

## Environmental Report 2010

### Food and Health Bureau

#### *Profile of Key Responsibilities*

The Food and Health Bureau (FHB) is responsible for policy areas of food and environmental hygiene, and health issues. It aims to formulate and coordinate policies and programmes:

- (i) to improve environmental hygiene and ensure food safety in the territory; and
- (ii) to safeguard and promote public health and to ensure that no one is prevented, through lack of means, from obtaining adequate medical treatment.

2. The Food and Health Bureau is organised into two branches for the following responsibilities:

#### Food and Environmental Hygiene matters

- Policy matters relating to food safety, environmental hygiene, agriculture, fisheries, animal welfare and management.

#### Health matters

- Policy matters relating to medical and health services, including provision of hospital services, fees and charges of public medical and health services, health promotion and prevention of communicable and non-communicable diseases, regulation, self-regulation and development of medical nursing, dentistry and allied health professional and regulation of drugs.

- Policy matters relating to the development of primary health care services, long-term health care policies, regulation of medical technologies and research, development of Chinese medicine outpatient services, development of large-scale public health information systems, health policy research and anti-smoking and tobacco control policy.

3. The expenditure of the Food and Health Bureau in 2010-11 was about \$34,708 million. The Bureau had 18 directorate officers and 106 non-directorate staff as at 1 July 2010. Its establishment ceiling for 2010-11 was \$57.66 million.

### *Environmental Goal and Policy*

4. The Food and Health Bureau supports the HKSAR Government's initiatives to improve the environment and is committed to helping improve our own environmental performance by:

- (i) compliance with relevant environmental protection ordinances;
- (ii) promotion of waste reduction;
- (iii) advising other bureaux on the impact of their policies on public health;
- (iv) minimising the production of environmental pollutants and/or nuisance;
- (v) improving the general environmental conditions; and
- (vi) saving of resources.

### *Environmental Aspects and Impacts*

5. The policies under the purview of Food and Health Bureau may have environmental impact on various aspects, including waste disposal, air pollution and conservation of the environment. Such impacts would be taken into account when drawing up the policies.

## *Environmental Protection Measures*

6. The following measures are relevant to environmental protection:

### (A) Under policy areas

#### (i) Clinical waste

To map out with the Hospital Authority and the Department of Health the way forward in delivering Government's objective to dispose of clinical waste in an environmentally sound manner.

#### Performance

*The Code of Practice for the Management of Clinical Waste has been published in June 2010 under the Waste Disposal (Amendment) Ordinance which has been enacted in April 2006 to provide the legal framework for the control of clinical waste and its management in Hong Kong.*

#### (ii) Smoking and tobacco control

The reduction of smoking prevalence and hence improvement on the air quality and public health was aimed to be achieved by discouraging smoking, educating the public, particularly the young, on the health risks involved, containing proliferation of tobacco use and protecting the public from passive smoking to the maximum possible extent. Starting from 1 July 2009, the smoking ban was extended to all bars, clubs, nightclubs, bathhouses, massage parlours, and mahjong and tinkow parlours. A fixed penalty system for smoking offences commenced operation on 1 September 2009 to impose a fixed penalty of HK\$1,500 for smoking or carrying a lighted cigarette or pipe in statutory no-smoking areas or transport carriers.

The smoking ban also begun to apply to public transport interchanges (PTIs) in phases. PTIs with superstructures had already become smoke-free since 1 September 2009. The second phase of designating open-air PTIs as no smoking areas has commenced on 1 December 2010.

### Performance

*Hong Kong's smoking prevalence is among the lowest in the world. According to the Thematic Household Survey (Report No.45) conducted by the Census & Statistics Department during November 2009 to February 2010, the percentage of daily cigarette smokers out of the Hong Kong population aged 15 or above is 12%.*

## (B) Within the office

### (i) Waste minimisation

- ✎ extended use of recycled paper, even for external communication
- ✎ collect papers used on one side only for drafting, photocopying or printing of single-sided file enclosures
- ✎ circulate posting notices, telephone lines, reports and consultation papers etc. through electronic means instead of using paper
- ✎ post internal circulars and other reference materials on internal bulletin board for access by staff
- ✎ send e-orientation folder, containing the soft copy of a bundle of circulars and papers, to new comers
- ✎ encourage the use of electronic means in both internal and external communication
- ✎ keep the number of paper publications and copies of circulars to the absolute minimum (e.g. by circulating a copy to staff only)
- ✎ use plain paper fax machines instead of thermal paper ones
- ✎ avoid sending original documents which have been sent by fax or email

- 🍃 reduce the use of fax leader sheet
- 🍃 extended use of virtual fax services
- 🍃 use photocopiers enabled with double-sided copying functions and place notices near photocopiers to remind staff of double-sided copying
- 🍃 set "double sided" and "print in grayscale" as default printing modes for all printers
- 🍃 not to use envelopes for unclassified documents
- 🍃 reuse envelopes, loose minutes jackets and action tags
- 🍃 use less paper cups
- 🍃 reduce use of greeting cards
- 🍃 reuse of decorative materials at festive seasons
- 🍃 recover waste paper, newspapers and outdated publication for recycling by placing collection boxes at convenient locations
- 🍃 collect used CDs for recycling
- 🍃 recover printer cartridges for recycling
- 🍃 use recycled printer cartridge
- 🍃 extended use of refillable ball pens
- 🍃 implement the online booking system of conference rooms instead of keeping paper records
- 🍃 review regularly the actual need against monthly supply items that have expiry dates
- 🍃 collect plastics, metals, waste paper and rechargeable batteries by setting up coloured recycling boxes at lift lobbies

### Performance

*Generally effective*

#### (ii) Energy conservation

- 🍃 remind staff to switch off lights, air-conditioners and personal computers outside office hours
- 🍃 affix "Energy Saving" stickers at all switches in the office to remind staff the importance of energy saving
- 🍃 encourage staff to use staircase for interfloor traffic
- 🍃 use energy-saving fluorescent lights

- 🍃 re-arrange the switch control of light troughs to maintain sufficient yet minimum lighting during lunch hours and outside office hours
- 🍃 remove unnecessary lightings at the reception area and office area
- 🍃 turn off lights during lunch hours and when part of office is not in use
- 🍃 arrange late-duty officers to conduct checking after office hours to ensure lights, air-conditioners in offices and conference rooms and communal facilities, such as photocopiers are switched off
- 🍃 use energy efficient equipment, such as power-saving photocopiers, printers and computers
- 🍃 set all photocopiers to energy saving mode when they are not in use for over five minutes
- 🍃 keep room temperature at a reasonable level to avoid excessive air-conditioning
- 🍃 affix stickers at all air-conditioning switches to remind staff to maintain indoor temperature at 25.5°C

### Performance

#### *Generally effective*

#### (iii) Others

- 🍃 remind drivers to switch off vehicle engines whilst awaiting in order to avoid idling emissions and achieve fuel saving
- 🍃 implement the Government's "Smoke-free Workplace Policy"
- 🍃 use unleaded fuel for departmental cars
- 🍃 encourage officer to dress light, casual and smart
- 🍃 re-circulate "Energy Saving Tips" to all staff members at regular intervals
- 🍃 explore usage of other energy saving devices, such as timer switch for commonly used office equipment

Performance  
*Generally effective*

***Environmental Awareness within the Bureau***

7. To improve the environmental awareness within the Bureau, a directorate officer has been appointed the green manager of the Bureau since 1993. The officer has provided a focal point for introducing and reviewing environmental protection initiatives. Staff of the Bureau would be encouraged to attend training/workshops on green management and will continue to identify measures, both under policy areas or within the office, to protect our environment.

***Commitments under the Clean Air Charter***

8. The Food and Health Bureau supports the Government's determination of improving air quality by meeting the commitments of the Clean Air Charter. The progress of commitments under the Charter that is relevant to our operations is reported below:

**(A) Publishing Information on Energy use and Emissions**

(i) Electricity

The electricity consumed by Food and Health Bureau from January to December 2010 was estimated at 857,839kWh\*. The estimated emissions of air pollutants were thus as follows:

<b>Pollutants</b>	<b>Estimated Emissions</b>
SO <sub>2</sub>	1638kg
NO <sub>x</sub>	995kg
RSP	51kg

\* Please refer to the Annex for details.



(ii) Fuel

The total mileage travelled by the AM vehicles of our Bureau from January to December 2010 was 113,611 km. The estimated emission of NO<sub>x</sub> was 102 kg.

(B) Enhancing energy efficiency

A number of measures have been adopted for enhancing energy efficiency. The details are reported under Part 6B (ii).

(C) Controlling air pollution on high pollution days

The Bureau has already adopted several measures in reducing electricity consumption. We will continue to identify measures that would help to further reduce emission on high pollution days.

(D) Experience sharing

We will continue to participate in experience sharing workshops and seminars on promoting clean air.

Food and Health Bureau  
May 2011



**Estimated Electricity Consumed in 2010****Murray Building (Jan-Dec 2010)**

	<b>Electricity consumed by Murray Building (kWh)</b>	<b>Percentage of FHB (based on floor area)</b>	<b>Estimated electricity consumed by FHB (kWh)</b>
<b>Jan</b>	470,350.00	12.04%	56,630.14
<b>Feb</b>	488,010.00	12.04%	58,756.40
<b>Mar</b>	487,110.00	12.04%	58,648.04
<b>Apr</b>	490,340.00	12.04%	59,036.94
<b>May</b>	547,600.00	12.04%	65,931.04
<b>Jun</b>	597,980.00	12.04%	71,996.79
<b>Jul</b>	598,940.00	12.04%	72,112.38
<b>Aug</b>	659,280.00	12.04%	79,377.31
<b>Sep</b>	643,940.00	12.04%	77,530.38
<b>Oct</b>	586,170.00	12.04%	70,574.87
<b>Nov</b>	542,100.00	12.04%	65,268.84
<b>Dec</b>	491,380.00	12.04%	59,162.15
	<b>6,603,200.00</b>	<b>12.04%</b>	<b>795,025.28</b>

**608, Murray Road Multi-storey Carpark building (Jan-Dec 2010)**

	<b>Electricity consumed by MRMSCB (kWh)</b>	<b>Percentage of FHB (based on floor area)</b>	<b>Estimated electricity consumed by FHB (kWh)</b>
<b>Jan</b>	117,161.00	3.49%	4,088.92
<b>Feb</b>	119,256.00	3.49%	4,162.03
<b>Mar</b>	101,484.00	3.49%	3,541.79
<b>Apr</b>	140,349.00	3.49%	4,898.18
<b>May</b>	142,962.00	3.49%	4,989.37
<b>Jun</b>	172,065.00	3.49%	6,005.07
<b>Jul</b>	170,299.00	3.49%	5,943.44
<b>Aug</b>	186,042.00	3.49%	6,492.87
<b>Sep</b>	183,826.00	3.49%	6,415.53
<b>Oct</b>	167,016.00	3.49%	5,828.86
<b>Nov</b>	165,551.00	3.49%	5,777.73
<b>Dec</b>	133,823.00	3.49%	4,670.42
	<b>1,799,834.00</b>	<b>3.49%</b>	<b>62,814.21</b>

Grand total for estimated electricity consumed in 2010 by FHB: **857,839.49(kWh)**