

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)225**

**(Question Serial No. 6026)**

Head: (39) Drainage Services Department

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

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

- (1) How many flooding cases occurred on Hong Kong Island over the past year? Please list in chronological order these cases by location, amount of rainfall on that day and cause(s) of flooding.
- (2) What is the progress of improvement works for each flooding blackspot on Hong Kong Island? Please advise on the details of the works, progress and estimated expenditure involved; and
- (3) Will the Government commence any improvement works in respect of the flooding blackspots in the coming year? What are the work plan and estimated expenditure?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 352)

Reply:

1. In 2014, there were a total of 14 flooding cases on Hong Kong Island. All these cases were minor and happened at localised areas. They were mainly due to blockage of roadside gullies or surface channels resulting in ineffective discharge to cope with the large quantity of rainwater. Twelve of the flooding cases were recorded when Black/Red Rainstorm Warnings were issued. The other two cases were recorded when the Tropical Cyclone Warning Signal No. 8 of Typhoon "Kalmaegi" was issued. Hourly rainfall intensity exceeding 70 millimetres was recorded on Hong Kong Island on the days of these cases. Locations of the 14 cases are as follows -

<b>Date of Rainstorm Event / Typhoon</b>	<b>Number of cases</b>	<b>District</b>
30 March 2014	1	North Point
8 to 9 May 2014	6	Sai Ying Pun, Happy Valley, Mid-levels and Central
11 May 2014	1	Southern District

8 June 2014	1	Happy Valley
12 to 13 August 2014	3	Wan Chai, Ap Lei Chau and Mid-levels
16 September 2014	2	Shau Kei Wan and Mid-levels

2. & 3. There are currently three flooding blackspots on Hong Kong Island. The details of the drainage improvement works for the flooding blackspots together with the progress and expenditure involved are as follows –

<b>Flooding Blackspot</b>	<b>Details of Drainage Improvement Works</b>
(i) Pok Fu Lam Village	<p>Upgrading works to the drainage system in Pok Fu Lam Village commenced in March 2009 and were completed in June 2009. The cost of the works was \$5.9 million.</p> <p>Further drainage improvement works for Pok Fu Lam Village are under planning.</p>
(ii) Wong Chuk Hang Road, junction with Nam Long Shan Road	<p>Construction of stormwater drains along Wong Chuk Hang Road, Yip Kan Street and Tong Bin Lane commenced in March 2009 and was completed in October 2010. The cost of the works was \$7.5 million.</p> <p>Further drainage improvement works at the junction of Wong Chuk Hang Road and Nam Long Shan Road commenced in January 2013 and were completed in March 2014. The cost of the works was \$6 million.</p> <p>The performance of the improved drainage system is under monitoring.</p>
(iii) Morrison Hill Road, junction with Lap Tak Lane	<p>Construction of the Hong Kong West Drainage Tunnel commenced in November 2007 and was completed in June 2012. The cost of the project was \$3,381.3 million.</p> <p>Construction of stormwater drains along Sung Tak Street and Morrison Hill Road commenced in May 2010 and was completed in November 2013. The cost of the works was \$6.5 million.</p> <p>Construction of an underground stormwater storage tank in Happy Valley commenced in September 2011 for completion by 2018 in two stages. Stage 1 of the works was completed in end of March 2015 while Stage 2 of the works</p>

	<p>is scheduled for completion in early 2018. The estimated expenditure in 2015-16 is \$115 million.</p> <p>Construction of stormwater drains along Lap Tak Lane and Yat Sin Street commenced in January 2014 for completion by 2016. The estimated expenditure in 2015-16 is \$2 million.</p>
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