

**CONTROLLING OFFICER'S REPLY****ENB056****(Question Serial No. 4311)**

Head: (39) Drainage Services Department

Subhead (No. & title): (-) Not Specified

Programme: (2) Sewage Services

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

Director of Bureau: Secretary for the Environment

Question (Member Question No. 45):

In Programme (2), regarding the operation of existing sewage treatment works in Hong Kong, please advise this Committee of :

- (1) the current monthly treatment capacity and energy consumption of installations at the 3 sewage treatment works in Sha Tin, Sai Kung and Sham Tseng, as well as the staff establishment and expenditure involved in daily operation and maintenance of these sewage treatment works;
- (2) the staff establishment and expenditure involved, as well as anticipated work progress of the investigation and design for the relocation of Sha Tin sewage treatment works to caverns;
- (3) the staff establishment and expenditure involved, as well as anticipated work progress of the feasibility studies on the relocation of Sai Kung sewage treatment works and Sham Tseng sewage treatment works to caverns;
- (4) the rank, scope of duty, expenditure and anticipated period for open recruitment of the 8 posts created in 2014-15.

Asked by: Hon. CHAN Yuen-han

Reply:

- (1) The current monthly treatment capacity and energy consumption of installations at the 3 sewage treatment works in Sha Tin, Sai Kung and Sham Tseng, as well as the staff establishment and expenditure involved in daily operation and maintenance are as follows:

	Monthly treatment capacity (m <sup>3</sup> )	Energy consumption in 2013 (kWh)	Staff establishment (no. of posts)	Total expenditure in 2013 (\$ million)
Sha Tin sewage treatment works	7,128,000	44,303,000	85	138
Sai Kung sewage treatment works	277,000	2,282,000	8	12
Sham Tseng sewage treatment works	297,000	1,993,000	18	10

- (2) Subject to funding approval by the Finance Committee, the Drainage Services Department plans to engage engineering consultants in the later half of 2014 to commence the investigation and design for the relocation of Sha Tin sewage treatment works (STW) to caverns for completion in phases in late 2022, at an estimated cost of \$637.7 million in money-of-the-day (MOD) prices.

The investigation and design work will be managed by a Chief Engineer, a Senior Engineer and an Engineer on part-time basis, supported by six time-limited professional-grade staff.

- (3) Subject to funding approval by the Finance Committee, the Drainage Services Department plans to engage engineering consultants in the later half of 2014 to carry out two feasibility studies on the relocation of Sham Tseng and Sai Kung STWs to caverns. It will take 2 years to complete the studies and the estimated costs are \$39.2 million and \$40.6 million in MOD prices respectively.

The two feasibility studies will be managed by a Chief Engineer, a Senior Engineer and an Engineer on part-time basis, supported by one time-limited professional-grade staff.

- (4) Details of the 8 new posts are as follows:

<b>Rank</b>	<b>No. of new posts (2014-15)</b>	<b>Scope of duty</b>	<b>Notional annual mid-point salary value (\$)</b>
Senior Engineer	1	To provide professional services for the planning and development of sewerage infrastructure projects	1,153,800
Engineer/ Assistant Engineer	2		1,277,040
Senior Mechanical Inspector	1	To provide technical support for the operation and maintenance of electrical and mechanical facilities	738,000
Electrical Inspector	1		567,480
Works Supervisor II	2		472,200
Engineering Laboratory Technician I	1	To provide technical support for laboratory services	472,140
<b>Total</b>	<b>8</b>		<b>4,680,660</b>

Open recruitment exercise for the posts is tentatively scheduled for the 2nd quarter of this financial year.