

**Central & Western District Council
Food, Environment and Hygiene Committee
Paper No.2/2024**

Circulation Paper

**Food and Environmental Hygiene Department
Anti-mosquito Campaign 2024 (Phase I) in Central & Western District**

Purpose

To brief Members on the arrangements and details for the Anti-mosquito Campaign 2024 (Phase I) to be launched by the Food and Environmental Hygiene Department (FEHD) in Central & Western District.

Background

2. The Anti-mosquito Campaign 2023 (Phase III) organized by FEHD was launched between 7.8.2023 and 27.10.2023. Actions taken in the district and the results are detailed at **Annex I**.

3. In 2023 (as at 14.12.2023), 62 imported dengue fever cases were recorded in Hong Kong. 2 imported Zika virus infection cases were recorded in Hong Kong on 15.11.2023 and 17.11.2023 respectively. No chikungunya fever case and Japanese encephalitis case were reported.

4. Dengue fever (DF) is an important mosquito-borne disease with public health concern worldwide, especially in the tropics and sub-tropics. The dengue viruses encompass four different serotypes. Dengue infection has a wide spectrum of clinical manifestations and outcomes. The disease is usually mild and self-limiting, but subsequent infections with other serotypes of dengue virus are more likely to result in severe dengue, which can be fatal. DF is not directly transmitted from person to person. It is transmitted to humans through the bites

of infective female *Aedes* mosquitoes. Patients with DF are infective to mosquitoes during the febrile period. When a patient suffering from DF is bitten by a vector mosquito, the mosquito is infected and it may spread the disease by biting other people. DF can spread rapidly in densely populated areas that are infested with the vectors *Aedes aegypti* or *Aedes albopictus*. Besides, transmission through blood transfusion has also been reported.

5. Japanese encephalitis is a mosquito-borne disease and the Japanese encephalitis virus is transmitted by the bite of infected mosquitoes. The principal vector is called *Culex tritaeniorhynchus*. Japanese encephalitis mainly occurs in rural and agricultural areas of Asia and the Western Pacific. The mosquitoes breed where there is abundant water such as rice paddies and become infected by feeding on pigs and wild birds infected with the Japanese encephalitis virus. The infected mosquito transmits the Japanese encephalitis virus to humans and animals during biting. FEHD and relevant departments had already strengthened mosquito prevention and control work in the areas, including conducting joint visits with staff of the Agriculture, Fisheries and Conservation Department to the neighboring pig farms and providing technical assistance on mosquito prevention and control to the pig farmers with a view to reducing the chance of the public to contact Japanese encephalitis.

6. Zika virus is transmitted to humans mainly through bite of infected *Aedes* mosquitoes. *Aedes aegypti*, which is considered the most important vector for transmitting Zika virus to humans, is currently not found in Hong Kong; however, *Aedes albopictus*, which is widely present locally, is also considered as potential vector. As long as there is extensive international travel, there always remains the risk of introducing Zika virus into Hong Kong. If an overseas Zika-infected person enters Hong Kong, and is subsequently bitten by an *Aedes albopictus* in Hong Kong, the infected *Aedes albopictus* may carry the virus and lead to a secondary spread in Hong Kong. The public should therefore stay vigilant about the potential risks of mosquito-borne diseases, while the community and various government departments should make

concerted efforts and actively participate in mosquito prevention and control. Besides, Zika virus can also be transmitted through blood and sex contact.

7. In order to safeguard public health and to sustain mosquito prevention and control efforts, FEHD will continue to strengthen mosquito prevention and control and organize the Anti-mosquito Campaign 2024 in three phases as follows: -

Phase I : 19.2.2024 to 17.3.2024

Phase II : 15.4.2024 to 16.6.2024

Phase III : 5.8.2024 to 27.10.2024

8. The Anti-mosquito Campaign 2024 (Phase I) to be carried out under the slogan “**Prevent Japanese Encephalitis and Dengue Fever Act Now!**” aims to achieve the following objectives:-

- (a) To heighten public awareness of the potential risk of dengue fever, Zika virus infection, Japanese encephalitis, chikungunya fever and other mosquito-borne diseases;
- (b) To encourage community participation and forge close partnership of government departments concerned in mosquito prevention and control work; and
- (c) To eliminate potential mosquito breeding sites.

Mosquito Control Operations

9. FEHD will carry out a series of operations focusing on removal of accumulation of water and mosquito prevention and control from 19.2.2024 to 17.3.2024 at mosquito breeding and potential breeding places in the district. Emphasis will be placed on locations in close proximity to human residences, schools, construction sites, public housing estates, hospitals, illegal cultivation

sites, waterfront public and private cargo working areas, cross boundary check points, typhoon shelters and cross boundary ferry terminals. Please refer to **Annex II** for the action plan.

10. During the Campaign period, Pest Control Section of this district will deploy a total of 25 pest control teams to perform mosquito prevention and control work in accordance with the attached action plan and take the opportunity to offer knowledge and technical advice on the prevention and control of mosquito to the public.

Education and Publicity

11. On publicity and education fronts, FEHD will adopt the following measures in addition to arranging press releases, the broadcast of Television and Radio Announcements in the Public Interest and the placement of promotional posters at the major public transport facilities:-

- (a) To produce publicity posters, pamphlets, banners and educational materials on prevention and control of mosquito for public circulation;
- (b) To distribute publicity materials widely through close liaison with the relevant government departments and local organizations to arouse public awareness of mosquito prevention and control;
- (c) To organize roving exhibitions at major shopping malls of housing estates and outreaching health talks for schools and management of housing estates;
- (d) To hold thematic exhibitions at the FEHD Health Education Exhibition and Resource Centre, and to include relevant

information in the FEHD homepage; and

- (e) To disseminate messages on mosquito prevention and control through the Facebook page and Instagram page of Keep Clean Ambassador Ah Tak.

12. To ensure smooth implementation of the Campaign, the Pest Control Advisory Section of the department would provide technical assistance in the mosquito prevention and control operations and the related publicity and education activities.

Local Participation

13. To enlist support and active participation of this District Council in the Campaign, District Council Members and Committee Members will be invited to participate in related events, organize publicity activities and at the same time, to offer views on the mosquito prevention and control work.

Central & Western District Environmental Hygiene Office
Food and Environmental Hygiene Department

8 January 2024

Food and Environmental Hygiene Department
Anti-mosquito Campaign 2023 (Phase III) in Central & Western District

The Anti-mosquito Campaign 2023 (Phase III) was launched between 7.8.2023 and 27.10.2023. During the period, related mosquito prevention and control work was carried out smoothly. The actions and results of the Anti-mosquito Campaign in the district are as follows:-

1. Number of patrols made at the target areas : 7 872
2. Number of mosquito breeding sites identified and eliminated : 451
3. Number of potential mosquito breeding sites identified and eliminated : 1 482
4. Quantity of refuse cleared (tonnes) : 8
5. Number of prosecutions instituted : 2
6. Number of warning letters issued : 0
7. Number of advice and messages provided to the public in respect of mosquito prevention and control : 503
8. Number of leaflets/posters distributed : 4 850
9. Number of cases referred to other government departments : 21

Annex II

Anti-mosquito Campaign 2024 (Phase I)

Central & Western District Action Plan

| Date | Anti-mosquito Team | Location | |
|---|---------------------------|-----------------|---|
| 19.2.2024 26.2.2024 4.3.2024 11.3.2024 (Monday) | Pest Control Section | 1 | New Street, Po Hing Fong, Tung Street, Possession Street, Upper Lascar Row, Circular Pathway, Tai Ping Shan Street, Tai On Terrace, Yu Hing Lane, Po Yan Street, Rutter Street, Fat Hing Street, Upper Station Street, Tank Lane, Lok Ku Road, Un On Lane West, Ng Kwai Fong, Water Lane, U Lam Terrace, Rozario Street, Caine Lane, Chuk Lin Lane, Kui In Fong, Lower Lascar Row, Pound Lane, Square Street, Wa Lane, Wa Ning Lane |
| | | 2 | Man Hing Lane, Graham Street, Gutzlaff Street, Wa On Lane, Gage Street, Lyndhurst Terrace, Kau u Fong, Ezra's Lane, Tun Wo Lane, Cochrane Street, Mee Lun Street, Shin Hing Street, Gough Street, Kin Sau Lane, On Wo Lane, Pak Tsz Lane, Sam Ka Lane, Staveley Street |
| | | 3 | Stanley Street, Wellington Street, Chuk On Lane, Wing Wah Lane, Lan Kwai Fong, Zetland Street, On Lan Street, D'aguilar Street, Wo On Lane, Duddell Street, Ice House Street, Ho Kwok Lane, Lok Hing Lane, Mason's Lane, On Hing Terrace, Wyndham Street, Wai Tak Lane, Yan Shau Lane |
| | | 4 | Mount Davis Path |
| | | 5 | Elgin Street, Shelley Street, Staunton Street, Old Bailey Street, Chung Wo Lane, Wa In Fong East, Wa In Fong West, Wing Lee Street, Po Wa Street, George's Lane, Kwong Hon Terrace, Shing Wong Street, Bridges Street, Arbutnot Road, Chancery Lane, Coronation Terrace, Ping On Lane, Tsun Wing Lane, Caine Road, Peel Street, Aberdeen Street, Hollywood Road |

| Date | Anti-mosquito Team | Location | |
|--|----------------------|----------|---|
| 20.2.2024 27.2.2024 5.3.2024 12.3.2024 (Tuesday) | Pest Control Section | 1 | Clarence Terrace, Po Tuck Street, Whitty Street, Sai On Lane, Hing Lung Lane East, Hing Lung Lane West |
| | | 2 | Hillier Street, Burd Street, Wing Wo Street, Wing Kut Street, Mercer Street, Gilman's Bazaar, Gilman Street, Des Voeux Road Central, Connaught Road Central, Queen's Road Central, Man Wa Lane, Hing Lung Street, Cleverly Street, Kwai Wa Lane, Rumsey Street, Bonham Strand East, Wing Lok Street, Jervois Street, Tit Hong Lane, Tung Man Street, Wing On Street |
| | | 3 | Queen Victoria Street, Pottinger Street, Li Yuen Street West, Li Yuen Street East, Chiu Lung Street, Douglas Lane, Man Yee Lane, World Wide Lane, Theatre Lane, Pedder Street, Douglas Street |
| | | 4 | Jackson Road, Murray Road, Lambeth Walk, Chater Road, Battery Path, Bank Street |
| | | 5 | New Praya Kennedy Town, Hau Wo Street, Cadogan Street, Davis Street, Smithfield Road, Kwan Yick Street, Forbes Street, Catchick Street, Belcher's Street |
| | | 6 | North Street, Rock Hill Street, Sands Street, Lung Wah Street, Pokfield Road |
| | | 7 | Cheung Kan Lane, Yat Fu Lane, South Lane, Woo Hop Street, Hill Road |

| Date | Anti-mosquito Team | Location | |
|--|----------------------|----------|--|
| 21.2.2024 28.2.2024 6.3.2024 13.3.2024 (Wednesday) | Pest Control Section | 1 | Tung Loi Lane, New Market Street, Bonham Strand West, Heung Hing Lane, Morrison Street, On Tai Street, Western Fire Services Street, Tung Hing Lane |
| | | 2 | Chung Kong Road, Chung King Road |
| | | 3 | Tim Wa Avenue, Tim Mei Avenue, Lung Wo Road, Performance Arts Avenue, Connaught Place, Harcourt Road, Lung Wui Road, Queensway, Rodney Street, Tamar Street |
| | | 4 | Ching Lin Terrace, Tai Pak Terrace, Li Po Lung Path, Praya Kennedy Town, Holland Street, Sai Cheung Street, Shing Sai Road, Collinson Street, Hee Wong Terrace, Academic Terrace, Sai Hong Lane, To Li Terrace |
| | | 5 | Mount Austin Road, Harlech Road, Lugard Road, Tregunter Path, Hornsey Road, Brewin Path, Clovelly Path, May Road, Peak Road |
| | | 6 | Findlay Path, Findlay Road |
| | | 7 | Magazine Gap Road, Guildford Road, Rosmead Road, Watford Road, Mansfield Road |

| Date | Anti-mosquito Team | Location | |
|---|----------------------|----------|--|
| 22.2.2024 29.2.2024 7.3.2024 14.3.2024 (Thursday) | Pest Control Section | 1 | Connaught Road West, Des Voeux Road West, Queen' Road West, Chiu Kwong Street, Sai Hing Lane, Western Street, Sai On Lane, Sai Yuen Lane, Centre Street, Ka On Street, Chung Ching Street, Lai On Lane, Ki Ling Lane, Siu Cheung Fong, Fung Mat Road, On Ning Lane, Water Street, Chek Chan Lane |
| | | 2 | Li Shing Street, Sutherland Street, Wilmer Street, Ko Shing Street, Kom U Street, Wo Fung Street, Tsung Sau Lane East, Sung Hing Lane, In Ku Lane, Queen Street, Kwai Heung Street, Mui Fong Street, Eastern Street, Tsz Mi Alley, Ham Yu Street, Pan Kwai Lane, Sai Woo Lane |
| | | 3 | Mount Davis Road, Victoria Road, Sai Ning Street, Ka Wai Man Road, Sai See Street |
| | | 4 | Honiton Road, Lyttelton Road, Babington Path, St. Stephen's Lane, Oaklands Path, Prospect Place, Kotewall Road, Hatton Road, Park Road, Po Shan Road, Breeze Path, Conduit Road |
| | | 5 | Castle Road, Castle Lane, Mosque Temple Street, Mosque Junction, Seymour Road, Leung Fai Terrace, Prince's Terrace, Chico Terrace, Rednaxela Terrace, Woodland Terrace, Ying Fai Terrace, Seymour Terrace, Robinson Road |
| | | 6 | Peel Rise, Mount Kellett Road, Homestead Road |
| | | 7 | Stewart Terrace, Gough Hill Path, Plunkett's Road, Plantation Road, Pollock's Path, Severn Road, Lloyd Path |
| | | 8 | Macdonnell Road, Calder Path |

| Date | Anti-mosquito Team | Location | |
|--|----------------------|----------|--|
| 23.2.2024 1.3.2024 8.3.2024 15.3.2024 (Friday) | Pest Control Section | 1 | Sam To Lane, Tam Lane, Rose Lane, David Lane, Tak Sing Lane, Sheung Fung Lane, Kwong Fung Lane, Yau Yee Lane, Kui Yan Lane, Yuk Sau Lane, Algar Court, Fuk Sau Lane, Sai Wa Lane, High Street, First Street, Second Street, Third Street, Hing Hon Road, Yu Lok Lane |
| | | 2 | Hospital Road, Leung I Fong, Cheung On Lane, Kwok Hing Lane, College View, Bonham Road, Ui On Lane, Un Shing Lane, West End Path, Ying Wa Terrace |
| | | 3 | Man Kwong Street, Man Po Street, Finance Street, Harbour View Street, Man Cheung Street, Kong Chung Lane, Man Fai Street, Man Chiu Street, Man Kat Street, Man Yiu Street |
| | | 4 | Justice Drive, Supreme Court Road, Garden Road, Albert Path, Drake Street, Lower Albert Road, Upper Albert Road, St. Joseph's Path |
| | | 5 | Pok Fu Lam Road |
| | | 6 | Old Peak Road |
| | | 7 | Bluff Path, Gough Hill Road, Barker Road, Chatham Path, Hospital Path |
| | | 8 | Bowen Road, Kennedy Road, Borrett Road, Craigmin Road, Park Gate |