014 17:00	Near Ka Pok Mansion, No.115-119 Building Market Street	No.115-119Market Street
29/5/2014	29/5/2014 10:20	29/5/2014 17:00	Near No.115 Tsuen Wan Market Street	No.115-143Tsuen Wan Market Street
10/6/2014	10/6/2014 12:00	10/6/2014 16:17	No.15, Sze Pei Square	No.4-17 Sze Pei Square, No.221-289 Sha Tsui Road and No.44-50 Ham Tin Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
10/6/2014	10/6/2014 20:00	11/6/2014 04:00	No.184-186 Texaco Road	Tsuen Wan Garden , Jade Court, No.168-186 Texco Road , Cheong Kwai Court
10/6/2014	10/6/2014 20:30	11/6/2014 04:30	No.126-140 Texaco Road	No.67-147 Texaco Road.
13/6/2014	13/6/2014 06:30	13/6/2014 21:30	Tai Ho Rd, Near Yeung Uk Road	Vision City, No. 1 Yeung Uk Road
16/6/2014	16/6/2014 22:40	17/6/2014 02:15	Near Tsuen Wan Plaza Yuen Tun Circuit	Yuen Tun Circuit Heung Wo Street, Hoi Shing Road
17/6/2014	17/6/2014 06:35	17/6/2014 13:30	Near Lamp Post CC0999 Tsuen King Circuit	Tsuen King Garden Block 8 &10
21/6/2014	21/6/2014 21:00	22/6/2014 02:30	No. 34-45 Chai Wan Kok Street	No.2-90 Chai Wan Kok Street,
24/6/2014	24/6/2014 20:52	25/6/2014 00:15	Beside No.71 Yuen Tun Circuit	112-180Sha Tsui Road, 5-69Heung Wo Street
26/6/2014	26/6/2014 19:00	26/6/2014 22:00	Near Fui Yiu Kok Street,Wang Lung Street	Fui Yiu Kok Street and Wang Lung Street
2/7/2014	2/7/2014 23:00	3/7/2014 03:30	Near Lamp Post FC0408 Hoi Kok Street	Belvedere Garden Phase I.II.III. Greenview Court , Greenview Terrace, The Westminster Terrace, Long Beach Garden
9/7/2014	9/7/2014 14:45	9/7/2014 20:50	Near Lamp Post W0065, Tsuen King Circuit	Tsuen King Garden, Tsuen Wan Police Station, Way Lee Industrial Center
10/7/2014	10/7/2014 04:00	10/7/2014 15:00	Near Lamp Post DC 1207 Tsuen Wan Market Street	Part of Tsuen Wan Market Street
10/7/2014	10/7/2014 14:00	10/7/2014 16:30	Near No.2 Ho Pa Resite Village	No. 2-9, Hoi Pa Resite Village
11/7/2014	11/7/2014 09:35	11/7/2014 16:30	Near No. 321, Wo Yi Hop Road	No.273-327, Wo Yi Hop Road
15/7/2014	15/7/2014 14:50	15/7/2014 15:50	Near No.83, Chai Wa Kok Street	No. 85-89 , Chai Wan Kok Street
17/7/2014	18/7/2014 00:30	18/7/2014 04:00	Near Lamp Post W0064 Tsuen King Circuit	Tsuen King Circuit
23/7/2014	23/7/2014 13:00	24/7/2014 01:30	Near Fire Hydrant 3760, Phase I, Belvedere Garden Tsuen Wan	1.Phase I,II,III, Belvedere Garden 2.Serenade Cove

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				3.Greenview Court 4.Bayview Garden 5.Golden View 6.Greenview Terrace
31/7/2014	31/7/2014 18:40	31/7/2014 22:00	Near Lamp Post AC1986 Tsuen Wan Market Street	No.115-129 Market Street
2/8/2014	2/8/2014 18:30	2/8/2014 22:30	Near Lamp Post FC0474, Texaco Road	Tsuen Wan Driving Test Centre
6/8/2014	6/8/2014 07:30	6/8/2014 20:00	Near No.118 Chuen Lung Street	Chuen Lung Street, Ho Pui Street, San Tsuen Street, Sha Tsui Road and Wo Tik Street
8/8/2014	8/8/2014 18:00	8/8/2014 21:45	Near No.271 Sha Tsui Road	No.74-90 Chung On Street
8/8/2014	8/8/2014 23:00	9/8/2014 01:08	Near Lamp Post DC1784 Yeung Uk Road	Vision City
9/8/2014	9/8/2014 22:00	10/8/2014 01:50	No.95 Kwan Mun Hau Tsuen Back Lane	Kwan Mun Hau Tsuen
15/8/2014	15/8/2014 23:15	16/8/2014 01:30	Near No.45 Chuen Lung Street	No.43-135 Chuen Lung Street, No. 33-66 Ho Pui Street No.230-252 Sha Tsui Road, and No.45-79 Yeung Uk Road
19/8/2014	19/8/2014 14:05	19/8/2014 19:00	Near Lamp Post FC2620, Castle Peak Road	The Panorama
26/8/2014	26/8/2014 13:40	27/8/2014 09:00	Near Lamp Post AC1260, Tsuen Kwai Street	Wealthy Garden
27/8/2014	27/8/2014 17:55	28/8/2014 09:00	No.115 Tsuen Wan Market Street	No.115-119 Tsuen Wan Market Street and No.99-121 Castle Peak Road
27/8/2014	27/8/2014 22:00	28/8/2014 02:00	Near Lamp Post W2105 Tsuen King Circuit Tsuen Wan	Tsuen King Circuit
30/8/2014	30/8/2014 05:51	30/8/2014 21:50	No.381-389 Sha Tsui Road	No.381-389 Sha Tsui Road
30/8/2014	30/8/2014 22:00	31/8/2014 00:20	No.24-32, Pak Tin Par Street	Pak Tin Par Street
3/9/2014	3/9/2014	3/9/2014	Near Lamp Post	No.1-27 Tsuen Kwai

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	11:31	21:45	DC0162, Kwan Mun Hau Street	Street, and No.12-26 Tsuen Fu Street
8/9/2014	8/9/2014 09:55	9/9/2014 09:00	Near No.51 Lo Tak Court	Cheong Wah Building
10/9/2014	11/9/2014 01:00	11/9/2014 10:30	Texaco Road O/S No.142-148	No.1-100 Texaco Road
10/9/2014	11/9/2014 03:00	11/9/2014 11:00	Near Lamp Post AC3291 Sha Tsui Road	Part of Sha Tsui Road and Kwan Mun Hau Street Texaco Road
11/9/2014	11/9/2014 18:40	11/9/2014 19:50	Back Lane of No.32 Hoi Pa Street	No.2-32 , Hoi Pa Street and No.2-36 Tso Kung Square
15/9/2014	15/9/2014 14:30	15/9/2014 17:30	Back Lane of No.48 Tak Wah Street	No.40-60 Tak Wah Street,No.337-355 Sha Tsui Road
18/9/2014	18/9/2014 17:50	19/9/2014 09:00	Near No.297 Wo Yi Hop Road	No.273-336 Wo Yi Hop Road
19/9/2014	19/9/2014 05:30	19/9/2014 15:30	Near No.67-95, Tsuen Wan Market Street	No.117-143 Castle Peak Road, No.2-24 Chung On Street,No.67-95 Tsuen Wan Market Street,Yan Chai Hospital 47-51 Shin Wo Street
19/9/2014	19/9/2014 14:35	19/9/2014 20:30	Near No.50 Wang Wo Tsai Street	No.2-50 Wang Wo Tsai Street, No.127-181Yeung Uk Road
22/9/2014	22/9/2014 16:30	23/9/2014 06:30	Near Lamp Post W4127 Hoi Shing Road	Hoi Shing Road, Chai Wan Kok Street, Yuen Tun Circuit
22/9/2014	22/9/2014 21:00	23/9/2014 08:30	Near Lamp Post FC0536 Tsuen Wan Road	Part of Tsuen Wan Area
24/9/2014	24/9/2014 22:00	25/9/2014 15:35	Near Chelsea Court, Ma Tau Pa Road	Chelsea Court
26/9/2014	26/9/2014 09:25	26/9/2014 11:39	Near No.115-119 Tsuen Wan Market Street	No.99-133 Tsuen Wan Market Street
26/9/2014	26/9/2014 20:00	27/9/2014 02:49	Near Tsuen Wan Salt Water Pumping Station	Part of Tsuen Wan
4/10/2014	4/10/2014 23:00	5/10/2014 01:30	No.54 Hoi Pa Resite Village	54-57 Hoi Pa Resite Village
10/10/2014	10/10/2014 13:55	10/10/2014 17:00	Near No.73. Chuen Lung Street	Part of Chuen Lung Stret. Sha Tsui Road. and Chung On Street
12/10/2014	12/10/2014	12/10/2014	Back Lane of No.90	87-90 Sam Tung Uk

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	11:45	20:30	Sam Tung Uk Resite Village	Resite Village
13/10/2014	13/10/2014 15:30	14/10/2014 20:00	Near Lamp Post W0068 Tsuen King Circuit	Tsuen King Garden I & II, Tsuen Wan Centre I & II
14/10/2014	14/10/2014 21:00	15/10/2014 13:30	Near Tsuen Wan Salt Water Pumping Station	Clague Garden Estate
16/10/2014	16/10/2014 12:00	17/10/2014 07:00	Near Lamp Post W4127 Hoi Shing Road	Part of Tsuen Wan Area
16/10/2014	16/10/2014 14:30	16/10/2014 15:45	Near No.36-44 Pak Tin Par Street	Goodwill Industrial Building
23/10/2014	23/10/2014 11:00	23/10/2014 21:30	Near Former Tsuen Wan Lutheran School, Cheung Shan Estate	Former Tsuen Wan Lutheran School
24/10/2014	24/10/2014 13:30	24/10/2014 16:30	No.3-5 Tsuen Hing Path, Lo Tak Circuit	Lo Tak Circuit.
22/10/2014	24/10/2014 17:00	25/10/2014 10:00	Near Lamp Post CC0412 Kwok Shui Road	Part of Kwok Shui Road
30/10/2014	30/10/2014 19:40	31/10/2014 03:45	Near Lamp Post AC1246 Kwan Mun Hau Street	Yan Chai Hospital The Hong Kong Jockey Club Polyclinic New Haven
31/10/2014	31/10/2014 14:00	31/10/2014 15:20	Near No.1 Ho Pui Tsuen	No.1-48 Ho Pui Tsuen
31/10/2014	31/10/2014 19:00	31/10/2014 20:30	Back Lane of No.23 Sha Tsui Road	No.23 Sha Tsui Road
1/11/2014	1/11/2014 12:00	1/11/2014 16:10	No.72 Hoi Pa San Tsuen	No.59-81 Hoi Pa San Tsuen
5/11/2014	5/11/2014 14:00	5/11/2014 15:10	Near No.114 Kwan Mun Hau Tsuen	No.85 Kwan Mun Hau Tsuen
5/11/2014	5/11/2014 22:30	6/11/2014 01:00	Near Lamp Post FC 3727 Lung Tak Street	Part of Lung Tak Street
9/11/2014	9/11/2014 22:40	10/11/2014 10:00	Near No.35 Chai Wan Kok Street	Part of Chai Wan Kok Street
10/11/2014	10/11/2014 17:00	10/11/2014 21:45	Near Lamp Post DC 1769 Tai Ho Road	Part of Tai Ho Road
12/11/2014	12/11/2014 10:00	12/11/2014 17:00	Near Lam Post No. FA5945 Sam Tung Uk Road	Part of Sam Tung Uk Tsuen
15/11/2014	15/11/2014 10:00	15/11/2014 15:30	Near Lamp Post AC3347 Hoi Kok Street.	Refuse Storage, Hoi Hing Road
19/11/2014	19/11/2014 13:15	19/11/2014 14:30	Near Lamp Post FB2852 Ting Fung	Part of Yeung Uk Tsuen & Hoi Pa San Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
			Street	
21/11/2014	21/11/2014 13:20	21/11/2014 15:00	Near No.59 Hoi Pa San Tsuen	Hoi Pa San Tsuen. Ham Tin Tsuen
21/11/2014	21/11/2014 20:45	22/11/2014 04:15	Near Lam Post No. FC0258 Hau Tei Square	Part of Hau Tei Square
28/11/2014	28/11/2014 10:00	29/11/2014 10:00	No.2-4 Chai Wan Kok Street	Chai Wan Kok Public Toilet.
1/12/2014	1/12/2014 15:00	2/12/2014 09:00	Back Lane of No.144 Sha Tsui Road	No.112-188 Sha Tsui Road & No.9-73 Heung Wo Street
2/12/2014	2/12/2014 10:35	2/12/2014 16:30	Near No.44 Pak Tin Par Street	Goodwill Industrtial Building.
3/12/2014	3/12/2014 15:40	4/12/2014 09:00	Back Lane of No.41 Heung Wo Street	No.112-188 Sha Tsui Road & No.9-73 Heung Wo Street
9/12/2014	9/12/2014 05:00	10/12/2014 04:40	Near Lamp Post W1542, Texaco Road North	Shing Mun Valley Swimming Pool, Shek Wai Kok Estate
10/12/2014	10/12/2014 10:15	10/12/2014 12:00	No.62 Hau Tei Square	Part of Hau Tei Square
15/12/2014	15/12/2014 15:00	15/12/2014 21:40	Near Lamp Post AC5666 Wang Wo Tsai Street	Wang Wo Tsai Street, Wong's Factory Building, Bonsun Industrial Building
18/12/2014	18/12/2014 09:45	18/12/2014 11:00	Near No.57 Chung Kwai Chung Tsuen	No. 7-12, 19-24, 31-36, 53-58 Chung Kwai Chung Tsuen
19/12/2014	19/12/2014 16:10	20/12/2014 09:30	Near No. 68 Hau Tei Square	No. 24-72 Hau Tei Square
22/12/2014	22/12/2014 15:05	22/12/2014 15:50	Near No.61 Ho Pui Tsuen. Ting Fung Street	No.47-73 Ho Pui Tsuen
29/12/2014	29/12/2014 14:10	29/12/2014 17:00	No. 88 Kwok Shui Road	Part of Kwok Shui Road
30/12/2014	30/12/2014 14:30	31/12/2014 09:31	Near Lamp Post FA6369 Kwok Shui Road	No. 88 Kwok Shui Road
2/1/2015	2/1/2015 16:10	3/1/2015 09:45	Near Lamp Post DC0164 Kwan Mun Hau Street	Yan Chai Hospital The Hong Kong Jockey Club Polyclinic, New Haven
6/1/2015	6/1/2015 06:15	6/1/2015 16:20	Near Lamp Post AC0820 On Yin Street	Part of Tsuen King Circuit
9/1/2015	9/1/2015 09:40	9/1/2015 12:05	Near No. 70 Tak Wah Street	No. 40-70 Tak Wah Street, No. 337-355 Sha Tsui Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
14/1/2015	14/1/2015 14:20	15/1/2015 09:00	Near Lamp Post FB9305Sai Lau Kok Road	No. 1 Sai Lau Kok Road
18/1/2015	18/1/2015 15:30	19/1/2015 03:00	Near Lamp Post FC3727 Lung Tak Street	Lung Tak Street
21/1/2015	21/1/2015 09:45	21/1/2015 10:30	Near No. 273 Wo Yi Hop Road	No.273-335 Wo Yi Hop Road, No.1-17 Lei Shu Road
29/1/2015	29/1/2015 11:02	29/1/2015 17:30	Near No. 144 Hoi Pa Street	No. 142-146 Hoi Pa Street
31/1/2015	31/1/2015 15:05	1/2/2015 01:30	Near Lamp Post DC1769 Tai Ho Road	Bus Terminus
1/2/2015	1/2/2015 16:50	1/2/2015 21:15	Near Fire Hydrant 83 Chai Wan Kok Street	Chai Wan Kok Street Public Toilet
3/2/2015	3/2/2015 23:24	4/2/2015 08:30	Near No. 566 Castle Peak Road	Mita Centre
7/2/2015	7/2/2015 11:30	7/2/2015 15:00	Near No. 31 Ma Tau Pa Road	No. 19-31 Ma Tau Pa Road
14/2/2015	14/2/2015 06:00	14/2/2015 16:30	Cheung Shan Estate East Road	Lo Wai, Sham Tung Uk Tsuen, Hoi Pa Resite Village, Cheung Shan Estate, Ho Fung College, and Li Ping Secondary School
16/2/2015	16/2/2015 13:10	17/2/2015 01:30	Near Lamp Post W0047 Cheung Shan Estate Road East	Part of Cheung Shan Estate, Sam Tung Uk Resite Village, Yi Pei Chun Road, Lo Wai
17/2/2015	17/2/2015 09:15	17/2/2015 18:45	No. 26-38 Sha Tsui Road	Part of Sha Tsui Road
18/2/2015	24/2/2015 10:30	24/2/2015 17:35	Near Lamp Post 3281 Wing Shun Street	Waterside Plaza, Shek Chung Shan Memorial College Primary School
26/2/2015	26/2/2015 14:35	26/2/2015 15:45	Near No. 16 Hoi Pa Village South Terrace	No. 16 Hoi Pa Village South Terrace
5/3/2015	5/3/2015 14:00	5/3/2015 22:30	Near Lamp Post AC0659 Tsuen King Circuit	Tsuen King Circuit
6/3/2015	6/3/2015 09:55	6/3/2015 15:45	Near No. 66-82 Chai Wan Kok Street	No. 66-82 Chai Wan Kok Street, Tsuen Wan
9/3/2015	9/3/2015	10/3/2015	No. 13 Lei Shu Road	No. 7-17 Lei Shu Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	18:20	00:10		
10/3/2015	10/3/2015 07:20	10/3/2015 14:30	No. 26-38 Sha Tsui Road	No. 2-76 Sha Tsui Road, 8-38 Tai Chung Road, 1-32 Pun Shan Road, 6-61 Pak Tin Par Street
13/3/2015	13/3/2015 12:30	13/3/2015 21:00	Near Lamp Post W0068 Tsuen King Circuit	No. 374-380 Castle Peak Road
13/3/2015	13/3/2015 14:15	13/3/2015 23:05	Near No. 32 Pun Shan Street	No. 1-32 Pun Shan Street
16/3/2015	16/3/2015 17:30	17/3/2015 00:30	Near Lamp Post W1860 Tsuen King Circuit	No. 374-380 Castle Peak Road
20/3/2015	20/3/2015 21:20	21/3/2015 03:00	Near No. 115 Hoi Pa Street	No. 103-117 Hoi Pa Street, No. 22-30 Chuen Lung Street, No. 4-12 Tsuen Wan Market Street
25/3/2015	25/3/2015 14:10	25/3/2015 15:40	Near Lamp Post FB6410 Hoi Pa Village South Terrace	Hoi Pa Village South Terrace
26/3/2015	26/3/2015 10:55	26/3/2015 12:00	Near No. 33 Ho Pui Tsuen	Part of Ho Pui Tsuen
31/3/2015	31/3/2015 11:50	31/3/2015 13:00	Near No. 80 Hoi Pa San Tsuen	Part of Hoi Pa San Tsuen
5/4/2015	5/4/2015 23:35	6/4/2015 03:45	Near No. 37 Chuen Lung Street	No. 120-150 Hoi Pa Street and No. 31-89 Chuen Lung Street
8/4/2015	8/4/2015 16:20	8/4/2015 18:10	Near No. 932 Kwan Mun Hau Tsuen	No. 29-37, 111-16, 105-110, 927-932 Kwan Mun Hau Tsuen
22/4/2015	22/4/2015 16:50	23/4/2015 09:00	Near No. 144 Sha Tsui Road	No. 25-41 Heung Wo Street, No. 132-144 Sha Tsui Road
29/4/2015	29/4/2015 11:30	29/4/2015 16:00	Back of No. 107 Chuen Lung Street	Part of Chuen Lung Street, Hoi Pui Street, Sha Tsui Road & Chung On Street
30/4/2015	30/4/2015 09:00	30/4/2015 15:30	Near Fire Hydrant 3742 Hoi Pui Street	Part of Hoi Pui Street
1/5/2015	1/5/2015 09:30	2/5/2015 09:30	Near No. 18 Pun Shan Street	No. 10-20 Pun Shan Street
2/5/2015	2/5/2015 10:30	2/5/2015 15:30	Back of No. 28 Ho Pui Tsuen Kwok Shui Road	No. 1-5 Ho Pui Tsuen
2/5/2015	2/5/2015 20:15	3/5/2015 00:20	Near No. 115 Tsuen Wan Market Street	No. 115 Tsuen Wan Market Street,

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				No. 117-133 Castle Peak Road
6/5/2015	6/5/2015 09:10	6/5/2015 11:50	No. 52A Sha Tsui Road	No. 12-76 Sha Tsui Road
6/5/2015	6/5/2015 09:30	6/5/2015 15:20	Near No. 19 Heung Shing Street	No. 16-22 Heung Wo Street, No. 19-47 Tai Pa Street
18/5/2015	18/5/2015 15:30	18/5/2015 21:00	Near No. 11 Lung Tak Street	No. 204-248 Texaco Road, and No. 32-56 Wang Lung Street
19/5/2015	19/5/2015 13:50	19/5/2015 23:35	Near No. 38-40 Chai Wan Kok Street	Chai Wan Kok Street
21/5/2015	21/5/2015 08:40	21/5/2015 15:30	Near Lamp Post DC1208 Tsuen Wan Market Street	No.67-129 Tsuen Wan Market Street,Tak Hoi Street,Yan Chai Hospital
21/5/2015	21/5/2015 23:30	22/5/2015 05:00	Near No. 44 Ham Tin Street	City LandMark I
22/5/2015	22/5/2015 11:30	22/5/2015 12:45	Back of No.109 Sam Tung Uk Resite Village	No.109 -116 Sam Tung Uk Resite Village
22/5/2015	22/5/2015 16:30	22/5/2015 17:30	Near No.110 Sam Tung Uk Resite Village	No.109-116 Sam Tung Uk Resite Village
22/5/2015	23/5/2015 00:15	23/5/2015 10:25	Near Lamp Post FC0477 Texaco Road	No.204-220 Texaco Road
27/5/2015	27/5/2015 10:30	27/5/2015 17:15	Near No. 36 Pak Tin Par Street, Tsuen Wan	No. 36-48 Pak Tin Pak Street
1/6/2015	1/6/2015 14:50	2/6/2015 09:00	Near Lamp Post AC1260 Tsuen Kwai Street	Tsuen Kwai Street, Tsuen Wah Street,Tsuen Fu Street,
2/6/2015	2/6/2015 13:30	2/6/2015 21:00	Near Lamp Post W0476 Kwok Shui Road	Safety Godown, Chevlier Cold Storage Building, Sun Fung Centre
4/6/2015	4/6/2015 12:00	7/6/2015 02:00	Near No.168 Kwok Shui Road	Safety Godown, Chevalier Cold Storage Building, Sun Fung Centre, Mita Centre
7/6/2015	7/6/2015 08:30	7/6/2015 15:00	No. 89 Ham Tin Street	No. 69-89 Ham Tin Street & No. 12-28 Luen Yan Street
12/6/2015	12/6/2015 17:15	12/6/2015 22:30	Back of No.15 Lei Shu Road	No. 1-17 Lei Shu Road
14/6/2015	14/6/2015 14:10	14/6/2015 18:00	Back of No.5 Chung Kwai Chung Tsuen	No. 1-6 Chung Kwai Chung Tsuen
15/6/2015	15/6/2015	16/6/2015	Near No. 34 Fui Yui	No. 34 Fui Yui Kok

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	19:30	09:00	Kok Street	Street, Tsuen Wan
19/6/2015	19/6/2015 14:00	19/6/2015 15:00	Near No. 23 Chung On Street	No. 27-39 Tsuen Wan Market Street, No. 12-36 Shiu Wo Street, No. 13-23 Chung On Street
26/6/2015	26/6/2015 12:00	26/6/2015 20:30	Near No. 228 Yau Ma Hom Tsuen	Part of Yau Ma Hom Tsuen
26/6/2015	26/6/2015 14:40	27/6/2015 09:30	Near Lamp Post AC1303 Shiu Wo Street	No. 10-12 Chung On Street, No. 46 Shiu Wo Street
26/6/2015	26/6/2015 15:30	26/6/2015 20:00	Near No. 107 Sha Tsui Road	No. 1-37 Tso Kung Square No. 105-139 Sha Tsui Road
27/6/2015	27/6/2015 13:10	28/6/2015 09:00	Beside of No. 46 Shui Wo Street	No. 46 Shui Wo Street
1/7/2015	1/7/2015 11:10	1/7/2015 15:30	Near No. 32 Hoi Pui Tsuen	No. 32 Hoi Pui Tsuen
8/7/2015	8/7/2015 18:45	8/7/2015 23:45	Near Lamp Post FC3737 Tsuen Yip Street	Ma Kok Street, Texaco Road, Lung Tak Street, Wang Lung Street
14/7/2015	14/7/2015 15:45	14/7/2015 21:30	Near No. 44 Wang Wo Tsai Street	Wang Wo Tsai Street
16/7/2015	16/7/2015 14:50	17/7/2015 04:00	Near Lamp Post FC3727 Lung Tak Street	Lung Tak Street, No. 142-264 & 231 Texaco Road
23/7/2015	23/7/2015 10:05	23/7/2015 11:45	Near No.100 Kwan Mun Hau Tsuen	No.31-60, 81-104 Kwan Mun Hau Tsuen
25/7/2015	26/7/2015 10:35	27/7/2015 09:00	Near No. 36 Hoi Pa Resite Village	No. Hoi Pa Resite Village
3/8/2015	3/8/2015 14:30	3/8/2015 17:00	Back Lane of No. 87 Sam Tung Uk Resite Village	No. 87-124 Sam Tung Uk Resite Village
8/8/2015	8/8/2015 21:54	10/8/2015 09:00	Near Lamp Post AC3619 Lo Wai Road	Chuen Yiu Terrace & Wing Wah Terrace
11/8/2015	11/8/2015 17:30	12/8/2015 14:00	Near Lamp Post W4144 Hoi Shing Road	TML Tower
12/8/2015	12/8/2015 09:10	13/8/2015 09:30	Near No. 188 Yeung Uk Road	No. 188 Yeung Uk Road
13/8/2015	13/8/2015 09:40	13/8/2015 16:44	Near No.70-72 Hau Tei Square	No.89-77 Tai Ho Road No.32-36, No. 72-79 Hau Tei Square, Tsuen Wan

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
16/8/2015	16/8/2015 10:47	16/8/2015 16:45	No. 204-210 Texaco Road	Driving Centre of Texaco Road
20/8/2015	20/8/2015 11:50	21/8/2015 09:00	Near No.251 Wo Yi Hop Road	No.249-255 Wo Yi Hop Road
22/8/2015	23/8/2015 00:05	24/8/2015 16:30	Near Lamp Post W4171 of Hoi Shing Road	No.1-7 Hoi Shing Road, No.5-19 Chai Wan Kok Street
4/9/2015	4/9/2015 21:00	5/9/2015 22:00	Hoi Kok Street Junction of Hoi Hing Road	Public Toilet near Tsuen Wan West Station
11/9/2015	11/9/2015 13:47	11/9/2015 14:14	Near 14-18 Tso Kung Square	Heung Che Street Market, No. 2-30 (even no.) Tso Kung Square, No. 2-32 (even no.) Hoi Pa Street
12/9/2015	12/9/2015 13:24	12/9/2015 20:43	Near Lamp Post W3679 Sai Lau Kok Road	Part of Sai Lau Kok Road, Cheong Lok Mansion, Nam Fung Center
15/9/2015	15/9/2015 22:05	16/9/2015 03:01	Near Lamp Post FA5867 Shek Wai Kok Road	Shek Wai Kok Estate
15/9/2015	15/9/2015 23:45	16/9/2015 09:30	Near Lamp Post W1957, Kwu Uk Lane	Sam Tung Uk Museum, Tsuen Wan MTR Station
16/9/2015	16/9/2015 14:48	16/9/2015 17:15	Near Lam Post No. FB9305 Sai Lau Kok Road	No. 1-17 Sai Lau Kok Road
22/9/2015	22/9/2015 10:35	22/9/2015 15:00	Near No. 220 Yau Ma Hom Resite Village	No. 168, 170, 218-220, 222-225 of Yau Ma Hom Resite Village
23/9/2015	23/9/2015 08:50	24/9/2015 09:30	Near No. 68 Sha Tsui Road	No. 26-76 Sha Tsui Road
23/9/2015	23/9/2015 15:45	24/9/2015 06:00	Near 9 Shing Mun Road	New Territories South Regional Police Headquarters, Si Yuan School, Hk Exam & Assessment Authority & Part of Shing Mun Road
25/9/2015	25/9/2015 13:05	26/9/2015 01:30	Kwok Shui Road Park Near Texaco Road Flyover	2, 6-8 Shing Mun Road, Waldorf Centre, Tai Wo Hau Station, Kwok Shui Road Park, 682-704 Castle Peak Road, Part of Kwok Shui Road
26/9/2015	26/9/2015 14:40	26/9/2015 18:45	Near Lamp Post FC4363 Shiu Wo Street	No. 185-213 Castle Peak Road, No.1-11 Chung On

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Street, No. 23-37 Shiu Wo Street
26/9/2015	27/9/2015 03:00	27/9/2015 10:20	Near Tai Chung Road Sha Tsui Road	No. 1-70 Sha Tsui Road
29/9/2015	29/9/2015 18:00	30/9/2015 10:25	Near No. 66A Sha Tsui Road	No. 8-76 Sha Tsui Road
30/9/2015	30/9/2015 11:05	30/9/2015 12:00	Near No. 224 Yau Ma Hom Resite Village	No. 168, 170, 218-224 Yau Ma Hom Resite Village
3/10/2015	3/10/2015 14:00	3/10/2015 15:35	No. 271 Back Lane of Wo Yi Hop Road	No. 225-271 Wo Yi Hop Road
12/10/2015	12/10/2015 16:35	12/10/2015 20:45	Near No.32 Ho Pui Tsuen	Part of Ho Pui Tsuen, Kwan Mun Hau Tsuen & Yeung Uk San Tsuen
16/10/2015	16/10/2015 09:35	17/10/2015 23:05	Near Fire Hydrant 3104 Tai Ho Road	Refuse Collection Point of Hoi Kwai Road
17/10/2015	17/10/2015 16:00	17/10/2015 20:00	No. 125 Chuen Lung Street	Part of Hoi Pui Street
19/10/2015	19/10/2015 16:00	19/10/2015 21:00	Back Lane of No. 18 Tai Pei Square	No. 31-85 Chuen Lung Street, No.2-24 Tai Pei Square, No. 122 Hoi Pa Street
22/10/2015	22/10/2015 09:33	22/10/2015 16:33	Near No.48A Ho Pui Tsuen	Ho Pui Tsuen, Kwan Mui Hau Tsuen, Ho Pa San Tsuen
22/10/2015	22/10/2015 18:55	23/10/2015 09:11	Near No.95 Chai Wan Kok Street	Chai Wan Kok Street
23/10/2015	23/10/2015 09:55	23/10/2015 14:38	Near 84 Hoi Pa Shan Tsuen	59-87 Hoi Pa Shan Tsuen
23/10/2015	23/10/2015 17:00	23/10/2015 18:30	Near Lamp Post GC 0038, Hoi Pa Street	No.2-32 Hoi Pa Street.No.2-36 Tso Kung Square.
26/10/2015	26/10/2015 11:50	26/10/2015 14:20	Near No.58 Ho Pui Tsuen	Part of Ho Pui Tsuen and Hoi Pa San Tsuen
26/10/2015	27/10/2015 11:00	27/10/2015 12:20	Near No.37 Tak Wah Street	Tsuen Wan Catholic Primary School
28/10/2015	28/10/2015 09:50	28/10/2015 16:51	Near No.87 Hoi Pa San Tsuen	Ho Pui Tsuen, Hoi Pa San Tsuen
4/11/2015	4/11/2015 09:00	4/11/2015 23:00	Near Lamp Post PA5167, Wing Shun Street	Shak Chung Shan Memorial Catholic Primary School,& Waterside Plaza
6/11/2015	6/11/2015 15:22	7/11/2015 00:30	Underneath Texaco Rd Flyover, near Kwok	Shing Mun Road, Wai Tsuen Road, No.130-142

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
			Shui Road Park	& No.682-704 Castle Peak Road, Kwok Shui Road, Fu UK Road, Shek Wai Kok Road, Sai Lau Kok Road.
9/11/2015	9/11/2015 10:30	9/11/2015 11:15	Near Lamp Post AC1446 Tsuen King Circuit	Sheeny Terrace
11/11/2015	11/11/2015 16:26	11/11/2015 22:46	Near No.113 Chuen Lung Street	No.118 Chuen Lung Street,34-58 Sun Chin Street,33-37 Ho Pui Street, 23-33 Wo Tik Street
13/11/2015	13/11/2015 18:50	13/11/2015 22:30	Near No.22 Pun Shan Street	No.22 Pun Shan Street
21/11/2015	21/11/2015 15:00	22/11/2015 09:30	Near No.301-305 Wo Yi Hop Road	No.301-305 Wo Yi Hop Road
29/11/2015	29/11/2015 09:50	30/11/2015 00:00	Near Lamp Post FB5103 Tsuen King Circuit,Tsuen Wan	No.23-27 Tsuen King Circuit, Tsuen King Garden.
29/11/2015	29/11/2015 14:40	29/11/2015 19:02	Near No. 52 Chung Kwai Chung Tsuen	No. 37-52 Chung Kwai Chung Tsuen
1/12/2015	1/12/2015 14:30	1/12/2015 16:45	No.289 Sha Tsui Road	No.9-17 Sze Pei Square and No.44-50 Ham Tin Street and No.269-289 Sha Tsui Road
2/12/2015	2/12/2015 16:03	2/12/2015 18:41	Near Lamp Post FA5235 Wing Shun Street	Shek Chung Shan Memorial Catholic Primary School, Waterside Plaza, No.19-31 Ma Tau Pa Road
10/12/2015	10/12/2015 13:45	10/12/2015 15:15	Back Lane of No.32 Heung Shing Street	No.9-17 Fu Yung Street, No.16-32 Heung Shing Street
14/12/2015	14/12/2015 09:00	14/12/2015 19:00	Near Lamp Post FA4652 Ma Kok Lane	No.32-40 Wang Lung Street
16/12/2015	16/12/2015 17:50	16/12/2015 20:50	Back of No.2-24 Tai Pei Square	No.2-24 Tai Pei Square. No.35-85 Chuen Lung Street
18/12/2015	18/12/2015 15:10	19/12/2015 00:30	Near Fire Hydrant 2334, Tsuen King Circuit	Joyful Building, Tsuen Tak Garden, Kam Fung Garden, Woo Hon Fai Secondary School,

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Church of the Annunciation
19/12/2015	19/12/2015 05:25	19/12/2015 19:00	Near Lamp Post W4126 Hoi Shing Road	Along Hoi Shing Road and Tai Pa Street
19/12/2015	19/12/2015 10:30	19/12/2015 17:30	Near Lamp Post W0065 of Tsuen King Circuit	Tsuen King Garden Phase 2
19/12/2015	19/12/2015 10:35	20/12/2015 01:46	19-21 Tai Ho Road	No. 7-21 Tai Ho Road, Tsuen Wan District of Junior Police Call Club House
19/12/2015	19/12/2015 12:00	19/12/2015 19:30	Near No.620 Castle Peak Road	Belvedere Square Two, Bayview Garden, Long Beach Gardens, Golden Village, The Bag Bridge
19/12/2015	19/12/2015 14:58	20/12/2015 12:16	Carriageway Opposite MTR Depot Kwu Uk Lane	No.101-137 Sai Lau Kok Road.
19/12/2015	19/12/2015 18:12	20/12/2015 00:35	No.5-21 Pak Tin Par Street	No.5-21 Pak Tin Par Street
20/12/2015	20/12/2015 08:30	20/12/2015 17:15	Near Lamp Post FB4930 Hoi Pa Village South Terrace	Hoi Pa Village South Terrace
22/12/2015	22/12/2015 10:48	23/12/2015 04:32	Near Lamp Post W4935 Sai Lau Kok Road	Sai Lau Kok Road, No. 90-350 Castle Peak Road
22/12/2015	22/12/2015 14:35	22/12/2015 23:00	Near Lamp Post FA5845 Wai Tsuen Road	Ma Sim Pai Road,Wai Tsuen Road, Luk Yeung Sun Chuen, Fairview Garden.
24/12/2015	24/12/2015 14:00	24/12/2015 16:00	Near Lamp Post FB7572 Wang Lung Street	Ma Kok Lane, Texaco Road, Wang Lung Street, Fui Yiu Kok Street
2/1/2016	2/1/2016 12:00	3/1/2016 09:00	Near No.28 Wang Wo Tsai Street	No.28 Wang Wo Tsai Street
3/1/2016	3/1/2016 11:40	3/1/2016 16:30	Near No.18 Ma Kok Street ,Tsuen Wan.	No.18 Ma Kok Street
11/1/2016	11/1/2016 13:30	11/1/2016 14:30	Near 95 Chung On Street	Ho Pui Street, Chung On Street, Yi Pei Square, Chuen Lung Street
11/1/2016	11/1/2016 14:25	11/1/2016 15:45	83 Hoi Pa Street Back Lane	No.77-93 Hoi Pa Street & No.2-6 Lo Tak Court
11/1/2016	11/1/2016 22:25	12/1/2016 06:40	Near Lamp Post AC1982 Castle Peak Road	Belvedere Square Two, Bayview Garden, Long Beach Garden Villa, The Bay Bridge

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
13/1/2016	13/1/2016 16:30	14/1/2016 09:00	No.46 Back Lane of Hau Tei Square	No.40-46 Hau Tei Square
23/1/2016	23/1/2016 16:59	23/1/2016 20:20	Near Lamp Post W2666 Hoi Pa Street	Lo Tak Court, Hoi Pa Street Government Primary School
25/1/2016	25/1/2016 13:30	25/1/2016 22:00	Back of No.29 Ham TinTsuen	No.1-30 Ham Tin Tsuen.
26/1/2016	26/1/2016 09:45	26/1/2016 15:00	Near No.9-31 Tai Pei Square Back Lane	No.9-31 Tai Pei Square, No.25-51 Chung On Street
27/1/2016	27/1/2016 06:40	28/1/2016 14:10	Near Lamp Post FA5185 Yi Lok Street	Riviera Gardens
28/1/2016	28/1/2016 19:00	28/1/2016 20:15	Back Lane of No.9 Tso Kung Square	No.1-37 Tso Kung Square, No.105-139 Sha Tsui Road, No.28-30 Tso Kung Street
28/1/2016	29/1/2016 00:30	30/1/2016 16:15	Near Lamp Post W0585 Kwok Shui Road	Kwok Shui Road
4/2/2016	4/2/2016 09:55	4/2/2016 21:30	Near No.50 Wang Wo Tsai Street	Wang Wo Tsai Street and No.100 Texaco Road
7/2/2016	7/2/2016 09:50	8/2/2016 04:50	Near No.23-27 Tsuen King Circuit	No. 23-27 Tsuen King Circuit, Waylee Industrial Centre, Tsuen King Garden
11/2/2016	11/2/2016 16:30	11/2/2016 19:00	Near Lamp Post AC1986 Tsuen Wan Market Street, Tsuen Wan	No.115-119 Tsuen Wan Market Street & Yan Chai Hospital
12/2/2016	12/2/2016 14:50	13/2/2016 09:00	Near No.115 Tsuen Wan Market Street	No.115-119 Tsuen Wan Market Street
24/2/2016	24/2/2016 16:05	24/2/2016 17:15	Near No.10-20 Pun Shan Street	No.10-20 Pun Shan Street
24/2/2016	25/2/2016 01:50	25/2/2016 09:45	Near Lamp Post FA5842 Wai Tsuen Road	Fairview Garden, Tsuen Wan Ambulance Depot, Luk Yeung Sun Chuen, Hoi Pa Village South Terrace, Muk Min Ha Tsuen
25/2/2016	25/2/2016 14:25	26/2/2016 00:30	Near Lamp Post FA4651 Ma Kok Lane	Ma Kok Lane
29/2/2016	29/2/2016 11:00	29/2/2016 18:30	No.5-9 Chai Wan Kok Street	No.5-15 Chai Wan Kok Street
1/3/2016	1/3/2016 10:00	1/3/2016 10:35	Near No.60 Ho Pui Tsuen	No.56-71 Hoi Pui Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
2/3/2016	2/3/2016 15:45	2/3/2016 16:35	Near No.43-45 Chung On Street Back Lane	No.25-49 Chung On Street, No.134-150 Hoi Pa Street, No.9-31 Tai Pei Square
2/3/2016	2/3/2016 19:40	3/3/2016 15:00	Near 25-31 Tsuen Hing Path	Lo Tak Court
4/3/2016	4/3/2016 16:30	4/3/2016 21:30	Near No. 7 Hoi Pa Tsuen	No. 1-9, Hoi Pa Tsuen
10/3/2016	10/3/2016 16:10	10/3/2016 18:20	Near Lamp Post W2104 Tsuen King Circuit	Tsuen King Circuit Recreation Ground and Rest Garden
10/3/2016	10/3/2016 23:05	11/3/2016 11:00	Near Lamp Post FC0550 , Tai Ho Road	Sha Tsui Road Playground & Princess Alexandra Community Centre
11/3/2016	12/3/2016 00:30	12/3/2016 03:50	Near Lamp Post FA4655 Ma Kok Lane	No.204-248 Texaco Road.
21/3/2016	21/3/2016 06:40	21/3/2016 10:45	Near Lamp Post V7675, Hoi Pa Street	Holy Cross Lutheran School
22/3/2016	22/3/2016 16:30	22/3/2016 18:45	Near No.301 Wo Yi Hop Road Back Lane	No.301 Wo Yi Hop Road
30/3/2016	30/3/2016 05:08	30/3/2016 15:24	Near Lamp Post FC2618 Castle Peak Road	Yau Lai Road, Bayview Garden, Belvedere Garden, Lai Shun Road, Fat Yip Lane and Wang Fat Ching She
31/3/2016	31/3/2016 16:50	1/4/2016 09:00	Near No.261 Wo Yi Hop Road	No.225-271 Wo Yi Hop Road
1/4/2016	2/4/2016 00:25	2/4/2016 06:30	No.52A Sha Tsui Road	No.26-76 Sha Tsui Road
5/4/2016	5/4/2016 13:50	5/4/2016 15:40	Near No.23 Tsuen Hing Path	Lo Tak Court and Tsuen Hing Path
9/4/2016	9/4/2016 12:00	9/4/2016 15:30	No.22 On Yat Street	Block F-R of Allway Gardens, Tsuen King Circuit Wo Chung Swimming Pool
11/4/2016	11/4/2016 10:05	11/4/2016 19:12	Near No.103, Kwan Mun Hau Tsuen	No.103 Kwan Mun Hau Tsuen
16/4/2016	16/4/2016 14:52	16/4/2016 22:40	Near No.220-248 Texaco Road	Waterside Plaza, Part of Wing Tak Street
17/4/2016	17/4/2016 09:58	17/4/2016 15:40	Near No.66-82 Chai Wan Kok Street	Chai Wan Kok Street, Part of Pan Shan Street
18/4/2016	18/4/2016	18/4/2016	Near No.19-21 Tai Ho	Part of Tai Ho Road

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	15:15	17:24	Road	
18/4/2016	18/4/2016 17:20	18/4/2016 19:20	Near FC3731 Tsuen Yip Street	No.2-18 Ma Kok Street, No.72-84 Wang Lung Street, No.168-202 Texaco Road, Tsuen Yip Street
21/4/2016	21/4/2016 09:40	22/4/2016 04:00	Near No.30 Tsuen King Circuit	Waylee Industrial Centre
28/4/2016	28/4/2016 08:50	28/4/2016 19:00	Near No.40-50 Sha Tsui Road	No.16-76 Sha Tsui Road
30/4/2016	30/4/2016 16:00	30/4/2016 22:30	Near No.36 Chai Wan Kok Street	Chai Wan Kok Street
1/5/2016	1/5/2016 15:00	1/5/2016 18:00	Near No.59 Wang Lung Street	Part of Wang Lung Street
6/5/2016	6/5/2016 15:50	7/5/2016 09:00	Near No.47 Chai Wan Kok Street	No.47 Chai Wan Kok Street
8/5/2016	8/5/2016 16:30	8/5/2016 18:45	No.99 Back Lane of Yeung Uk Road	No.70-84 Ho Pui Street, No.85-99 Yeung Uk Road
14/5/2016	14/5/2016 17:30	15/5/2016 00:40	Near No.47-51 Wai Tsuen Road	Muk Min Ha Tsuen, Hoi Pa Village South Terrace, Tsuen Wan Ambulance Depot, Fairview Garden, Part of Luk Yeung Sun Tsuen.
18/5/2016	18/5/2016 17:15	18/5/2016 22:15	Near No.21 Pak Tin Par Street	No.5-39 and No.2-28 Pak Tin Par Street
19/5/2016	19/5/2016 16:50	19/5/2016 22:50	Near No.27 Mei Wan Street	No.1-37 of Mei Wan Street
20/5/2016	20/5/2016 11:25	20/5/2016 16:40	Near No.19 Hoi Pa Village South Terrace	No.19 Hoi Pa Village South Terrace
24/5/2016	24/5/2016 11:00	24/5/2016 23:15	Near Lamp Post W1531,Kwok Shui Road	Shing Mun Valley Swimming Pool, Shek Wai Kok Estate
25/5/2016	25/5/2016 01:25	26/5/2016 23:15	Near Lamp Post W0620 Texaco Road North	Shek Wai Kok Estate
25/5/2016	25/5/2016 14:30	25/5/2016 17:00	Near No.4 Hoi Pa Village South Terrace	Hoi Pa Village South Terrace
27/5/2016	27/5/2016 11:48	27/5/2016 15:54	Near No.28-30 Tso Kung Street	No.1-37 Tso Kung Square, No.105-139 Sha Tsui Road.
29/5/2016	29/5/2016 14:20	29/5/2016 21:30	Back Lane of No.25 Wo Tik Street	No.23-33 Wo Tik Street, No.33-37 Ho Pui Street, No.34-58 San Tsuen Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
31/5/2016	31/5/2016 17:00	1/6/2016 09:00	Near No.15 Fu Yung Street	No.9-17 Fu Yung Street,No.16-32 Heung Shing Street
1/6/2016	1/6/2016 17:05	2/6/2016 09:00	Near Lamp Post W3295 Chai Wan Kok Street	Part of Chai Wan Kok Street
3/6/2016	3/6/2016 11:40	3/6/2016 16:40	Near Lamp Post W3295 Chai Wan Kok Street	Chai Wan Kok Street Public Toilet
3/6/2016	3/6/2016 16:55	3/6/2016 23:50	Near No.40-50 Sha Tsui Road	No.26-76 Sha Tsui Road
4/6/2016	4/6/2016 13:52	4/6/2016 18:00	Near Lamp Post FC0600 Chai Wan Kok Street	Chai Wan Kok Public Toilet
4/6/2016	4/6/2016 16:49	5/6/2016 02:00	Near 84-92 Chai Wan Kok Street	Chai Wan Kok Street
11/6/2016	11/6/2016 18:30	12/6/2016 06:15	Near Lamp Post BC0315 Tsuen King Circuit	No.30-34 Tsuen King Circuit
15/6/2016	15/6/2016 14:30	15/6/2016 16:25	Near No.111 Hoi Pa Street Back Lane	No.105-117 Hoi Pa Street, No.22-30 Chuen Lung Street.
16/6/2016	16/6/2016 16:20	18/6/2016 15:00	Near Lam Post No. DC1786 Yeung UK Road	Tsuen Wan and Kwai Chung
17/6/2016	17/6/2016 10:30	18/6/2016 09:00	Back of No.208 Castle Peak Road, Tsuen Wan	Tsuen Wan Multi-storey Carpark Building
19/6/2016	19/6/2016 07:35	20/6/2016 17:15	Near Lamp Post W3680 Sai Lau Kok Road	No.1-37 Mei Wan Street, Tsuen Kam Center. No.38-100 Sai Lau Kok Road, Tsuen Wan Station
20/6/2016	20/6/2016 16:00	20/6/2016 22:30	Near Lamp Post W2535 Sai Lau Kok Road	Tsuen Wan Multi-storey Carpark Building
24/6/2016	24/6/2016 10:35	24/6/2016 15:15	Near Lamp Post FB3018 Sha Tsui Road	No.381-389 Sha Tsui Road
24/6/2016	24/6/2016 14:30	25/6/2016 09:00	Near No.16 Pun Shan Street	No.10-16 Pun Shan Street
25/6/2016	25/6/2016 20:15	26/6/2016 03:00	Near No.123 Chuen Lung Street	Part of Ho Pui Street
29/6/2016	29/6/2016 08:15	29/6/2016 16:10	Near No.31 Ma Tau Pa Road	No.19-31 Ma Tau Pa Road
30/6/2016	30/6/2016 17:45	1/7/2016 09:00	Near No.44 Hau Tei Square	No.40-46 Hau Tei Square
2/7/2016	2/7/2016 06:14	2/7/2016 13:56	Near Lamp Post FA4655, Ma Kok Lane	No.204-248 Texaco Road, No.32-56 Wang

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Lung Street
4/7/2016	4/7/2016 14:50	4/7/2016 15:10	Near Former Kwai Chung Public School, Kwok Shui Road	Former Kwai Chung Public School
5/7/2016	5/7/2016 12:00	5/7/2016 14:30	Near No.3-5 On Wing Street	No.3-11 On Wing Street.
8/7/2016	8/7/2016 13:30	8/7/2016 16:50	Near No.117-121 Tsuen Wan Market Street	No.67-119 Tsuen Wan Market Street, Yan Chai Hospital, No.2-24 Chung On Street, No.46-51 Sin Wo Street
12/7/2016	12/7/2016 13:48	12/7/2016 14:43	Near No.41-47 Pak Tin Par Street	No.41-47 Pak Tin Par Street
12/7/2016	12/7/2016 16:00	13/7/2016 09:00	Near No.13 Ham Tin Tsuen	No.12-29 Ham Tin Tsuen
15/7/2016	15/7/2016 18:00	16/7/2016 09:00	Near No.325 Wo Yi Hop Road	No.273-335 Wo Yi Hop Road
16/7/2016	16/7/2016 10:15	16/7/2016 16:35	Near No.59 Chai Wan Kok Street	No.59-63 Chai Wan Kok Street
16/7/2016	16/7/2016 16:45	16/7/2016 21:40	Near 43 Sha Tsui Road	No.1-76 Sha Tsui Road, Pak Tin Par Street, Pun Shan Street, Part of Chai Wan Kok Street
22/7/2016	22/7/2016 09:15	22/7/2016 16:50	Near Hoi Hing Road, Tsuen Wan Salt Water Pumping Station	Tsuen Wan Salt Water Pumping Station
28/7/2016	28/7/2016 16:48	28/7/2016 18:15	Near Lamp Post BC1475 Wo Yi Hop Road	No. 225-271 Wo Yi Hop Road
29/7/2016	29/7/2016 15:05	30/7/2016 08:50	Near No.273 Wo Yi Hop Road	Part of Wo Yi Hop Road
30/7/2016	30/7/2016 15:35	30/7/2016 18:30	Near 68 Hau Tei Square	Iau Kin Building,Po Shing Mansion, Foo Wah House, Iau Keung Building
5/8/2016	5/8/2016 18:00	5/8/2016 21:15	Back Lane of No.38 Hau Tei Square	No.24-72 Hau Tei Square
6/8/2016	6/8/2016 17:00	6/8/2016 23:25	Back of No.32 Yi Pei Square	Part of Chuen Lung Street and Ho Pui Street
7/8/2016	7/8/2016 16:25	7/8/2016 21:40	Near No.2 Shing Mun Road	Si Yuan School of the Precious Blood, Hong Kong Examinations and Assessment Authority

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
13/8/2016	13/8/2016 14:00	13/8/2016 16:20	No.7 Tsuen Hing Path	Part of Hoi Pa Street, Tsuen Hing Path,On Wing Street, Lo Tak Court
13/8/2016	13/8/2016 16:00	14/8/2016 09:30	Junction of Sai Lau Kok Road and Mei Wan Street	No.1-38 Sai Lau Kok Road, No.1-37 Mei Wan Street, Tsuen Kam Center, Cheong Lok Mansion, Nan Fung Center, Tsuen Wan Station
23/8/2016	23/8/2016 18:59	24/8/2016 04:00	Near Lamp Post CC1112 Wing Tak Street Junction with Texaco Road	City Point
25/8/2016	25/8/2016 16:40	25/8/2016 19:20	Near No.34-36 Chai Wan Kok Street	Chai Wan Kok Street
8/9/2016	8/9/2016 17:15	9/9/2016 00:15	Near No.34 San Tsuen Street	No.34-38 Tsuen Street, No.22-33 Wo Tik Street, No.33-35 Ho Pui Street
10/9/2016	10/9/2016 14:30	11/9/2016 04:30	Near Lamp Post FB5823 Sai Lau Kok Road	Part of Sai Lau Kok Road, Nan Fung Centre
12/9/2016	12/9/2016 14:55	12/9/2016 17:45	Near No.199 Tsuen King Circuit	Tsuen Wan Adventist Hospital, Allway Gardens Block A-E
13/9/2016	13/9/2016 10:20	13/9/2016 16:30	Near 2-8 Tsuen Hing Path	No.30-38 Tai Ho Road
14/9/2016	14/9/2016 09:40	14/9/2016 13:40	Near No.106-114 Kwok Shui Road	No.88-140 Kwok Shui Road, Tsuen Wan
17/9/2016	17/9/2016 14:59	18/9/2016 08:00	Near 166 Sha Tsui Road	112-188 Sha Tsui Road, 9-63 Heung Wo Street
17/9/2016	17/9/2016 22:15	18/9/2016 01:12	Near Lamp Post FB7581 Wang Lung Street	Wang Lung Street,Ma Kok Street and No.168 Yeung UK Road
19/9/2016	19/9/2016 15:15	21/9/2016 09:00	Back Lane of No.105 Sha Tsui Road	No.105-139 Sha Tsui Road,No.1-37 Tso Kung Square
19/9/2016	19/9/2016 15:15	20/9/2016 09:00	Near 31 Muk Min Ha Tsuen	No.31 Muk Min Ha Tsuen
21/9/2016	21/9/2016 10:50	21/9/2016 13:25	Near Back Lane of No.9 Hoi Pai Resite Village, Yi Pei Chun Road.	No.1-9 Hoi Pai Resite Village
23/9/2016	23/9/2016	23/9/2016	Near No.37 Tso Kung	No.100-130 Sha Tsui

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
	10:45	17:10	Square	Road,Tso Kung Square
23/9/2016	23/9/2016 22:00	25/9/2016 03:50	Near No.289 Sha Tsui Road	Sze Pei Square, No.271-289 Sha Tsui Road
27/9/2016	27/9/2016 13:45	28/9/2016 09:00	Back of No.45 Ho Pui Tsuen, Kwok Shui Road	No.1-48 Ho Pui Tsuen
3/10/2016	3/10/2016 16:55	4/10/2016 09:00	Back Lane of No.31 Wo Tik Street	No.22-33 Wo Tik Street, No.34-58 San Tsuen Street, No.118 Chuen Lung Street, No.33-37 Ho Pui Street
5/10/2016	5/10/2016 11:10	5/10/2016 13:00	Near Lamp Post W2108 Tsuen King Circuit	No.86-92 Tsuen King Circuit
7/10/2016	7/10/2016 13:35	7/10/2016 16:15	Near No.83-85 Chuen Lung Street,Tsuen Wan.	No. 31-89 Chuen Lung Street
10/10/2016	10/10/2016 23:00	11/10/2016 14:56	Near 1 Yeung UK Road	Tsuen Wan and Kwai Chung weak in SW Supply Pressure
12/10/2016	12/10/2016 18:00	12/10/2016 22:30	Back Lane of No.144 Sha Tsui Road	No.112-188 Sha Tsui Road, No.1-9 Heung Shing Street, No.9-63 Heung Wo Street, No.67-73 Yuen Tun Circuit
13/10/2016	13/10/2016 20:40	14/10/2016 00:30	Near No.30-38 Tsuen King Circuit	No.23-81 Tsuen King Circuit
15/10/2016	15/10/2016 08:37	15/10/2016 14:40	Near 95 Chuen Lung Street	93-127 Chuen Lung Street, 2-32 Yi Pei Square
16/10/2016	16/10/2016 10:10	16/10/2016 12:15	Back of No.120 Sha Tsui Road	No.112-188 Sha Ysui Road and No.9-73 Heung Wo Street
17/10/2016	17/10/2016 15:10	18/10/2016 14:00	Near No.30-38 Tsuen King Circuit	No.30-38 Tsuen King Circuit
20/10/2016	20/10/2016 09:10	20/10/2016 16:00	Near No.202-216 Sai Lau Kok Road	No.170-216 Sai Lau Kok Road
20/10/2016	20/10/2016 15:10	20/10/2016 18:50	Near No.50 Wang Wo Tsai Street	No.100 Texaco Road
23/10/2016	23/10/2016 12:10	23/10/2016 16:45	Near No.72 Hoi Pa Resite Village	Hoi Pa Resite Village
24/10/2016	24/10/2016 10:15	24/10/2016 14:15	Near No.1 Ho Pui Tsuen, Kok Shui Road	Part of Kwan Mun Hau Tsuen, Yeung UK Tsuen, Ho Pui Tsuen
24/10/2016	24/10/2016 16:50	24/10/2016 19:30	Back Lane of No.1 Yeung UK Tsuen	No.1-13 Yeung UK Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
26/10/2016	26/10/2016 21:00	27/10/2016 06:00	Near Lamp Post FC3737 Tsuen Yip Street	No.14-18 Ma Kok Street
26/10/2016	26/10/2016 21:30	27/10/2016 06:30	Near No.37 Ho Pui Street	Ho Pui Street,Wo Tik Street,San Tsuen Street
8/11/2016	10/11/2016 11:33	10/11/2016 19:54	Near Lamp Post AC5902 Hoi Kwai Road	Tsuen Wan & Kwai Chung Weak in Pressure
10/11/2016	10/11/2016 18:30	11/11/2016 09:00	Near Lamp Post FC0482 Texaco Road	Tsuen Wan Driving Test Centre
11/11/2016	11/11/2016 09:25	11/11/2016 15:00	Near Fire Hydrant 166 Texaco Road	Tsuen Wan Driving Test Centre.
21/11/2016	21/11/2016 15:35	21/11/2016 18:00	Near No.2-4 Chai Wan Kok Street	Chai Wan Kok Street Toilet
22/11/2016	22/11/2016 19:05	23/11/2016 15:05	Near No.66 Sha Tsui Road	No.26-76 Sha Tsui Road
24/11/2016	24/11/2016 15:40	24/11/2016 21:15	Near No.603-609 Castle Peak Road	No.603-609 Castle Peak Road
25/11/2016	25/11/2016 19:40	26/11/2016 00:30	Near No.83-93 Chai Wan Kok Street	No.83-93 Chai Wan Kok Street
25/11/2016	25/11/2016 22:00	26/11/2016 04:40	Near No.52 Sha Tsui Road	No.26-76 Sha Tsui Road
26/11/2016	26/11/2016 01:30	26/11/2016 21:00	Near No.23 Shiu Wo Street	No.17-37 Shiu Wo Street, No.181-123 Castle Peak Road, No.1-11 Chung On Street
29/11/2016	29/11/2016 01:35	30/11/2016 05:08	Near Lamp Post W4936 Sai Lau Kok Road	Tsuen Wan MTR Station, Nan Fung Centre and Cheong Lok Mansion
6/12/2016	6/12/2016 09:55	6/12/2016 16:00	Near No.88 Kwok Shui Road	No.88 Kwok Shui Road.
8/12/2016	8/12/2016 01:30	8/12/2016 15:00	Near No.2 Kwu UK Lane	No.139-216 Sai Lau Kok Road, Wai Tsuen Road, Muk Min Ha Tsuen, Hoi Pa Village South Terrace
8/12/2016	8/12/2016 18:10	9/12/2016 09:00	Near No.46 Shiu Wo Street	No.46 Shiu Wo Street
9/12/2016	9/12/2016 15:29	9/12/2016 21:53	Near Lamp Post FB3018 Sha Tsui Road	No. 381-389 Sha Tsui Road
10/12/2016	10/12/2016 13:00	10/12/2016 16:30	Near Lamp Post 1978 Wo Tik Street	Wo Tik Street and Ho Pui Street
11/12/2016	11/12/2016 22:45	12/12/2016 14:00	Near Lamp Post FC3243 Pun Shan Street	No-22 Pun Shan Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
12/12/2016	12/12/2016 15:45	13/12/2016 09:00	Near No.65-69 Chai Wan Kok Street	No.65-69 Chai Wan Kok Street
17/12/2016	17/12/2016 11:00	17/12/2016 17:30	Near No.48 Pak Tin Par Street	No.23-63 Pak Tin Par Street
20/12/2016	20/12/2016 17:30	20/12/2016 19:10	Near No.28 Par Tin Par Street	No.2-32 and No.1-31 Pak Tin Par Street
24/12/2016	24/12/2016 09:40	24/12/2016 14:30	Near Lamp Post FB2838 Ting Kwok Street	Yeung Uk Tsuen
28/12/2016	28/12/2016 09:20	28/12/2016 17:00	Near No.117 Sam Tung Uk Resite Village	Part of Hoi Pa Village, Sam Tung Uk Resite Village
30/12/2016	30/12/2016 19:50	31/12/2016 10:00	Near No.10 Tso Kung Square	No.6-10 Tso Kung Square
1/1/2017	1/1/2017 11:15	2/1/2017 10:00	Near Lamp Post FA1788 Ho Pui Street	No.89 Ham Tin Street
2/1/2017	2/1/2017 15:00	5/1/2017 02:00	Near No.12-28 Tsuen Fu Street,Tsuen Wan.	Tsuen Kwai Street, Tsuen Fu Street.
6/1/2017	6/1/2017 09:40	6/1/2017 23:30	Near Lamp Post DC1208 Tsuen Wan Market Street	No.2-24 Chung On Street, No.67-95 Tsuen Wan Market Street
7/1/2017	7/1/2017 15:20	8/1/2017 09:28	Near 21 Ho Pui Tsuen	No.1-48 Ho Pui Tsuen
13/1/2017	13/1/2017 13:15	14/1/2017 02:30	Near Lamp Post FC0550 Tai Ho Road	Sha Tsui Road Playground & Princess Alexandra Community Centre
16/1/2017	16/1/2017 10:50	16/1/2017 11:35	Near No.119 Sam Tung UK Resite Village	No.119 Sam Tung UK Resite Village
16/1/2017	16/1/2017 12:00	16/1/2017 13:05	Near Lamp Post DC1203 Tsuen Wan Market Street	Jockey Club Tak Wah Park
18/1/2017	18/1/2017 20:00	19/1/2017 14:23	Near 7 Shing Mun Road	Shing Mun Road
21/1/2017	21/1/2017 16:30	21/1/2017 21:30	Near 121 Tsuen Wan Market Street	No.115-133 Castle Peak Road
23/1/2017	23/1/2017 00:45	23/1/2017 14:08	Near Lamp Post W1957 Kwu UK Lane	MTR Tsuen Wan Depot, Luk Yeung Sun Chuen (00:30-09:30 only)
23/1/2017	23/1/2017 16:20	24/1/2017 09:00	Near No.619 Castle Peak Road	No.611-619 Castle Peak Road
1/2/2017	1/2/2017 11:00	1/2/2017 16:00	Near No.22 Ho Pui Tsuen	No.1-48 Ho Pui Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
3/2/2017	3/2/2017 13:45	3/2/2017 14:50	Near Lamp Post W1521 Kwok Shui Road	Kwok Shui Road Park
3/2/2017	3/2/2017 16:00	4/2/2017 09:15	Near Back lane No.12 Fu Yung Street	No.9-17 Fu Yung Street, No.16-32 Heung Shing Street
4/2/2017	4/2/2017 08:30	5/2/2017 09:30	Near No.83-93 Chai Wan Kok Street	Chai Wan Kok Street
6/2/2017	6/2/2017 17:30	6/2/2017 19:15	Back of No.62 Tak Wah Street	No.62-70 Tak Wah Street
8/2/2017	8/2/2017 14:00	8/2/2017 20:45	Near Lamp Pos No.W1957 Kwu Uk Lane	Sam Tung Uk Garden, Tsuen Wan MTR Depot
12/2/2017	12/2/2017 07:50	12/2/2017 15:50	Near No.90 Tsuen King Circuit	Tsuen Wan Centre Stage 2
14/2/2017	14/2/2017 07:55	16/2/2017 04:45	Near Lamp Post W3679 Sai Lau Kok Road	Tsuen Wan Station, Nan Fung Centre, Cheong Lok Mansion
18/2/2017	18/2/2017 10:25	18/2/2017 17:30	Back Lane of No.28 Tak Wah Street	No.2-34 Tak Wah Street, No.297-335 Sha Tsui Road
20/2/2017	20/2/2017 18:30	21/2/2017 05:30	Near Lamp Post No.W3679 Sai Lau Kok Road	No.100-120 Sai Lau Kok Road and Tsuen Wan Station.
23/2/2017	23/2/2017 02:10	23/2/2017 16:25	Near Lamp Post DC1207 Tsuen Wan Market Street	No.61-95 Tsuen Wan Market Street,No.135-173 Castle Peak Road
24/2/2017	24/2/2017 12:45	24/2/2017 14:30	Near 28 Pak Tin Par Street	No. 28 Pak Tin Par Street
25/2/2017	25/2/2017 19:15	26/2/2017 18:00	Near No.57 Sha Tsui Road	No.29-57 Sha Tsui Road
26/2/2017	26/2/2017 08:00	27/2/2017 09:00	Near No. 62 Sha Tsui Road	No.26-76 Sha Tsui Road
28/2/2017	28/2/2017 16:30	28/2/2017 17:40	Near No.5 Chung On Street.	No.1-11 Chung On Street
3/3/2017	3/3/2017 15:35	4/3/2017 09:00	Near No. 52 Hau Tei Square	No.32-46 Hau Tei Square
3/3/2017	3/3/2017 17:45	3/3/2017 22:00	Near No. 5-9 Chai Wan Kok Street	No.5-9 Chai Wan Kok Street
13/3/2017	13/3/2017 15:00	13/3/2017 22:00	Near No.123 Castle Peak Road	No.117-133 Castle Peak Road
15/3/2017	15/3/2017 13:10	15/3/2017 16:00	Near No.41 Pak Tin Par Street	No. 36-61 Pak Tin Par Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
17/3/2017	17/3/2017 14:00	17/3/2017 23:00	Near No. 19 Wo Tik Street	Wo Tik Street
18/3/2017	18/3/2017 13:15	18/3/2017 16:15	Near No. 106-114 Kwok Shui Road	No. 88-130 Kwok Shui Road
21/3/2017	21/3/2017 14:40	21/3/2017 17:35	Near No.25-33 Chung On Street	No. 25-55 Chung On Street, No. 120-150 Hoi Pa Street, No. 31-89 Chuen Lung Street and No. 237-255 Sha Tsui Road
21/3/2017	22/3/2017 14:00	23/3/2017 01:10	Near Lamp Post FA5850 Wai Tsuen Road	Wai Tsuen Sports Centre, Hong Yee Garden
25/3/2017	25/3/2017 08:30	25/3/2017 19:05	Near Lamp Post AC5666 Wang Wo Tsai Street	Wang Wo Tsai Street
3/4/2017	3/4/2017 17:55	4/4/2017 01:00	Near Lamp Post DC1769 Tai Ho Road	Nina Tower Bus Terminus
7/4/2017	7/4/2017 21:55	8/4/2017 16:25	Near Lamp Post FB5029 Tsuen King Circuit	Tsuen Wan Police Station, Waylee Industrial Centre, Block 6-7, Block 11-12, Tsuen King Garden
11/4/2017	11/4/2017 18:40	12/4/2017 15:30	Near No. 50 Sha Tsui Road	No. 28-76 Sha Tsui Road.
17/4/2017	17/4/2017 16:30	17/4/2017 19:45	Near No. 70 Hau Tei Square	No. 70-72 Hau Tei Square, No. 77-89 Tai Ho Road.
22/4/2017	22/4/2017 10:00	22/4/2017 17:15	Near No. 50 Wang Wo Tsai Street	Wang Wo Tsai Street
25/4/2017	25/4/2017 17:40	25/4/2017 19:20	Near No. 4 Fu Wing Street	Fu Wing Street
27/4/2017	27/4/2017 15:05	28/4/2017 09:00	Near No. 2-8 Yi Pei Square	No.93-99 Chuen Lung Street
8/5/2017	8/5/2017 20:40	9/5/2017 11:15	Back Lane of No. 112-118 Sha Tsui Road	No.112-144 Sha Tsui Road and No. 1-9 Heung Shing Street, No. 9-23 Heung Wo Street
12/5/2017	12/5/2017 17:05	14/5/2017 14:30	Near No, 37-41 Tak Wah Street	No. 37-41 Tak Wah Street
12/5/2017	12/5/2017 17:40	12/5/2017 19:00	Near No. 27 Ho Pui Tsuen	No.1-55 Ho Pui Tsuen
13/5/2017	13/5/2017 13:55	13/5/2017 18:45	No. 41 Tsuen Wan Market Street	No.12-36 Shui Wo Street, No.27-59 Tsuen Wan

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Market Street, No. 13-19 Chung on Street
16/5/2017	16/5/2017 11:10	16/5/2017 16:45	Near No. 11 Dung Fat Street	Lo Tak Court
17/5/2017	17/5/2017 12:00	17/5/2017 15:30	Near No. 36-44 Pak Tin Par Street	Pak Tin Par Street
18/5/2017	18/5/2017 13:00	18/5/2017 16:23	Near No. 34 Muk Min Ha Tsuen	No.34 Muk Min Ha Tsuen
19/5/2017	19/5/2017 17:15	20/5/2017 09:00	Near No. 54 Ho Pui Tsuen	No. 54 Ho Pui Tsuen
20/5/2017	20/5/2017 10:00	20/5/2017 16:45	Near Lamp Post AC1247 Kwan Mun Hau Street	No. 37-41 Tak Wah Street
23/5/2017	23/5/2017 15:15	23/5/2017 22:00	Near No. 68-82 Chai Wan Kok Street	No. 68-82 Chai Wan Kok Street
24/5/2017	24/5/2017 05:55	24/5/2017 17:55	Near No.121-129 Tsuen Wan Market Street	No. 121-129 Tsuen Wan Market Street
25/5/2017	25/5/2017 15:30	25/5/2017 17:00	Near No. 210 Yau Ma Hom Resite Village, Tsuen Wan.	No.210-216 Yau Ma Hom Resite Village
25/5/2017	26/5/2017 09:05	26/5/2017 12:10	Near No. 49 Pak Tin Par Street	No. 28-63 Pak Tin Par Street, No. 8-28 Tai Chung Road
5/6/2017	5/6/2017 16:00	5/6/2017 20:00	Near No. 18 Tak Hoi Street	No. 18 Tak Hoi Street. No. 74-90 Chung On Street
6/6/2017	6/6/2017 11:00	6/6/2017 15:30	Near No. 380 Castle Peak Road	No. 380 Castle Peak Road
6/6/2017	6/6/2017 16:10	6/6/2017 23:15	Near No. 115 Hoi Pa Street	No.103-117 Hoi Pa Street, No.4-22 Tsuen Wan Market Street
7/6/2017	7/6/2017 14:25	7/6/2017 16:30	Near Lamp Post W0047 Cheung Shan Estate Road East	Cheung Shan Estate. Shing Mun Valley Park
11/6/2017	14/6/2017 09:00	15/6/2017 09:00	Near No.40 Chai Wan Kok Street	Chai Wan Kok Street
15/6/2017	15/6/2017 14:45	15/6/2017 20:10	Near Lamp Post DC0581 Wo Tik Street	Hau Tei Square, Wo Tik Street Part of San Tsuen Street.
26/6/2017	26/6/2017 09:25	26/6/2017 20:00	Near Lamp Post FC0475 Texaco Road	Texaco Road, Lung Tak Road
28/6/2017	28/6/2017 10:35	28/6/2017 11:35	Near No. 38 Muk Min Ha Tsuen	No. 35-44 Muk Min Ha Tsuen

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
28/6/2017	28/6/2017 16:50	29/6/2017 09:00	Near No. 118 Sam Tung Uk Resite Village	No. 118 Sam Tung Uk Resite Village
30/6/2017	30/6/2017 16:40	30/6/2017 19:00	Back Lane of No. 123 Sam Tung Uk Resite Village	No. 117-124 Sam Tung Uk Resite Village
30/6/2017	1/7/2017 00:10	1/7/2017 15:50	Near Lamp Post AC1471 Tsuen King Circuit	Allway gardens, Tsuen King Circuit, Swimming Pool
28/6/2017	5/7/2017 10:30	5/7/2017 16:00	Near No. 53 Sam Tung Uk Resite Village	No. 49-56 Sam Tung Uk Resite Village
5/7/2017	5/7/2017 14:30	5/7/2017 20:00	Near Lamp Post W4936 Sai Lau Kok Road	No. 64-100 Sai Lau Kok Road
8/7/2017	8/7/2017 18:18	9/7/2017 09:30	Near Lamp Post FC0474 Texaco Road	Part of Texaco Road
9/7/2017	9/7/2017 11:50	9/7/2017 17:04	Back of No. 92 Kwan Mun Hau Tsuen	No. 91-104 Kwan Mun Hau Tsuen
14/7/2017	14/7/2017 09:25	14/7/2017 16:32	Near Lamp Post DC0564 Kin Ming Street	No. 303-313 Castle Peak Road
14/7/2017	14/7/2017 10:30	14/7/2017 17:00	Near Lamp Post FC3243 Pun Shan Street	No. 22-32 Pun Shan Street
22/7/2017	22/7/2017 16:05	22/7/2017 22:00	Near Lamp Post AC1471 Tsuen King Circuit	No. 100 , 145-185 Tsuen King Circuit , Allway Gardens
28/7/2017	28/7/2017 15:30	29/7/2017 03:45	Near Lamp Post FB 5088 Mei Wan Street	Discovery Park
1/8/2017	2/8/2017 10:30	2/8/2017 17:30	Near No. 60 Ham Tin Street	Bo Shek Mansion, No. 12-26 Luen Yuen Street, No. 61-89 Ham Tin Street
2/8/2017	2/8/2017 11:05	2/8/2017 14:30	Near Lamp Post W1520, Kwok Shui Road	Part of Hoi Pa San Tsuen & 168 Kwok Shui Road
7/8/2017	7/8/2017 13:35	7/8/2017 15:30	Near No. 16 Hoi Pa Village	No. 16-21 Hoi Pa Village
8/8/2017	8/8/2017 04:00	9/8/2017 03:00	Near No. 45-53 Sha Tsui Road	No. 29-43 Sha Tsui Road
8/8/2017	8/8/2017 12:45	8/8/2017 16:30	Near No. 117 Hoi Pa Street	No. 103-117 Hoi Pa Street / No. 45-55 Tai Hoi Road
9/8/2017	9/8/2017 16:00	9/8/2017 17:30	Near No. 144 Hoi Pa Street	Tsuen Wan Market
10/8/2017	10/8/2017 16:18	11/8/2017 17:06	Near Lamp Post FB5822 Sai Lau Kok Road	Tsuen Kam Centre, Tsuen Wan Government Offices BuildingPublic Labrary,

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
				Nam Fung Centre, Cheong Lok Building, MTR Station, Luk Yeung Sun Tsuen
12/8/2017	12/8/2017 19:20	13/8/2017 04:00	Near No. 623 Castle Peak Road	No. 520-654 Castle Peak Road, No. 68 Hoi On Road, Yau Lai Road
14/8/2017	14/8/2017 01:15	14/8/2017 16:00	Near No. 68 Sha Tsui Road	No. 26-76 Sha Tsui Road
14/8/2017	14/8/2017 16:30	14/8/2017 23:55	Near No. 4 Chai Wan Kok Street	No. 2-4 Chai Wan Kok Street
17/8/2017	17/8/2017 09:40	17/8/2017 18:00	Near No. 16 Heung Wo Street	No. 2-44 Heung Wo Street, No. 3-47 Tai Pa Street
18/8/2017	18/8/2017 11:00	18/8/2017 12:17	Near Lamp Post AC1986 Tsuen Wan Market Street	No. 115-119 Tsuen Wan Market Street, No. 117 -133 Castle Peak Road
30/8/2017	30/8/2017 10:05	30/8/2017 18:00	Near No. 1-21 Tsuen Fu Street	No. 1-21 Tsuen Fu Street
30/8/2017	30/8/2017 16:00	30/8/2017 18:15	Near No. 92 Kwan Mun Hau Tsuen	No. 92 Kwan Mun Hau Tsuen
5/9/2017	5/9/2017 16:00	5/9/2017 21:00	Near No. 101-117 Chung On Street	No. 68-84 Ho Pui Street, No. 146 Chung On Street, No. 85-99 Yeung Uk Road
9/9/2017	9/9/2017 12:00	10/9/2017 03:00	No. 5 Tai Pa Street	No. 3-7 Tai Pa Street and No. 16-23 Heung Shing Street and No.9-17 Fu Yung Street
10/9/2017	10/9/2017 06:15	10/9/2017 12:10	Near Lamp Post DC1769 Tai Ho Road	Nina Tower Bus Terminus
11/9/2017	11/9/2017 12:30	12/9/2017 09:00	Near Lamp Post DC2196 Castle Peak Road-Tsuen Wan	No. 633 Castle Peak Road
11/9/2017	11/9/2017 15:40	12/9/2017 10:00	Junction of Yeung Uk Road and Tai Ho Road	Vision City
12/9/2017	12/9/2017 10:00	12/9/2017 15:25	Near No. 160 Sha Tsui Road	No. 112-188 Sha Tsui Road and No. 9-63 Heung Wo Street
13/9/2017	13/9/2017 14:40	13/9/2017 17:30	Back Lane of No. 26-30 Tso Kung Square	No. 20-36 Tso Kung Square
14/9/2017	14/9/2017 13:00	14/9/2017 23:00	Near Lamp Post FA5153, Tai Chung	Chai Wan Kok Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
			Road	
15/9/2017	15/9/2017 14:15	15/9/2017 16:30	Near Lamp Post AC3607 Cheung Shan Estate Road East	Cheung Shan Estate
17/9/2017	17/9/2017 06:30	17/9/2017 14:15	Near Lamp Post FA1766 Tsuen Wan Market Street	No. 131-143 Tsuen Wan Market Street
18/9/2017	18/9/2017 17:30	18/9/2017 22:00	Near Lamp Post U7676 Hoi Pa Street	Lo Tak Court and Tsuen Hing Path
19/9/2017	19/9/2017 09:25	19/9/2017 15:20	Near No. 52A Sha Tsui Road	No. 26-76 Sha Tsui Road
21/9/2017	21/9/2017 03:00	21/9/2017 15:00	Near Lamp Post FC3190 Tsuen King Circuit	Kam Fung Garden
23/9/2017	23/9/2017 13:30	23/9/2017 19:30	Near No. 600 Castle Peak Road	Partially of Castle Peak Road,Yau Lai Road
26/9/2017	26/9/2017 19:00	27/9/2017 00:45	Near Lamp Post FB2844 Kwok Shui Road	No. 682-704 Castle Peak Road
7/10/2017	7/10/2017 10:15	7/10/2017 16:00	Near No. 19 Tai Pa Street	No. 9-17 Fu Yung Street, No. 3-47 Tai Pa Street, and No. 2-64 Heung Shing Street
9/10/2017	9/10/2017 10:55	9/10/2017 14:45	Near Lamp Post W1984 Kwok Shui Road	No. 682-690 Castle Peak Road
9/10/2017	9/10/2017 16:16	10/10/2017 06:11	Near Lamp Post AC1254 Tsuen Kwai Street	Wealthy Garden, East Asia Garden
9/10/2017	9/10/2017 19:00	10/10/2017 01:00	Near Lamp Post W4127 Hoi Shing Road	Hoi Shing Road, Hoi Pa Street, Tai Pa Street, Tai Chung Road, Chai Wan Kok Street, Sha Tsui Road, Yuen Tun Circuit, Fu Yung Street
19/10/2017	19/10/2017 13:05	19/10/2017 14:35	Near No. 37 Chung On Street	Chung On Street, Hoi Pa Street, Tai Pei Square
20/10/2017	20/10/2017 10:55	20/10/2017 16:25	Near No. 3-7 Kin Ming Street	No. 3-7 Kin Ming Street
26/10/2017	26/10/2017 10:00	26/10/2017 17:45	Near No. 40-50 Sha Tsui Road	No. 26-76 Sha Tsui Road
28/10/2017	28/10/2017 13:00	28/10/2017 16:00	No. 20-40 Lo Tak Court	Lo Tak Court, Tsuen Hing Path, No.27-101Hoi Pa Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
30/10/2017	30/10/2017 10:25	30/10/2017 11:40	Near No. 43 Ho Pui Tsuen	No. 1-48 Ho Pui Tsuen
2/11/2017	2/11/2017 15:00	2/11/2017 19:10	Near No. 18 Yeung Uk Road	No. 18 Yeung Uk Road
5/11/2017	5/11/2017 12:50	5/11/2017 16:45	Near Lamp Post FC0474 Texaco Road	No. 231 Texaco Road
9/11/2017	9/11/2017 09:30	9/11/2017 11:05	Near No. 89 Tai Ho Road	No. 77-89 Tai Ho Road & No. 24-72 Hau Tei Square
9/11/2017	10/11/2017 10:05	10/11/2017 14:30	No. 2-4 Tso Kung Square	No. 2-32 Hoi Pa Street, No. 2-36 Tso Kung Square, Heung Che Street Market & Refuse Collection Point
12/11/2017	12/11/2017 02:40	12/11/2017 19:25	Near Lamp Post FA5870 Shek Wai Kok Road	Shek Wai Kok Estate
14/11/2017	14/11/2017 09:30	14/11/2017 16:40	Near No. 160 Tsuen Wan Market Street	No. 120-160 Tsuen Wan Market, No.1-17 Tsuen Lok Street
14/11/2017	14/11/2017 20:50	15/11/2017 06:50	Near No. 53 Pak Tin Par Street	Pak Tin Par Street
15/11/2017	15/11/2017 09:40	15/11/2017 14:10	Near No. 115 Hoi Pa Street	No. 103-117 Hoi Pa Street, No. 4-22 Tsuen Wan Market Street
15/11/2017	15/11/2017 18:10	16/11/2017 09:00	Near No.77 Chai Wan Kok Street	No. 77-81 Chai Wan Kok Street.
15/11/2017	15/11/2017 22:00	15/11/2017 23:45	Back of No. 20, Hoi Pa Street	No. 2-32 Hoi Pa Street and No. 2-36 Tso Kung Square, No. 2-6, Tso Kung Street
16/11/2017	16/11/2017 11:30	16/11/2017 23:20	Near No.49-51, Pak Tin Par Street	No. 49-51 Pak Tin Par Street
19/11/2017	19/11/2017 02:50	19/11/2017 19:00	Near Lamp Post FA5867 Shek Wai Kok Road	Part of Shek Wai Kok Estate
20/11/2017	20/11/2017 16:13	20/11/2017 23:41	Near Lamp Post FB3108, Sha Tsui Road	Young Ya Industrial Building, Sheung Chui Court
25/11/2017	25/11/2017 10:30	25/11/2017 13:00	Near Lamp Post W3295 Chai Wan Kok Street	Toilet of Chai Wan Kok Street
15/12/2017	15/12/2017 18:15	15/12/2017 23:32	Near No. 57, Sha Tsui Road	No. 23-57 Sha Tsui Road
19/12/2017	19/12/2017 16:10	20/12/2017 00:30	Near Lamp Post AC0722, Tak Hoi Street	No. 68, Chung On Street

Date	Supply Isolation Time	Supply Resumption Time	Location	Premises Affected
19/12/2017	19/12/2017 23:00	20/12/2017 14:00	Near Back Lane of No. 41, Tak Wah Street	Part of Yan Chai Hospital and Tsuen Wan Catholic Primary School.
23/12/2017	23/12/2017 10:30	23/12/2017 16:44	Near Lamp Post AC1447, Tsuen King Circuit	Part of Tsuen Wan Adventist Hospital.
24/12/2017	24/12/2017 08:21	25/12/2017 09:40	Near No. 34, San Tsuen Street	No.34-58 San Tsuen Street, No.33-37 Ho Pui Street, No.23-33 Wo Tik Street
24/12/2017	24/12/2017 15:00	24/12/2017 15:45	Near Lamp Post FA5845, Wai Tsuen Road	Tsuen Wan Tin Hau Temple Garden

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6120)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

1. Under Programme (1), it is mentioned that the Water Supplies Department (WSD) plans to supply reclaimed water for non-potable purposes in the north-eastern part of the New Territories. What are the daily supply rate, water quality standards, purposes and cost per cubic metre of the reclaimed water in the future?

2. Will the Government conduct more studies on reclaimed water to make the production of it possible and make it suitable for general water uses? If yes, what are the related expenditure? If no, what are the reasons?

Asked by: Hon KWOK Wai-keung (Member Question No. (LegCo use): 44)

Reply:

1. We plan to supply reclaimed water for toilet flushing in the north-eastern part of the New Territories in phases starting with Sheung Shui and Fanling from 2022 onwards. The unit production cost of reclaimed water is estimated to be $6.4 per cubic metre (at 2016-17 price level). The water quality standards of the reclaimed water are at the Annex. The reclaimed water supply in the north-eastern part of the New Territories will be up to 56 000 cubic metres per day.

2. At present, very few places in the world use reclaimed water for direct potable use because most people do not accept drinking reclaimed water. We have conducted a public opinion survey in the pilot scheme for the use of reclaimed water at Ngong Ping which showed that the majority of the public in Hong Kong does not accept the use of reclaimed water for potable use. As such, the reclaimed water supply in the north-eastern part of the New Territories will be for the major non-potable use of toilet flushing. We will also explore other minor uses of reclaimed water such as irrigation, street washing etc.

Annex to SFCQ 6120

Water Quality Standards for Reclaimed Water in Hong Kong
(for non-potable uses, including toilet flushing)

Parameter	**Unit**	**Recommended water quality standards at user end**
E. coli	cfu /100 ml	Non detectable
Total residual chlorine	mg/l	≥ 0.2; and ≥ 1 at exiting treatment system
Dissolved oxygen in reclaimed water	mg/l	≥ 2
Total suspended solids (TSS)	mg/l	≤ 5
Colour	Hazen unit	≤ 20
Turbidity	NTU	≤ 5
pH		6 - 9
Threshold Odour Number (TON)		≤ 100
5-day Biochemical oxygen demand (BOD5)	mg/l	≤ 10
Ammoniacal nitrogen	mg/l as N	≤ 1
Synthetic detergents	mg/l	≤ 5

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6028)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding the tender invitation for construction of the desalination plant at Tseung Kwan O and the laying of associated trunk water mains, please inform this Committee of:

(a) the progress, timetable, staff involved, the estimated and actual expenditures of each work item, as well as the future working plans since the announcement of this desalination plant project in tabular format;

(b) whether there will be cost overrun in this project; if yes, the details and the Government's follow-up actions.

Asked by: Hon KWOK Wing-hang, Dennis (Member Question No. (LegCo use): 148)

Reply:

(a) The progress, timetable, number of staff involved and expenditures for the construction of the desalination plant at Tseung Kwan O and the laying of associated trunk water mains are tabulated below-

1.	**Construction of desalination plant**	**Progress and Timetable**	The consultants engaged for the first stage of the proposed desalination plant at Tseung Kwan O have completed the reference design of the plant. We have prequalified tenderers for the "Design, Build and Operate" contract for the plant in March 2018 and will invite tenders for this contract in due course. We have scheduled to brief members of the Panel on Development of the Legislative Council in April 2018 and seek funding approval of the Finance Committee subsequently with a view to commencing construction of the plant in end 2018 for its commissioning in 2022.

		Number of staff involved	We have engaged consultant to supervise the construction of the desalination plant. The number of staff involved in the administration and supervision of the consultant is five.
		Expenditure	The estimated expenditure for construction of the desalination plant in 2018-19 is $500 million.
2.	**Laying of associated trunk water mains**	**Progress and Timetable**	The works contract for laying the trunk water mains commenced in November 2017 for completion by mid-2022. The contractor is procuring pipe materials and excavating trial pits along the pipe alignment on site.
		Number of staff involved	The number of staff involved in the administration and supervision of the works contract for laying the trunk water mains is 15.
		Expenditure	The actual expenditure in 2017-18 and the estimated expenditure in 2018-19 for laying the trunk water mains are $4.5 million and $60 million respectively.

(b) We do not anticipate any cost overrun for the project.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 4164)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution, (2) Water Quality Control, (3) Customer Services

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding the provision of sign language interpretation services in the past 5 years, will the Government inform this Committee of the following:

1. whether the sign language interpretation service was provided; if yes, the frequency, occasions and causes for providing sign language interpretation services in each year;

2. subsequent to the last question, the number of sign language interpreters involved in each year, their pay and the organisations to which they belong; and

3. whether the Government will consider allocating more resources to improve the services for communicating with the deaf and/or persons with hearing impairment in future. If yes, what are the details (including measures, manpower and expenditure involved and timetable, etc.)? If no, what are the reasons?

Asked by: Hon LEUNG Yiu-chung (Member Question No. (LegCo use): 103)

Reply:

The Water Supplies Department currently does not provide sign language interpretation services. We will continue to monitor the need for such services and consider allocating the necessary resources based on the actual situation.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 6130)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Regarding the water quality control by the Water Supplies Department (WSD), please inform this Committee of:

1) the respective number of complaints made by citizens about the odour in drinking water in the 18 districts received in the past 3 years, in tabular format;

2) when the WSD receives a complaint from a citizen about the odour in drinking water, whether there is a mechanism to handle the complaint; if yes, the details;

3) whether there is a remedial mechanism when it is confirmed that there is an odour in drinking water by the WSD; if yes, the details, and the mechanism for releasing the latest information.

Asked by: Hon MAK Mei-kuen, Alice (Member Question No. (LegCo use): 59)

Reply:

1) The Water Supplies Department (WSD) does not maintain specific records on complaints related to odour in drinking water. Instead, the WSD has grouped complaint figures on odour and/or taste of drinking water together in maintaining the department's complaint statistics and such complaint figures in 2015, 2016 and 2017 are tabulated below:-

District	**2015**	**2016**	**2017**
Central & Western	25	29	20
Eastern	34	33	40
Islands	10	0	0
Southern	0	5	6
Wan Chai	17	9	7

Kowloon City	10	18	13
Kwun Tong	6	10	7
Sham Shui Po	13	22	17
Wong Tai Sin	4	8	6
Yau Tsim Mong	28	47	34
North	6	18	4
Sai Kung	6	22	14
Sha Tin	12	22	14
Tai Po	6	10	11
Kwai Tsing	25	23	64
Tuen Mun	3	17	11
Tsuen Wan	0	0	15
Yuen Long	5	0	0
Total	**210**	**293**	**283**

Most of the complaints tabulated above are isolated cases and related to the maintenance of inside services.

2 &3) When a complaint on taste/odour of drinking water is received, the WSD will carry out timely site inspection to investigate the complaint and arrange collection of water samples for laboratory testing if necessary. If the problem is due to the inside service, the WSD will provide technical advice to the management office/owners corporation on the appropriate actions to be taken to clean up the inside service. If the problem is due to the Government's water supply system, the WSD will take appropriate rectification action and provide emergency temporary water supply for the affected customers if necessary, and at the same time provide assistance deemed necessary to the management office/owners corporation including the technical advice as mentioned above. In this regard, the WSD issued in January 2018 guidelines to the management offices on actions to be taken in the event of water quality incidents. In respect of the mechanism for releasing the latest information about incidents related to taste/odour of drinking water, the Public Relation Unit of the WSD will respond to enquiries and issue press release where necessary in a timely manner to keep the affected customers and the media informed of the latest situation of the incidents. Also, the WSD's Customer Telephone Enquiry Centre (Tel: 2824 5000) will be provided with the updated situation of the incidents and the emergency temporary water supply arrangement, if any, for responding to enquiries from the general public.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5880)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The aim of the Water Supplies Department is to plan and develop water resources and to design, construct, maintain and operate water supply systems in order to provide round-the-clock supplies throughout the year to meet the demands of the territory. However, there is frequent occurrence of bursting of old fresh water mains aged over 20 to 30 years in many developed areas in Hong Kong due to the ageing problem, causing road subsidence and flooding, and in turn resulting in disruptions to the traffic and damages to the property of the public. In this regard, please provide the details of the bursting of fresh water mains and salt water mains for flushing in the past 3 years using the table below.

Date and time	Location	Duration (hours)	Type of pipe (fresh water / salt water for flushing)	Age of water mains	Are there any claims made by the public / commercial tenants due to main bursting; if yes, what is the amount of claims?	Estimated date of next comprehensive replacement of the pipes involved

Asked by: Hon MO Claudia (Member Question No. (LegCo use): 72)

Reply:

There were 145, 116 and 88 water main burst cases in 2015, 2016 and 2017 respectively. Details of these 349 cases are tabulated in **Appendices I and II** respectively for fresh and salt water main bursts.

Among these cases, 169 cases were fresh water main bursts while the remaining 180 cases were salt water main bursts. There were 31 cases with fresh water supply interrupted for more than eight hours and 29 cases with the traffic at Red/Pink routes affected.

There were 242 cases with age of water mains over 30 years and 80 cases between 15 years and 30 years. Regarding the remaining 27 cases with age of water mains of less than 15 years, the main causes were due to corrosion of salt water mains and damage by others.

We have received 13 claims for damages due to the above burst cases. There is one case still under investigation with a claimed amount of about $28,000. The remaining 12 claims were found not justified after investigation.

The defective part of the burst mains were replaced immediately during emergency repair. Out of the 349 main burst cases, there were 150 cases with the relevant section of water mains subsequently replaced or rehabilitated, and 69 cases required no further action as they were either damaged by others or considered as isolated incidents. For the remaining 130 cases, we will adopt a risk-based assessment approach to determine the necessary improvement works including reprovisioning so as to sustain the healthiness of the water supply networks. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains taking into account various factors such as population and customers served, location, material, age, failure record, pipe size, etc.

Appendix I

Fresh Water Main Bursts

(2015 to 2017)

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
1	14/1/2015 8:25	No. 26 Des Voeux Road Central	Not affected	Unknown
2	16/1/2015 17:20	San Wan Road near Light Pole No. N3107, Fanling	Not affected	Unknown
3	17/1/2015 18:36	Castle Peak Road near Light Pole No. Ad6135, Sheung Shui	7.0	31.6
4	22/1/2015 16:24	Kwun Fat Street near Fire Hydrant No. Ph10493	6.6	12.0
5	23/1/2015 6:51	Tsing Yi Road near Light Pole No. Ac0779, Tsing Yi	11.0	Unknown
6	23/1/2015 11:39	No. 36C Siu Lek Yuen Road, Sha Tin	Not affected	25.6
7	31/1/2015 18:22	No. 106 King Fuk Street	Not affected	Unknown
8	9/2/2015 7:13	Des Voeux Road West near Eastern Street, Sai Ying Pun	Not affected	Unknown
9	13/2/2015 3:27	Sheung Sze Wan Road near Clear Water Bay Road, Sai Kung	7.0	Unknown
10	13/2/2015 7:45	No. 1 Waterloo Road	11.9	Unknown
11	24/2/2015 8:39	Container Port Road near Light Pole No. Fc1374, Kwai Chung	Not affected	Unknown
12	2/3/2015 13:50	Wang Yip Street West, Yuen Long	Not affected	20.0
13	5/3/2015 16:12	Tuen Hi Road near Fire Hydrant No. Ph2286	5.6	Unknown
14	9/3/2015 13:51	Container Port Road near Light Pole No. Fc1379, Kwai Chung	Not affected	Unknown
15	23/3/2015 13:29	No. 1-3 Ting Kok Road, Tai Po	11.7	34.8
16	27/3/2015 2:54	Hop Choi Street near Light Pole No. U8546, Yuen Long	6.8	Unknown
17	3/4/2015 12:22	Tin Sam Street, Sha Tin	Not affected	32.0
18	6/4/2015 15:18	Science Museum Road	8.0	Unknown
19	11/4/2015 14:03	No. 23 Hang Hau Wing Lung Road, Tseung Kwan O	7.0	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
20	18/4/2015 0:20	Fung Cheung Road near Hop Yick Road, Yuen Long	10.0	Unknown
21	1/5/2015 8:53	Chung Mei Road near Light Pole No. U7277, Tsing Yi	8.8	Unknown
22	15/5/2015 2:43	Chung Mei Road near Light Pole No. U7279, Tsing Yi	15.8	Unknown
23	21/5/2015 20:06	Castle Peak Road near Light Pole No. Fc2623, Tsuen Wan	7.0	Unknown
24	28/5/2015 6:37	No. 48 MacDonnell Road, Central	8.0	Unknown
25	29/5/2015 22:17	Mong Kok Road near Tong Mi Road	Not affected	Unknown
26	5/6/2015 9:16	Near 188 Kwai Shing Circuit, Kwai Chung	3.5	Unknown
27	7/6/2015 18:02	Wai Yip Street near Sheung Yee Road	Not affected	31.0
28	10/6/2015 7:07	Kam Tin Road near Kam Tin Mung Yeung Public School, Yuen Long	6.4	Unknown
29	11/6/2015 9:51	Ping Che Road near Light Pole No. EB4893, Fanling	12.6	28.0
30	13/6/2015 8:36	Junction of Science Museum Road and Granville Road	3.6	Unknown
31	13/6/2015 18:30	Ping Che Road near Light Pole EB4893, Fanling	22.8	28.0
32	14/6/2015 19:00	Man Wo House, Wo Che Estate, Sha Tin	Not affected	33.0
33	18/6/2015 18:01	No. 111A, Argyle Street	Not affected	Unknown
34	19/6/2015 4:30	No. 31 Au Pui Wan Street, Fo Tan	5.7	Unknown
35	27/6/2015 15:34	Tai Po Tsai Village near Light Pole No. Eb4656, Tseung Kwan O	2.6	43.0
36	1/7/2015 21:03	Wang Kwong Road near Sheung Yuet Road	Not affected	Unknown
37	8/7/2015 19:08	No.44 Tanner Road	6.9	Unknown
38	26/7/2015 8:39	Shek Ku Street near Perth Street	6.9	Unknown
39	6/8/2015 6:10	No. 289 Queen's Road West	Not affected	Unknown
40	11/8/2015 4:32	Junction of Mong Kok Road and Canton Road	Not affected	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
41	11/8/2015 11:00	No.63 Sai Wan Ho Street	1.7	Unknown
42	23/8/2015 1:19	Footpath near Garden Rivera Block E and F, Sha Tin	Not affected	31.2
43	3/9/2015 3:02	Kwai Lok Street near Light Pole No. Fc4678, Kwai Chung	Not affected	Unknown
44	4/9/2015 10:55	No. 20 Good Shepherd Street	7.5	Unknown
45	11/9/2015 15:44	Ting Kok Road near Light Pole No. Eb0387	6.7	35.2
46	11/9/2015 23:59	Chi Kiang Street near Lung Tak Street	17.5	Unknown
47	23/9/2015 5:09	No. 22 Chi Kiang Street	7.7	Unknown
48	25/9/2015 14:04	Construction Site near King Fuk Street	11.7	5.0
49	26/9/2015 12:07	No. 16 Shouson Hill Road, Shouson Hill	4.8	33.0
50	2/10/2015 3:29	Hop Yick Road near Light Pole No. FB4339, Yuen Long.	Not affected	Unknown
51	6/10/2015 23:08	Queen Mary Hospital, Pok Fu Lam	4.6	8.0
52	12/10/2015 14:07	Lung Sum Avenue near Light Pole DD0387	2.2	5.9
53	12/10/2015 21:23	No. 22 Good Shepherd Street	5.2	Unknown
54	14/10/2015 4:46	No. 30 Good Shepherd Street	9.8	Unknown
55	16/10/2015 14:56	Mui Wo Ferry Pier Road near Light Pole No. SM0131, Mui Wo	3.0	19.0
56	17/10/2015 10:14	Mui Wo Ferry Pier Road near Light Pole No. FB2463, Mui Wo	4.8	Unknown
57	9/11/2015 20:27	Fu Ning Street near Shing Tak Street	3.1	Unknown
58	11/11/2015 14:59	Shun Hing Street near Light Pole No. EA3253, Sha Tau Kok	6.0	Unknown
59	25/11/2015 20:23	Mui Wo Ferry Pier Road near Light Pole No. FB2464, Mui Wo	24.3	Unknown
60	26/11/2015 9:54	Backlane of No. 256 Tung Chau Street	2.7	Unknown
61	27/11/2015	Tsing Yi Heung Sze Wui Road,	4.9	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
	14:57	Tsing Yi		
62	4/12/2015 22:06	Hiram's Highway near Light Pole No. Ea9639	3.7	43.5
63	8/12/2015 18:01	Cha Kwo Ling Road near Fan Wa Street	Not affected	Unknown
64	12/12/2015 14:05	Sha Tau Kok Road near Light Pole No. Cd1856	Not affected	Unknown
65	14/12/2015 5:39	Hop Yick Road near Light Pole No. Fb4340, Yuen Long	7.6	Unknown
66	16/12/2015 13:11	Chung Hau Street, Ho Man Tin	Not affected	Unknown
67	16/12/2015 17:49	Tuen Mun Heung Sze Wui Road near Light Pole No. H0913	7.6	36.0
68	18/12/2015 13:23	Kwong Fuk Square, Tai Po	1.7	Unknown
69	26/12/2015 11:25	Junction of Ngan Shing Street and Tak Wing Street, Sha Tin	Not affected	Unknown
70	2/1/2016 13:10	No. 70 Ma Tau Wai Road	6.4	Unknown
71	9/1/2016 9:21	Canton Road near Saigon Street	7.0	Unknown
72	15/1/2016 19:43	Near Chung Hau Tsuen Public Toilet, Mui Wo	6.0	20.0
73	16/1/2016 6:29	Near Chung Hau Tsuen Public Toilet, Mui Wo	9.7	20.0
74	18/1/2016 7:10	Wang Lee Street near Light Pole No. Fa8671,Wang Chau,Yuen Long	7.2	34.0
75	20/1/2016 13:02	No. 190 Hollywood Road	5.5	Unknown
76	21/1/2016 2:12	Mei Tin Road, Tai Wai	Not affected	7.1
77	21/1/2016 10:16	Mui Wo Ferry Pier Road, Mui Wo, Lantau	12.5	Unknown
78	24/1/2016 6:06	No. 2-28 Kwai Lok Street, Kwai Chung	Not affected	Unknown
79	26/1/2016 9:12	No. 64 Nam Wan San Tsuen, Peng Chau	Not affected	12.0
80	28/1/2016 7:08	Wan Hoi Street near Tai Wan Shan Swimming Pool	9.3	Unknown
81	19/2/2016 14:06	Junction of Che Kung Miu Road and Sha Tin Tau Road	6.9	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
82	29/2/2016 4:44	Belcher's Street near Sai Cheung Street	Not affected	Unknown
83	29/2/2016 8:26	Yau Shin Street near Light Pole No. Ad6826, Au Tau, Yuen Long	Not affected	Unknown
84	7/3/2016 14:27	No. 21 Kwai Tei New Village, Fo Tan	3.4	18.7
85	15/3/2016 10:39	Olympic Garden, Kowloon City	Not affected	5.0
86	15/3/2016 23:50	No. 47-49 Ma Tau Wai Road	5.4	Unknown
87	17/3/2016 13:56	Ngan Kwong Wan Road near Light Pole No. Dc0170, Mui Wo	13.5	Unknown
88	31/3/2016 10:47	Kwai Tei New Village, Fo Tan	3.0	19.0
89	15/4/2016 17:00	King's Road near Light Pole No. 43497	Not affected	4.0
90	19/4/2016 8:04	Wang Chiu Road near Kai Lai Road	6.9	32.0
91	19/4/2016 12:48	Wang Yip Street West near Light Pole No. Ad9143,Yuen Long	Not affected	Unknown
92	25/4/2016 17:10	No. 148 Electric Road	Not affected	Unknown
93	26/4/2016 7:16	Clear Water Bay Road near Tseng Lan Shue	Not affected	33.9
94	26/4/2016 10:04	No.104 Kat Hing Back Street, Tai O	2.2	15.0
95	28/4/2016 13:05	No. 1-35, Tai Wai Road, Sha Tin	Not affected	33.0
96	5/5/2016 11:39	Sai Ching Street near Fire Hydrant No. Ph2962, Yuen Long	7.8	34.0
97	5/5/2016 15:29	Fantasy Road near Light Pole No. Dc0907, HK Disneyland, Lantau	Not affected	12.0
98	18/5/2016 7:35	Sheung Yee Road near Wai Yip Street	5.7	Unknown
99	22/5/2016 10:16	Fung Cheung Road, Yuen Long	Not affected	Unknown
100	22/5/2016 13:33	Kan Tau Tsuen near Light Pole No. Eb3081, Fanling	16.1	Unknown
101	5/6/2016	Ma Tau Chung Road	Not affected	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
	6:52			
102	9/6/2016 0:50	City Garden Road near Fire Hydrant No. 1473	11.8	Unknown
103	10/6/2016 6:59	Container Port Road near Light Pole No. Fc1390, Kwai Chung	Not affected	Unknown
104	11/6/2016 17:26	Shek Pai Tau Road near Light Pole No. Dd0958	13.1	Unknown
105	15/6/2016 5:49	On Po Road near Light Pole No. Eb3779, Tai Po	12.9	Unknown
106	16/6/2016 17:49	Lung Mun Road near Ho Wan Street	Not affected	35.0
107	20/7/2016 7:02	Tsuen Wah Street near Light Pole No. Ac1720,Tsuen Wan	Not affected	Unknown
108	26/7/2016 16:50	Near Tung Chung Pipe Bridge, Tung Chung, Lantau	6.0	19.0
109	27/7/2016 11:57	Ngan Kwong Wan Road near Fire Hydrant No. Ph68, Mui Wo	7.0	33.0
110	1/8/2016 7:04	Hop Yick Road near Light Pole No. Fb4340, Yuen Long	Not affected	25.0
111	3/8/2016 11:38	No. 222-224 Sai Lau Kok Road, Tsuen Wan	Not affected	36.0
112	8/8/2016 11:50	City Garden Road near Light Pole No. 44594	2.0	32.0
113	11/8/2016 3:48	Kung Um Road near Light Pole No. Dd1155, Yuen Long	Not affected	Unknown
114	14/8/2016 9:20	Java Road	Not affected	Unknown
115	22/8/2016 6:26	Science Museum Road near Mody Road	Not affected	Unknown
116	23/8/2016 11:06	Junction of Ma Kok Lane and Lung Tak Street, Tsuen Wan	Not affected	Unknown
117	1/9/2016 9:35	No. 2-4 Greig Road	5.7	Unknown
118	7/9/2016 6:51	Kwai Yan Road near Kwai Chung Plaza, Kwai Chung	10.3	Unknown
119	13/9/2016 16:53	No. 163 Hai Tan Street	Not affected	12.0
120	13/9/2016 18:06	No. 180 Pok Fu Lam Road, Pok Fu Lam	7.1	Unknown
121	19/9/2016 10:35	Man Yue Street near Ma Tau Wai Road	Not affected	30.0
122	20/9/2016	Hong Lee Road near Kung Lok	Not affected	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
	3:09	Road		
123	20/9/2016 6:28	No. 8 Leung Yip Street, Yuen Long	7.8	Unknown
124	30/9/2016 10:13	Aberdeen Praya Road near Light Pole No. 41995, Aberdeen	3.9	4.0
125	6/10/2016 12:05	Ngai Shing Street near Light Pole No. N0304	Not affected	Unknown
126	13/10/2016 7:14	Wan Po Road near Light Pole No. Cr1407, Tseung Kwan O	12.3	28.4
127	25/10/2016 5:44	Wong Nai Chung Road	7.0	Unknown
128	8/11/2016 2:37	Arsenal Street	6.9	Unknown
129	14/11/2016 0:15	Mody Road near Kowloon Shangri-La Hotel	6.5	Unknown
130	16/11/2016 23:24	Mody Road near Kowloon Shangri-La Hotel	6.6	Unknown
131	2/12/2016 20:06	No. 98-102 Babington Path, Sai Wan	9.1	Unknown
132	9/12/2016 4:57	No. 44 Yiu Wa Street	Not affected	Unknown
133	23/12/2016 10:34	Lee Nam Road near Light Pole No. 35329, Aberdeen	4.1	22.0
134	4/1/2017 7:38	Ting Kok Road near Light Pole No. EB0388	Not affected	36.5
135	5/2/2017 20:55	Jordan Road near Parkes Street	Not affected	Unknown
136	15/2/2017 5:18	Johnston Road near Fenwick Street	Not affected	Unknown
137	27/2/2017 10:40	No.8 Wharf Road, North Point	4.9	35.0
138	27/2/2017 15:50	No. 3 Comfort Terrace, North Point	2.2	Unknown
139	1/3/2017 15:45	Victoria Park Road	Not affected	11.0
140	2/3/2017 4:55	No.2, Lei Muk Road, Kwai Chung	26.1	Unknown
141	3/3/2017 0:49	Po Yip Street near Light Pole No. H2018,Yuen Long	10.0	Unknown
142	16/3/2017 6:15	No.1 Java Road	7.9	0.0
143	18/3/2017	Cheung Hong Street junction	7.8	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
	4:32	King's Road		
144	13/4/2017 11:20	No. 348-350 Lockhart Road	0.5	Unknown
145	19/4/2017 15:14	Castle Peak Road near Light Pole No. AC0206, Tsuen Wan	Not affected	27.0
146	20/4/2017 4:38	Tsuen Wan Market Street near Light Pole No. W3073, Tsuen Wan	2.2	48.0
147	23/4/2017 6:34	South Lantau Road near Light Pole No. FB4594, Lantau	26.0	32.0
148	24/4/2017 4:07	Yun Ping Road near Light Pole No. 47494	5.7	Unknown
149	19/5/2017 13:30	Tsing Yi North High Level Fresh Water and Salt Water Pumping Station, Tsing Yi	8.5	35.0
150	26/5/2017 21:27	Tsung Tau Ha Road near Light Pole No. ST1266, Fo Tan	6.1	Unknown
151	14/6/2017 15:45	Victoria Park Road near Light Pole No. 45258	Not affected	11.0
152	15/6/2017 4:47	Cheung Shun Street near Cheung Sha Wan Cooked Food Stall	3.5	Unknown
153	28/6/2017 4:43	Opposite of No. 6 Fenwick Street	4.9	Unknown
154	13/7/2017 2:14	Butterfly Valley Road near Lai Chi Kok Reception Centre	12.0	Unknown
155	14/7/2017 13:25	Harbour Road near Light Pole No. 27310	7.0	32.0
156	23/7/2017 1:11	Container Port Road near Light Pole No. FC1379, Kwai Chung	Not affected	Unknown
157	7/8/2017 16:04	Mai Po Lung near Light Pole No. FA8235, San Tin, Yuen Long	5.3	28.0
158	31/8/2017 1:36	Backlane of No.94 Lockhart Road	3.8	Unknown
159	16/9/2017 23:53	Exit D, Fo Tan MTR Station	6.3	Unknown
160	15/10/2017 12:06	Ma Tin Road near Light Pole No. FB5828, Yuen Long	13.3	Unknown
161	25/10/2017 6:06	Nam Long Shan Road near Light Pole No. 40486, Aberdeen	Not affected	Unknown
162	14/11/2017 12:15	No.1-11, Kwai Hei Street, Kwai Chung	29.4	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
163	21/11/2017 0:14	No. 60 Pok Fu Lam Road, Western	13.0	Unknown
164	22/11/2017 13:54	Keung Shan near Keung Shan Raw Water Break Pressure Tank, Lantau	3.4	10.0
165	2/12/2017 8:08	No. 26 Po Tung Road, Sai Kung	4.7	Unknown
166	14/12/2017 11:22	Ta Chuen Ping Street near Light Pole No. FB2908, Kwai Chung	Not affected	Unknown
167	17/12/2017 5:40	Queen Street junction Des Voeux Road West	Not affected	Unknown
168	19/12/2017 1:36	Nga Tsin Wai Road near Nam Kok Road, Kowloon City	Not affected	Unknown
169	27/12/2017 6:32	Water Street near Connaught Road West	Not affected	Unknown

Note 1: "Unknown" denotes no record of age of the water main. The year of completion was not incorporated in WSD's water mains record in the past until early eighties. Hence, the age of these water mains will likely be over 30 years.

Appendix II

Salt Water Main Bursts
(2015 to 2017)

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
1	3/1/2015 7:05	On Po Road near Light Pole No. N6671, Tai Po	23.9	29.5
2	3/1/2015 13:50	No. 48 Mody Road	6.8	6.0
3	6/1/2015 5:42	No. 39 Mong Kok Road	20.2	Unknown
4	14/1/2015 3:41	Pak Hoi Street near Canton Road	25.4	32.0
5	14/1/2015 6:49	Near No.11 Tsing Yi Heung Sze Wui Road, Tsing Yi	Not affected	20.0
6	15/1/2015 5:28	Choi Hung Road near Rhythm Garden	16.7	Unknown
7	23/1/2015 14:08	No. 31-32 Chui Yi Street, Tai Po	15.9	28.6
8	27/1/2015 19:25	Aberdeen Main Road near Light Pole No. 26718, Aberdeen	7.3	25.0
9	29/1/2015 6:54	Connaught Road Central near Gilman Street, Central	19.5	Unknown
10	5/2/2015 6:19	Tsun Wen Road near Light Pole No. Fb9415	11.5	Unknown
11	9/2/2015 3:52	Canton Road near Haiphong Road	16.8	38.0
12	13/2/2015 7:43	No. 1 Waterloo Road	14.2	Unknown
13	24/2/2015 8:32	No.51 Container Port Road, Kwai Chung	20.0	Unknown
14	28/2/2015 4:29	Tolo Highway, Shatin	27.0	30.7
15	28/2/2015 8:12	No. 85 Wo Tong Tsui Street, Kwai Chung	14.8	14.0
16	9/3/2015 13:51	Container Port Road near Light Pole No. Fc1379, Kwai Chung	10.0	Unknown
17	9/3/2015 16:31	Mau Yip Road near Light Pole No. Eb0222, Tseung Kwan O	6.6	21.7
18	17/3/2015 5:12	Tai Yau Street near Ng Fon Street	Not affected	Unknown
19	28/3/2015	Hong Ning Road near Wo	7.3	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
	0:34	Hong Path		
20	28/3/2015 5:43	No. 1-7 Man Cheong Street	Not affected	Unknown
21	31/3/2015 18:37	No. 22 Yuk Yat Street	22.2	Unknown
22	1/4/2015 11:29	Kam Wa Street near Light Pole No. 34958	4.0	21.0
23	6/4/2015 11:46	Bulkeley Street near Gillies Avenue South	11.3	Unknown
24	6/4/2015 14:12	Bulkeley Street near Marsh Street	9.9	Unknown
25	11/4/2015 5:50	Cheung Sha Wan Road near Un Chau Estate	8.6	Unknown
26	18/4/2015 14:48	No. 104 Connaught Road West, Central	Not affected	17.0
27	22/4/2015 2:48	Hong Ning Road near Kung Lok Road	19.3	Unknown
28	29/4/2015 9:59	No. 75 Lok Shan Road	43.8	16.0
29	10/5/2015 19:10	Fat Kwong Street near Sheung Foo Street	20.8	15.0
30	21/5/2015 11:19	No. 8 Wyndham Street, Central	8.5	21.0
31	26/5/2015 6:49	Choi Hung Road near Shatin Pass Road	21.4	Unknown
32	1/6/2015 22:16	No. 1 Tai Wing Avenue	7.0	Unknown
33	4/6/2015 16:20	Junction of Sha Tsui Road & Chung On Street, Tsuen Wan	Not affected	Unknown
34	7/6/2015 12:43	Wai Yip Street Near Siu Yip Street	Not affected	Unknown
35	10/6/2015 20:55	Kai Cheung Road near Wang Kwong Road	Not affected	32.0
36	13/6/2015 7:27	Junction of Science Museum Road and Granville Road	11.4	Unknown
37	23/6/2015 10:50	Luard Road near Light Pole No. 24508	12.8	28.0
38	25/6/2015 14:48	Ma Tau Chung Road near Mok Cheong Street	13.9	16.0
39	30/6/2015 11:27	Tsui Lam Road near Hong Sing Gardens, Tseung Kwan O	4.8	26.0
40	3/7/2015	Mody Road near Chatham	20.3	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
	4:08	Road South		
41	4/7/2015 8:40	Plover Cove Road near Light Pole No. 6022, Tai Po	9.0	32.0
42	4/7/2015 14:24	Sun Sing Street near Shau Kei Wan Road	11.9	Unknown
43	8/7/2015 19:37	Backlane of No. 5-9 Tsz Wah Lane	4.3	7.0
44	16/7/2015 14:07	Lung Tak Street near Light Pole No. FC3727, Tsuen Wan	13.2	Unknown
45	17/7/2015 14:56	Plover Cove Road near Kwong Fuk Football Ground, Tai Po	Not affected	32.0
46	17/7/2015 16:40	Sai Wan Ho Street near Light Pole No. 44793	Not affected	22.0
47	18/7/2015 22:12	Bulkeley Street near Kun Yam Street	Not affected	Unknown
48	19/7/2015 5:44	No. 69C Waterloo Road	6.3	Unknown
49	25/7/2015 12:51	Ting Kok Road near Light Pole No. EB0396, Tai Po	11.3	29.1
50	30/7/2015 2:37	Junction Road near Carpenter Road	20.5	Unknown
51	1/8/2015 13:10	Junction of Argyle Street and Sai Yee Street	11.3	Unknown
52	6/9/2015 1:03	Tsing Wun Road near Light Pole No. Fc3773	20.3	34.0
53	9/9/2015 17:25	Hiu Kwong Street near Bus Terminus	Not affected	Unknown
54	17/9/2015 4:01	Wui Cheung Road near Canton Road	44.3	17.0
55	21/9/2015 8:56	Junction of Canton Road and Wui Cheung Road	15.6	30.0
56	24/9/2015 16:16	Ting Kok Road near Light Pole No. EB5685,Tai Po	5.1	19.0
57	29/9/2015 19:38	Bulkeley Street near Whampoa Street	Not affected	Unknown
58	2/10/2015 8:05	Hung Luen Road near Kin Wan Street	14.2	14.0
59	7/10/2015 12:01	Serenity Park near Light Pole No. EA7243,Tai Po	42.6	28.0
60	17/10/2015 15:31	Texaco Road near Light Pole No. Fb1805, Kwai Chung	12.0	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
61	21/10/2015 16:02	Yuen Shin Park near Light Pole No. Ea8044, Tai Po	30.0	27.3
62	29/10/2015 2:32	San Shan Road near Pak Tai Street	8.8	Unknown
63	4/11/2015 2:23	Tai Kwai Street near Light Pole No. M7479, Tai Po	12.7	29.4
64	4/11/2015 20:06	No. 33C Portland Street	Not affected	Unknown
65	8/11/2015 5:10	Castle Peak Road near Tuen Hing Road	18.4	19.0
66	9/11/2015 4:10	Fu Ning Street near Shing Tak Street	11.5	Unknown
67	14/11/2015 10:35	Dai Fuk Street near Light Pole No. Eb5685, Tai Po	21.8	19.0
68	15/11/2015 10:46	Kwai Fuk Road near Light Pole No. Dc0100, Kwai Chung	Not affected	Unknown
69	24/11/2015 14:45	Ting Kok Road near Light Pole No. Eb2815, Tai Po	54.0	27.4
70	7/12/2015 15:59	Sha Tin Wai Road near Sha Kok Street, Sha Tin	7.6	33.5
71	8/12/2015 1:31	Lai Chi Kok Road near Tonkin Street.	Not affected	27.0
72	9/12/2015 14:13	Ting Kok Road near Light Pole No. Be1883, Tai Po	Not affected	22.6
73	14/12/2015 18:06	No. 90 Kung Lok Road	5.2	16.0
74	15/12/2015 3:34	Woh Chai Street near Nam Cheong Street	9.0	Unknown
75	16/12/2015 15:52	Nga Tsin Long Road near Nga Tsin Wai Road	34.0	Unknown
76	29/12/2015 7:17	Shan King Estate near King On House	11.0	8.0
77	5/1/2016 0:42	Tak On House, Tsueng Kwan O	13.0	25.5
78	13/1/2016 3:25	Lai Yip Street near Hoi Bun Road	29.0	Unknown
79	19/1/2016 13:06	Hiu Kwong Street near Hiu Lai Court	15.9	34.0
80	20/1/2016 5:19	Plover Cove Road, Tai Po	13.6	27.0
81	26/1/2016 4:03	Hip Wo Street near Hiu Kwong Street	77.3	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
82	28/1/2016 17:26	Tai Po Road near Berwick Street Sitting Out Area	Not affected	Unknown
83	29/1/2016 12:54	Fat Kwong Street near Yan Man House	12.0	Unknown
84	31/1/2016 15:20	Fu Ning Street near Shing Tak Street	40.3	17.0
85	1/2/2016 8:28	Yeung Uk Road near Texaco Road, Kwai Chung	16.6	Unknown
86	3/2/2016 3:12	Hiu Kwong Street near Hiu Lai Court	29.4	20.0
87	5/2/2016 8:21	Yau Ma Tei Public Cargo Working Area, Hoi Fai Road	7.8	23.0
88	11/2/2016 12:55	Hoi Bun Road near Lai Yip Street	40.8	22.0
89	20/2/2016 3:37	Lok Shan Road near Mei King Street	Not affected	17.0
90	20/2/2016 13:59	Ngan Shing Street near Tak Wing Street, Sha Tin	Not affected	Unknown
91	27/2/2016 16:46	No. 81 Bulkeley Street	Not affected	28.0
92	1/3/2016 22:33	Wo Yi Hop Road near Light Pole No. Fa9987, Kwai Chung	6.4	19.0
93	9/3/2016 13:24	Sau Mau Ping Salt Water Pumping Station	Not affected	Unknown
94	12/3/2016 3:15	To Kwa Wan Road near San Ma Tau Street	12.8	Unknown
95	18/3/2016 2:29	Wo Yi Hop Road near Light Pole No. Cc1224, Kwai Chung	26.2	Unknown
96	23/3/2016 6:27	No.71-81 Container Port Road, Kwai Chung	7.6	Unknown
97	31/3/2016 2:31	Jaffe Road near Light Pole No. 24537	5.8	26.0
98	7/4/2016 15:23	Site of Kwong Lee Road near Fat Tseung Street	3.8	Unknown
99	12/4/2016 3:55	To Kwa Wan Road near Lok Shan Road	9.8	Unknown
100	12/5/2016 11:38	Nam Wan Road near Light Pole No. Ce1876	Not affected	9.9
101	15/5/2016 12:39	Junction of Hip Wo Street and Hiu Kwong Street	9.5	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
102	24/5/2016 10:33	Kwok Shui Road near Light Pole No. W1531, Tsuen Wan	12.3	36.0
103	28/5/2016 13:32	Kai Cheung Road near Wang Kwong Road	Not affected	Unknown
104	12/6/2016 6:02	Lei Muk Road near Light Pole No. Fb2948, Kwai Chung	Not affected	24.0
105	16/6/2016 4:20	Yeung Uk Road near Light Pole No. Dc1786,Tsuen Wan	46.7	21.0
106	22/6/2016 0:17	Ting Kok Road near Light Pole No. De0068, Tai Po	20.9	23.0
107	24/6/2016 12:36	Po Heung Street, Tai Po	15.5	33.0
108	4/7/2016 3:23	No. 14-18 Austin Avenue	43.8	Unknown
109	18/7/2016 12:24	Princess Margaret Road near Pui Ching Road	45.3	Unknown
110	2/8/2016 6:35	Tsing Luk Street near Light Pole No. Fc2256, Tsing Yi	12.1	28.0
111	4/8/2016 14:34	Junction of Nam Wan Road and Tat Wan Road	16.5	28.0
112	7/8/2016 15:08	No.2 Shing Mun Road, Tsuen Wan	5.3	8.0
113	8/8/2016 13:15	Electric Road near Light Pole No. 45115	2.6	Unknown
114	7/9/2016 6:51	Kwai Yan Road near Kwai Fong MTR Station, Kwai Chung	37.3	Unknown
115	5/10/2016 14:11	Junction of Ma On Shan Road and Sai Sha Road, Ma On Shan	14.4	28.0
116	13/10/2016 5:27	Sai Sha Road near Light Pole No. Be3462, Mo On Shan	14.4	27.0
117	18/10/2016 18:04	No. 54 Waterloo Road	10.7	Unknown
118	20/10/2016 21:07	Fat Kwong Street near Sheung Fu Street	Not affected	Unknown
119	24/10/2016 6:54	Un Chau Street near Pei Ho Street	32.8	46.0
120	29/10/2016 9:26	No. 1 Yee Shing Street, Chai Wan	8.7	Unknown
121	31/10/2016 9:35	Hung Hom Road near Tak Hong Street	Not affected	17.0

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
122	2/11/2016 18:29	No.31 Tin Hau Temple Road	6.5	16.0
123	14/11/2016 16:55	King's Road near Light Pole No. 43493	Not affected	Unknown
124	16/11/2016 23:24	Mody Road near Kowloon Shangri-La Hotel	8.3	Unknown
125	30/11/2016 16:10	Dai King Street near Light Pole No. Ea7540	11.9	Unknown
126	4/12/2016 19:49	Tsat Tsz Mui Road near Fire Hydrant No. Ph166	3.7	Unknown
127	20/12/2016 5:50	Heng On Estate near Hang Hong Street, Ma On Shan	Not affected	26.0
128	28/12/2016 12:00	Ting Tai Road near Light Pole No. Ea7295	20.8	29.5
129	4/1/2017 4:18	Lei Muk Road near Wo Yi Hop Road, Kwai Chung	Not affected	24.0
130	6/1/2017 15:20	Fook Yum Road near Electric Road	6.3	13.2
131	8/1/2017 14:43	Wo Yi Hop Road junction Tai Loong Street, Kwai Chung	13.8	Unknown
132	15/1/2017 5:59	Wu Chui Road near Light Pole No. FA2689	10.0	31.0
133	17/1/2017 2:34	Tsing Lun Road near Tsun Wen Road, near Siu Hin Court	8.7	29.0
134	17/1/2017 2:59	Sunshine City Phase 2, near On Luk Street, Ma On Shan	77.5	30.6
135	1/3/2017 3:00	Ting Kok Road near Light Pole No. EA8525, Tai Po	9.7	20.5
136	8/3/2017 18:43	Castle Peak Road near Light Pole No. FA 6095, Kwai Chung	Not affected	Unknown
137	14/3/2017 3:51	Dai Hei Street near Light Pole No. EA7498	59.8	29.7
138	18/3/2017 2:19	Hennessy Road near Light Pole No. 33659	7.8	22.0
139	6/4/2017 5:32	Un Chau Street near Tonkin Street	8.0	46.8
140	14/4/2017 10:00	Power Street near Electric Road	7.7	29.0
141	16/4/2017 8:43	Tak Hong Street near Tak Ting Street	Not affected	18.0

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
142	18/4/2017 2:05	Wu Chui Road near Light Pole No. H4885	11.7	Unknown
143	18/4/2017 9:39	Connaught Road West near Water Street, Sai Ying Pun	Not affected	Unknown
144	18/4/2017 16:03	Kwun Tong Road near the junction of Choi Shek Lane	Not affected	11.0
145	19/4/2017 0:03	Lung Mun Road near Light Pole No. FA2782	29.1	35.0
146	25/4/2017 3:03	Ching Tak Street near Lung Cheung Road	Not affected	9.0
147	16/5/2017 3:01	Sheung Shing Street near Sheung Lok Street	16.1	Unknown
148	19/5/2017 5:34	No. 137 Sai Wan Ho Street	Not affected	24.0
149	31/5/2017 1:47	Waterloo Road near Canton Road	Not affected	Unknown
150	4/6/2017 3:11	Fu Ning Street near Shing Tak Street	Not affected	19.0
151	10/6/2017 16:32	Connaught Road Central near Rumsey Street	Not affected	Unknown
152	22/6/2017 19:12	No. 38 Cloud View Road	85.3	10.0
153	13/7/2017 18:17	No.17 Pak Tai Street	Not affected	18.0
154	17/7/2017 22:07	Kwai Fuk Road near Light Pole No. FA9728, Kwai Chung	30.7	Unknown
155	23/7/2017 1:11	Container Port Road near Light Pole No. FC1379, Kwai Chung	Not affected	Unknown
156	28/7/2017 5:41	Kwai Shing Circuit near Light Pole No. FA9806, Kwai Chung	7.7	Unknown
157	4/8/2017 5:43	Kwai Hing Road near MTR Station, Kwai Chung	13.3	Unknown
158	8/8/2017 21:08	Opposite No. 43 Tsun Yip Street	Not affected	Unknown
159	10/8/2017 15:35	Tolo Highway near Chainage 9.15, Sha Tin	10.0	10.2
160	12/8/2017 12:03	Sai On Street near Light Pole No. 44710, Aberdeen	10.8	Unknown
161	18/8/2017 10:53	Tsuen Wan Market Street near Light Pole No. AC1986,	1.3	Unknown

No.	Date and Time	Location	Water Supply Interruption (hour)	Age of Water Main (Note 1)
		Tsuen Wan		
162	29/8/2017 13:14	Chik Fai Street near Light Pole No. N1495, Tai Wai, Shatin	15.5	35.0
163	29/8/2017 13:19	No. 53-55 Ngau Tau Kok Road	24.5	Unknown
164	8/9/2017 7:27	Nga Chuk Street near Light Pole No.AA4986	17.8	17.0
165	10/9/2017 6:30	Canton Road near Wui Cheung Road	4.7	Unknown
166	15/9/2017 3:23	Cheung Wing Road near Light Pole No.FA6348, Kwai Chung	Not affected	Unknown
167	23/9/2017 23:02	Hiu Kwong Street near Sau Mau Ping Road	18.0	Unknown
168	13/10/2017 4:03	Hoi Bun Road near Kai Hing Road	Not affected	Unknown
169	13/10/2017 5:17	Lung Mun Road near Light Pole No. AD0417	12.3	18.0
170	25/10/2017 14:01	Opposite of No.83, Kung Lok Road, Kwun Tong	9.2	Unknown
171	31/10/2017 16:15	Jaffe Road junction O'Brien Road	6.3	Unknown
172	1/11/2017 0:16	Nam On Street junction Sun Sing Street, Shau Kei Wan	4.0	24.0
173	3/11/2017 5:03	No. 216-218 Texaco Road, Tsuen Wan	Not affected	32.0
174	9/11/2017 5:22	South Bound of Tai Po Road-Sha Tin near Chainage 8.0, Sha Tin	24.3	33.4
175	13/11/2017 5:34	Kansu Street near Ferry Street	26.3	32.0
176	22/11/2017 8:00	No. 139 Hennessy Road	4.1	28.0
177	7/12/2017 11:40	Shing Mun Road near Light Pole No. V3871, Kwai Chung	31.3	Unknown
178	19/12/2017 2:40	Lung Mun Road near Light Pole No. FC3459, Tuen Mun	18.7	31.0
179	20/12/2017 4:16	No.1 Po Tai Street near Block 3 Ocean View, Ma On Shan	9.7	17.2
180	21/12/2017 16:08	Hung Mui Kuk Road, Tai Wai	Not affected	34.5

Note 1: "Unknown" denotes no record of age of the water main. The year of completion was not incorporated in WSD's water mains record in the past until early eighties. Hence, the age of these water mains will likely be over 30 years.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5218)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

According to the figures released by the Hong Kong Government, the water lost from inside services in buildings and government water supply networks in 2017 was 29%. It shows that the facilities of water supply are ageing. Does the Administration have plans to replace the aged facilities of water supply? If yes, what are the details?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 612)

Reply:

Due to the hilly terrain of Hong Kong, the operating pressure in our water supply networks is generally higher than that of other cities. Together with vibration and disturbance caused by busy traffic and frequent roadworks, there is a higher risk of water mains bursts and leaks in the water supply networks in Hong Kong.

The 29% "water loss" mentioned in the question actually means the "unmetered consumption" which includes water used for fire fighting and operation of waterworks (such as plant water used in water treatment works, cleansing of service reservoirs/water tanks and flushing of government water mains, augmentation of the salt water flushing systems, temporary water supply due to emergency repairs, etc.), recording of lower water consumption by aging water meters, unlawful taking of water as well as leakage in the government and private water mains.

On tackling water loss in the government water supply networks, the Water Supplies Department (WSD) is implementing the Water Intelligent Network (WIN) by stages. With the WIN, we can collect data from the water supply networks by establishing District Metering Areas (DMAs) and Pressure Management Areas (PMAs). Furthermore, the procurement of an Intelligent Network Management System (INMS) is in progress. The main function of the INMS is to continuously monitor and analyse the vast amount of network data collected from DMAs and PMAs. The WIN therefore enables us to timely determine any abnormal condition in the water supply networks and take the most appropriate network management measures (including water pressure management, active

detection and control of leakage, quality and prompt repair, and reprovisioning of water mains) and set the work priorities accordingly.

Given the much improved condition of the water supply networks after the substantial completion of the programme of replacement and rehabilitation of 3 000 kilometres aged water mains in end 2015, WSD considers that it will be more effective to sustain the healthiness of the network by a continuous risk-based assessment of the water mains to determine the need for improvement works including reprovisioning. The risk-based assessment comprises a review of the consequence and probability of failure of the water mains which takes into account various factors such as population and customers served, location, material, age, failure record, pipe size, etc. Based on the risk-based approach, a total of about 40 kilometres of water mains of high-risk or repeated failures will be reprovisioned in 2018-19.

As for water loss in private water mains, WSD has been installing master meters for building developments to monitor water loss and will follow up on suspected cases. According to the Waterworks Ordinance (Cap. 102), it is the responsibility of registered agents (usually management agents) to rectify any water loss in their water mains. WSD will provide necessary technical advice to assist property owners and registered agents on leak detection and maintenance of their water mains. WSD will also assist the development of a market in leak detection and maintenance of water mains, so that a professional and competitive leak detection and maintenance service can be provided to property owners and registered agents.

Furthermore, WSD will step up enforcement actions in accordance with the Waterworks Ordinance (Cap. 102) on those property owners or registered agents who are not cooperative to rectify water loss in their communal water mains. WSD will also explore imposing water charges on property owners or registered agents for the amount of water loss from their communal water mains based on master meter readings through legislative amendments.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5219)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

Did the Administration allocate funding to conduct studies on drinking water safety over the past 5 years? If yes, please list the studies in table format.

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 613)

Reply:

The studies conducted in the past five years on drinking water safety are tabulated below:

Item No.	Title of study
1.	Consultancy study on the development of Water Safety Plan for Buildings for Hong Kong
2.	Consultancy study on the review of drinking water standards and sampling protocols (metal parameters)
3.	Improvement on Cryptosporidium & Giardia (C&G) monitoring at water treatment works
4.	Consultancy study on the review of drinking water standards (non-metal parameters)
5.	Consultancy study on organophosphate flame retardants (OPFRs) and perfluoroalkyl substances (PFASs)
6.	Consultancy service on enhancement of Drinking Water Quality Management System and development of guidelines and templates for Water Safety Plan for Buildings for specific types of developments (e.g. schools, elderly homes)

The expenditure for conducting the above studies is $3.9 million.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5220)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The information of the Water Supplies Department (WSD) mentions that: the WSD takes 170 000 water samples from different parts of water supply systems every year to test all the parameters related to water safety, including their chemical, bacterial and radioactive concentration. It also mentions that drinking water samples taken from water reservoirs, untreated Dongjiang water, treated water from service reservoirs, drinking water from the water supply systems and water drawn from consumers' taps in households are tested. Are these testing parameters and related test statistics publicised to the public? If yes, what are the details?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 614)

Reply:

The Water Supplies Department (WSD) monitors the water quality of the entire water supply system systematically by means of physical, chemical, bacteriological, biological and radiological examinations of water samples taken at catchment, intakes, receiving point of Dongjiang water at Muk Wu Pumping Station, impounding reservoirs, water treatment works, service reservoirs, distribution systems and publicly accessible consumer taps. The rolling 12-month statistics of the key test results of the water samples are updated half-yearly and published on the WSD's website.

In addition, the WSD commenced the enhanced water quality monitoring programme (Enhanced Programme) in December 2017 to monitor the drinking water quality at consumers' taps and collect local water quality data for review of the Hong Kong Drinking Water Standards for six metals, namely antimony, cadmium, chromium, copper, lead and nickel that could be present in an internal plumbing system. The statistics of the test results of the water samples collected under the Enhanced Programme are uploaded to the WSD's website on a weekly basis.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5223)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

(a) On what criteria does the Water Supplies Department (WSD) determine the dosage and concentration of the drinking water treatment agents and disinfectants at the moment?

(b) What are the treatment methods adopted by the WSD's treatment system at the moment? What are the treatment agents used and their components and amounts?

(c) Is there an adjustment mechanism that functions regularly according to the scientific research published worldwide?

Asked by: Hon TAM Man-ho, Jeremy (Member Question No. (LegCo use): 617)

Reply:

(a) The Water Supplies Department (WSD) monitors and controls each stage of the water treatment process closely by means of an on-line water quality monitoring system and taking regular water samples for testing to ensure compliance with the performance specifications of the whole treatment process. The dosages of treatment chemicals and disinfectants will be adjusted as necessary according to the monitoring results to ensure that the treated water is in full compliance with the Hong Kong Drinking Water Standards which currently adopt the guideline values / provisional guideline values of the World Health Organization's Guidelines for Drinking-water Quality.

(b) The treatment process of the water treatment works in Hong Kong mainly comprises coagulation, flocculation, clarification, filtration and disinfection. Alum (aluminum sulphate) is firstly dosed to coagulate impurities in the raw water for removal in the clarification process. In the subsequent filtration process, the clarified water is filtered through granular media filters comprising fine sand and anthracite to remove the residual fine particles. Finally, chlorine and hydrated lime (calcium hydroxide) are dosed to the filtered water for disinfection and pH adjustment respectively, while a

small dose of fluoride is provided for dental protection. During the period from April 2016 to March 2017, the average dosages of alum, chlorine, hydrated lime and fluoride used in the water treatment process were 14 milligram/litre (mg/L), 1.9 mg/L, 9.4 mg/L and 0.32 mg/L respectively. Advanced technologies such as ozonation together with biological filters are also adopted in some water treatment works for reduction of chlorine dosage and removal of organic carbon and ammonia in the raw water.

(c) The WSD has established and implemented since July 2017 the Drinking Water Quality Management System (DWQMS). Under the DWQMS, the WSD will carry out assessment of the entire drinking water supply system to identify potential risks and devise corresponding control measures. Also, the WSD, with assistance from consultants, will keep track with the latest worldwide development on water treatment, and review regularly the DWQMS for making adjustment or improvement of the water treatment process as appropriate.

- End -

CONTROLLING OFFICER'S REPLY

(Question Serial No. 5502)

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies (C L WONG)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department (WSD) has launched the Action Plan on Enhancing Drinking Water Safety in Hong Kong. Regarding the drinking water sampling under the action plan over the past 1 year, would the WSD provide the expenditure, staff establishment, indicators used for measuring drinking water safety, formats of sampling, frequency of sampling, the types of substances covered by the testing indicators for drinking water safety?

Asked by: Hon WONG Kwok-kin (Member Question No. (LegCo use): 30)

Reply:

The Water Supplies Department (WSD) commenced the enhanced water quality monitoring programme (Enhanced Programme) under the Action Plan for Enhancing the Drinking Water Safety in Hong Kong in December 2017 for monitoring the drinking water quality at consumers' taps and collecting local water quality data for review of the Hong Kong Drinking Water Standards which currently adopt the guideline values/provisional guideline values of the World Health Organization's Guidelines for Drinking-water Quality. Under the Enhanced Programme, the WSD will collect water samples from the drinking water taps of 670 randomly selected premises each year to test for the contents of six metals, namely antimony, cadmium, chromium, copper, lead and nickel that could be present in an internal plumbing system.

A sampling team will visit the selected premises on any working day from 9 am to 5 pm to collect water samples. The team comprises a water sampler for collection of water samples and a licensed plumber for collection of plumbing information. Two-tier water samples will be collected from one of the drinking water taps in the premises including a Tier 1 – Random Day Time ("RDT") water sample and a Tier 2 – 30-minute stagnation

("30MS") water sample. The Tier 2 water sample will only be tested if exceedance is found in the Tier 1 water sample to verify the test result.

At present, the WSD deploys one Senior Waterworks Chemist, two Waterworks Chemists, three Engineering Laboratory Technicians I, six Engineering Laboratory Technicians II, two Laboratory Attendants and two Water Samplers for the implementation of the Enhanced Programme. Additional posts will be created as necessary in 2018-19 in accordance with established mechanism to cater for sampling and testing of additional parameters that may be included in the Enhanced Programme.

The WSD has engaged an independent consultant to select premises for invitation to participate in the Enhanced Programme. The consultant also provides licensed plumbers to serve as members of the sampling teams.

The estimated expenditures for implementing the Enhanced Programme for monitoring the six metals are $0.75 million and $2.25 million in 2017-18 and 2018-19 respectively. These figures include the expenditures on (i) chemicals and consumables for collection and analysis of water samples, (ii) engagement of the independent consultant, and (iii) promotion of the Enhanced Programme.

- End -