

Tai Po District Council Paper No. FEH 4/2024
For Food, Environment and Hygiene Committee meeting on 9 January 2024

Food and Environmental Hygiene Department
Anti-mosquito Campaign 2024 (Phase I) in Tai Po 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 Tai Po 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 and typhoon shelters. 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 20 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 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.

Tai Po District Environmental Hygiene Office
Food and Environmental Hygiene Department

8 January 2024

Annex I

Food and Environmental Hygiene Department **Anti-mosquito Campaign 2023 (Phase III) in Tai Po 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	:	25469
2.	Number of mosquito breeding sites identified and eliminated	:	425
3.	Number of potential mosquito breeding sites identified and eliminated	:	5430
4.	Quantity of refuse cleared (tonnes)	:	43.2
5.	Number of prosecutions instituted	:	4
6.	Number of warning letters issued	:	0
7.	Number of advice and messages provided to the public in respect of mosquito prevention and control	:	354
8.	Number of leaflets/posters distributed	:	4550
9.	Number of cases referred to other government departments	:	3

Annex II

Anti-mosquito Campaign 2024 (Phase I)

Tai Po District Action Plan

Date of Operation	Anti-mosquito Team	Location	
		AM	PM
19.2.2024 (Monday)	Departmental Staff	Fo Yin Road, Pak Shek Kok, Tolo Harbour Cycling Track	Shan Tong Road, Shan Yin Road, Tai Po River Pathway
	Contractor Staff	Long Ha, Po Sam Pai Tsuen, Ha Hang Tsuen, Chuen On Road to Alice Ho Miu Ling Nethersole Hospital, On Pong Road, On Tai Road, Tai Po Plaza, Chung Nga Road	Tai Mei Tuk BBQ Site, A Shan Tsuen, Tseng Tau Tsuen, Casa Brava surrounding area, Ha Hang Tsuen, Tai Po Hospital surrounding area, Tung Leung Road, Ting Tai Road, Fu Heng Estate
20.2.2024 (Tuesday)	Departmental Staff	Ha Wong Yi Au & RCP, Sheung Wong Yi Au & RCP, Yung Yi Road	Yat Yiu Avenue, Tai Po Road, Marvelous Villa
	Contractor Staff	Cycling Track outside Ting Kok Road, Cycling Track Outside Shan Liu, Tung Tsz, Sha Lan, China Holiness Church Living Spirit College surrounding area, Treasure Garden, Jade Plaza, Fortune Plaza, Nam Hang Tsuen	Lo Tsz Tin, Lai Pek Shan Tsuen, Sam Mun Tsai and Typhoon Shelter, Fung Yuen Tseun, Chui Yi Street, Nam Hang Tsuen
21.2.2024 (Wednesday)	Departmental Staff	Sunlight Garden, Hong Shing Garden, Villa Castell, San Uk Ka & RCP, Ko Lau Wan, Tan Ka Wan	Sha Po Tsai, Cheung Uk Tei, Sunshine Garden, Ko Lau Wan, Tan Ka Wan
	Contractor Staff	Shan Liu, Shan Nam Road, Wai Ha Tsuen, Kau Yan College surrounding area, Serenity Park, Cho Ma Wu	Tai Mei Tuk Tsuen, Wong Yue Tan Tsuen, Ha Tei Ha Tsuen, Chim Uk Tsuen, Yee Nga Court, Tai Po Sports Ground, Tit Mei Tsai Tsuen

Date of Operation	Anti-mosquito Team	Location	
		AM	PM
22.2.2024 (Thursday)	Departmental Staff	Chong San Road, Yuen Shin Road	Kwong Fuk Road, Plover Cove Road, Wang Fuk Court
	Contractor Staff	Ng Uk Tsuen, Cycling Track Outside Green Cove, Chui Lok Street, Tai Ping Industrial Centre	Seaview Villas, Fortune Garden, Sun Hing Garden, New Territories South Regional Police Headquarters, Kau Hui Chik Street, Mei Sun Lane, Chui Wo Lane, San Wai Tsai
23.2.2024 (Friday)	Departmental Staff	Tai Po Mei, Cheung Shue Tan, Wong Nai Fai, Po Min & RCP, Tung Ping Chau	Tai Po Road, Tsung Tsai Yuen & RCP, Yin Tse Lane, Tung Ping Chau
	Contractor Staff	Ting Kok Tsuen, Tycoon Place, The Education University of Hong Kong, Sam Mun Tsai New Village, Slope behind Alice Ho Miu Ling Nethersole Hospital, Fung Mei Wai, Ying Pun Ha Tsuen, Chuk Hang Tsuen	Lo Ping Road, Lo Fai Road, Luen Yick San Tsuen, Tai Po Centre, Tai Po Tau Tsuen, San Wa On Lane
24.2.2024 (Saturday)	Contractor Staff	Wong Chuk Tsuen, San Tau Kok Tsuen, Tai Po Industrial Estate, Yue Kok Tsuen, Tai Wo Road, Eightland Gardens, Shui Wai	Lung Mei Tsuen, Tung Tsz, Phenoix Villa, Tai Yuen Estate, Ting Nga Court, Mui Shu Hang
26.2.2024 (Monday)	Departmental Staff	Cycling Track from Science Park to Fo Chun Road, Tap Mun	Lam Tsuen River Riverside, Kwong Fuk Estate, Cycling Track outside Kwong Fuk Estate, Tap Mun
	Contractor Staff	Yuen Leng Tsuen, Nam Wa Po, Fong Ma Po, Lam Tsuen San Tsuen, Pan Chung Tsuen, Pak Shing Street, Sui On Street, Yan Hing Street, Hei Yuen Street, Yan Wo Lane, On Fu Road, Sung Tak Street, Wai Yi Street, Hoi Ha, Ha Yeung, Pak Sha O	San Uk Pai, Hang Ha Po, Sheung Tin Liu Ha, Ha Tin Liu Ha, Lung A Pai, Elegance Garden, Uptown Plaza, Heung Sze Wui Square, Po Heung Square, Wan Tau Square, Kwong Fuk Square, Nai Chung

Date of Operation	Anti-mosquito Team	Location	
		AM	PM
27.2.2024 (Tuesday)	Departmental Staff	Care Village, Ha Wong Yi Au, Yi Road	Tai Po Road, Yin Tse Lane, Tsung Tsai Yuen & RCP
	Contractor Staff	Tai Wo Tsuen, Tai Hang Garden, She Shan Tsuen, Pak Ngau Shek Sheung Tsuen, Pak Ngau Shek Ha Tsuen, Shek Kwu Lung Village, Kam Shan Tsuen, Po Yick Street, Po Yick Lane, Tin Liu, Kwun Hang	Tai Hang Fui Sha Wai, Chung Uk Tsuen, Tai Om Tsuen, Pun Chun Yuen, Chat Kan Uk, Kwong Fuk Road, Kwong Fuk Football Ground, Che Ha
28.2.2024 (Wednesday)	Departmental Staff	Wan Tau Tong Estate, Yat Nga Court, Yat Nga Lane, Nam Wan Road, Hiu Wan Road, Wan Fung Road Bus Terminus	Tai Po River Pathway, Lai Chi Shan & RCP, Wun Yiu Road, Tak Nga Court, King Nga Court, Cycling Track from Nam Wan Road to Tat Wan Road
	Contractor Staff	Kau Lung Hang Lo Wai, Che Tei Tseun, Wo Tong Pui Tsuen, Ping Long Tsuen, Classical Gardens, Pak Shing Street, Sui On Street, Yan Hing Street, Hei Yuen Street, Yan Wo Lane, On Fu Road, Sung Tak Street, Wai Yi Street	Tsz Tong Tsuen, Tong Sheung Tsuen, Chai Kek Tsuen, Ma Wo, Cheung Muk Tau
29.2.2024 (Thursday)	Departmental Staff	Cheung Shue Tan & RCP	Tsung Tsai Yuen & RCP, Tai Po Road
	Contractor Staff	Tai Hang San Wai, Ma Kwu Lam, Kau Liu Ha, Kau Liu Ha, San Tong Tsuen, Pak Tin Kong, Kam Shek New Village, Nga Yiu Tau, Sai Keng	Tong Hang Tung Tsuen, Kiu Tau Road, Wai Tau Tsuen, Ng Tung Chai Tsuen, Chung Shun Lane, Sai O
1.3.2024 (Friday)	Departmental Staff	Ha Wun Yiu, Cycling Track from Tat Wan Road to Wun Yiu Road	Sheung Wun Yiu, Tai Po River Pathway
	Contractor Staff	Yung Shue O, Shui Wo, Ma Po Mei, Tai Mong Che, Lam Tsuen River Riverside (North), Lai Chi Chong, Sham Chung, Fong Ma Po	San Uk Tsai Tsuen, Lam Tsuen River Riverside (South), Chek Keng, Ping Long Tsuen

Date of Operation	Anti-mosquito Team	Location	
		AM	PM
2.3.2024 (Saturday)	Contractor Staff	Kei Ling Ha Lo Wai, Kei Ling Ha San Wai, Tai Wo Estate, Hong Kong Railway Museum surrounding area, Uk Tau, Ko Tong Ha Yeung, Ko Tong	Kau Lung Hang Tsuen, Hong Lok Villa, Chung Uk Tsuen, Po Nga Court, Contour, SKH Bishop Mok Sau Tseng Secondary School surrounding area
4.3.2024 (Monday)	Departmental Staff	Lai Chi Shan & RCP, Wun Yiu Road	Tak Nga Court, King Nga Court, Cycling Track from Nam Wan Road to Tat Wan Road, Tai Po River Pathway
	Contractor Staff	Long Ha, Po Sam Pai, Ha Hang Tsuen, Chuen On Road to Alice Ho Miu Ling Nethersole Hospital, On Pong Road, On Tai Road, Tai Po Plaza, Chung Nga Road	Tai Mei Tuk BBQ Site, A Shan Tsuen, Tseng Tau Tsuen, Casa Brava, Ha Hang Tsuen, Tai Po Hospital surrounding area, Tung Leung Road, Ting Tai Road, Fu Heng Estate
5.3.2024 (Tuesday)	Departmental Staff	Ta Tit Yan, Wun Yiu Road, Lo Lau Uk, Yuen Tun Ha	Pun Shan Chau, Hilltop Garden
	Contractor Staff	Cycling Track outside Ting Kok Road, Cycling Track outside Shan Liu, Tung Tsz, Sha Lan, China Holiness Church Living Spirit College surrounding area, Treasure Garden, Jade Plaza, Fortune Plaza, Nam Hang Tsuen	Lo Tsz Tin Tsuen, Lai Pek Shan Tsuen, Sam Mun Tsai Road and Typhoon Shelter, Fung Yuen Tsuen, Chui Yi Street, Nam Hang Tsuen
6.3.2024 (Wednesday)	Departmental Staff	Fo Shing Road, Chong San Road	Shan Tong New Village & RCP
	Contractor Staff	Shan Liu Road, Shan Nam Road, Wai Ha Tsuen, Kau Yan College surrounding area, Serenity Park, Cho Ma Wu	Tai Mei Tuk Tsuen, Wong Yue Tan Tsuen, Ha Tei Ha Tsuen, Chim Uk Tsuen, Yee Nga Court, Tai Po Sports Ground, Tit Mei Tsai Tsuen
7.3.2024 (Thursday)	Departmental Staff	Cycling Track from Fu Chun Road to Yuen Chau Tsai	Yuen Shin Road, Kwong Chun Street, Island House Lane
	Contractor Staff	Ng Uk Tsuen, Cycling Track Outside Green Cove, Chui Lok Street, Tai Ping Industrial Centre	Seaview Villas, Fortune Garden, Sun Hing Garden, New Territories South Regional Police Headquarters, Kau Hui Chik Street, Mei Sun Lane, Chui Wo Lane, San Wai Tsai

Date of Operation	Anti-mosquito Team	Location	
		AM	PM
8.3.2024 (Friday)	Departmental Staff	Cycling Track from Tat Wan Road to Wun Yiu Road, Ha Wun Yiu, Tap Mun	Tai Po River Pathway, Sheung Wun Yiu, Tap Mun
	Contractor Staff	Ting Kok Tsuen, Tycoon Place, The Education University of Hong Kong, Sam Mun Tsai New Village, Slope behind Alice Ho Miu Ling Nethersole Hospital, Fung Mei Wai, Ying Pun Ha Tsuen, Chuk Hang Tsuen	Lo Ping Road, Lo Fai Road, Luen Yick San Tsuen, Tai Po Centre, Tai Po Tau Tsuen, San Wa On Lane
9.3.2024 (Saturday)	Contractor Staff	Wong Chuk Tsuen San Tau Kok Tsuen, Tai Po Industrial Estate, Yue Kok Tsuen, Tai Wo Road, Eightland Gardens, Shui Wai	Lung Mei Tsuen, Tung Tsz, Phenoix Villa, Tai Yuen Estate, Ting Nga Court, Mui Shu Hang
11.3.2024 (Monday)	Departmental Staff	Tai Po Mei, Cheung Shue Tan, Wong Nai Fai, Po Min & RCP, Tung Ping Chau	Tai Po Road, Tsung Tsai Yuen & RCP, Yin Tse Lane, Tung Ping Chau
	Contractor Staff	Wai Shin Street, Nam Shing Street, Wai Wan Street Fu Shin Street, Tsing Yuen Street, Yuen Leng Tsuen, Nam Wa Po, Fong Ma Po, Lam Tsuen San Tsuen, Pan Chung Tsuen, Hoi Ha, Pak Sha O	San Uk Pai, Hang Ha Po, Sheung Tin Liu Ha, Ha Tin Liu Ha, Lung A Pai, Elegance Garden, Uptown Plaza, Heung Sze Wui Square, Po Heung Square, Wan Tau Square, Kwong Fuk Square, Nai Chung
12.3.2024 (Tuesday)	Departmental Staff	Yau King Lane to Sports Centre of The Education University of Hong Kong, Lookout Link & RCP, Ko Lau Wan, Tan Ka Wan	Tai Po Kau Lo Wai, Tai Po Kau San Wai, Hung Lam Drive, Ko Lau Wan, Tan Ka Wan
	Contractor Staff	Tung Mau Square, Tung Sau Square, Tung Fat Square, Tung Cheong Street, Luk Heung Lane, Plover Cove Road Market, Tai Wo Tsuen Tai Hang Garden, She Shan Tsuen, Pak Ngau Shek Sheung Tsuen, Pak Ngau Shek Ha Tsuen, Shek Kwu Lung Village, Kam Shan Tsuen, Tin Liu, Kwun Hang,	Che Ha, Tai Hang Fui Sha Wai, Chung Uk Tsuen, Tai Om Tsuen, Pun Chun Yuen, Chat Kan Uk, Kwong Fuk Road, Kwong Fuk Football Ground

Date of Operation	Anti-mosquito Team	Location	
		AM	PM
13.3.2024 (Wednesday)	Departmental Staff	Fo Yin Road, Pak Shek Kok, Tolo Harbour Cycling Track	Shan Tong Road, Shan Yin Road, Tai Po River Pathway
	Contractor Staff	Wai Shin Street, Nam Shing Street, Wai Wan Street, Fu Shin Street, Tsing Yuen Street, Kau Lung Hang Lo Wai, Che Tei Tsuen, Wo Tong Pui Tsuen, Ping Long Tsuen, Classical Gardens	Tsz Tong Tsuen, Tong Sheung Tsuen, Chai Kek Tsuen, Ma Wo Tsuen, Cheung Muk Tau
14.3.2024 (Thursday)	Departmental Staff	Ha Wong Yi Au & RCP, Sheung Wong Yi Au & RCP, Yung Yi Road	Yat Yiu Avenue, Tai Po Road, Marvelous Villa
	Contractor Staff	Tai Hang San Wai, Ma Kwu Lam, Kau Liu Ha, San Tong Tsuen, Pak Tin Kong, Kam Shek New Village, Nga Yiu Tau, Sai Keng	Tong Hang Tung Tsuen, Kiu Tau Road, Wai Tau Tsuen, Ng Tung Chai Tsuen, Chung Shun Lane, Sai O
15.3.2024 (Friday)	Departmental Staff	Sunlight Garden, Hong Shing Garden, Villa Castell, San Uk Ka & RCP	Sha Po Tsai, Cheung Uk Tei, Sunshine Garden
	Contractor Staff	Yung Shue O, Shui Wo, Ma Po Mei, Tai Mong Che, Lam Tsuen River Riverside (North), Lai Chi Chong, Sham Chung, Fong Ma Po	San Uk Tsai, Lam Tsuen River Riverside (South), Chek Keng, Ping Long Tsuen
16.3.2024 (Saturday)	Contractor Staff	Kei Ling Ha Lo Wai, Kei Ling Ha San Wai, Tai Wo Estate, Hong Kong Railway Museum surrounding area, Uk Tau, Ko Tong Ha Yeung, Ko Tong	Kau Lung Hang Tsuen, Hong Lok Villa, Chung Uk Tsuen, Po Nga Court, Contour, SKH Bishop Mok Sau Tseng Secondary School surrounding area