

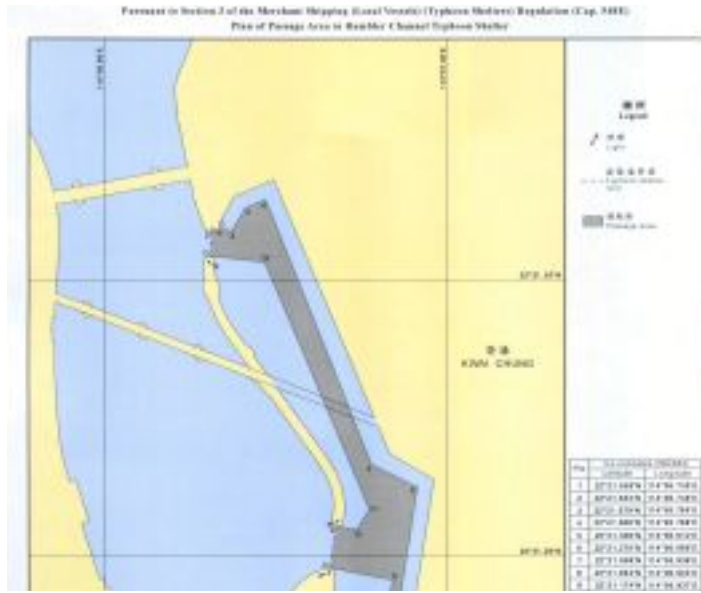
PROBLEM 3

THE LACK OF MONITORING ON THE USE OF TYPHOON SHELTER BY THE BOATS WHICH LEADS TO WATER POLLUTION

Management on the use of Typhoon Shelter in the Site

"(4) On management of typhoon shelters, **all local vessels may enter and remain in any typhoon shelter at any time based on their own operational needs on a first-come-first-served basis**, except in special circumstances such as when vessels are carrying dangerous goods or when the length of a vessel has exceeded the length limit of the typhoon shelter concerned. However, a vessel shall not be anchored within the passage area of the typhoon shelter, nor should it obstruct the free access of other vessels to any unoccupied space in the typhoon shelter..."

Press Release, HKSAR. (2018, November 17). Management of typhoon shelters. Retrieved from <https://www.info.gov.hk/gia/general/201811/07/P2018110700284.htm?fontSize=1>



Problem:

- According to the residents living in the site, some ships have been parking at the typhoon shelter for a long time without any repairment → **the problem oil leakage is not identified** and fixed by the owners
- The Marine Department only patrols in the site for few time a week and **the deterrent effect is not enough**

TYPE 2: WORKING SITE DOG

- A smaller stray dog community with 2-4 dogs
- The working site dogs are originally stray dogs and fed by the cargo workers to guard the working areas now.
- Due to the land contamination and the lack of fresh water source, the health of the members of this community is relatively poor



Level Rodent
Infestation Rate

Indication

1 10%< Rodent infestation is not extensive in the area

2 10% - 19% Rodent infestation is slightly extensive in the area

3 >20% [REDACTED]

Sources of Rodent Infestation

Residential



Improper Management of Refuse
Collection Point



Disposal of Furnitures
Absence of Cover for the Rubbish Bins

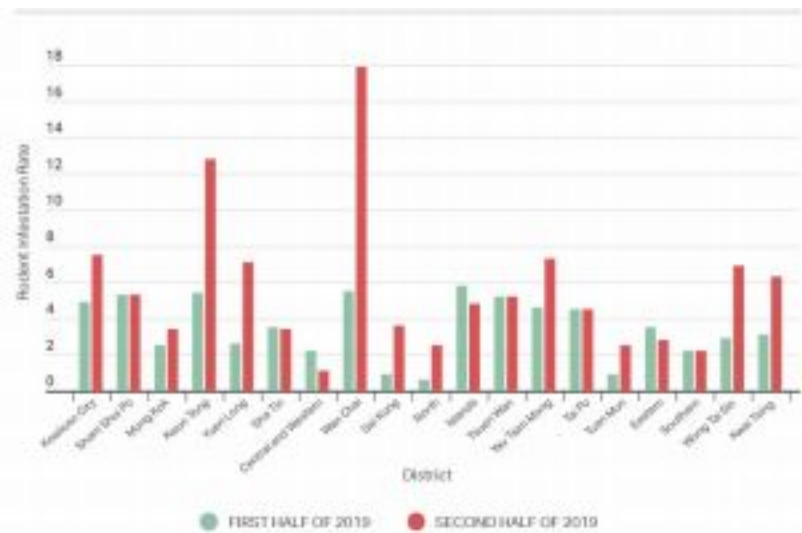


Illegal Dumping of Household Waste



Commercial & Cargo Areas

Kwan Chung Park



Illegal Dumping of Waste
Illegal Dumping of



Construction & Cargo
Material



Accumulation of Water in
Drainage Channels



PROBLEM

MOSQUITO PROBLEM IN RESIDENTIAL AREAS

- Both Lai King and Kwai Chun has mosquito problems but the AGI is relative low compared to other districts, as the **mosquito problem mainly occurs in the residential areas.**

Level Gravidtrap Index for *Aedes albopictus*

1 G.I. < 5%

2 5% ≤ G.I. < 20%

3 20% ≤ G.I. < 40%

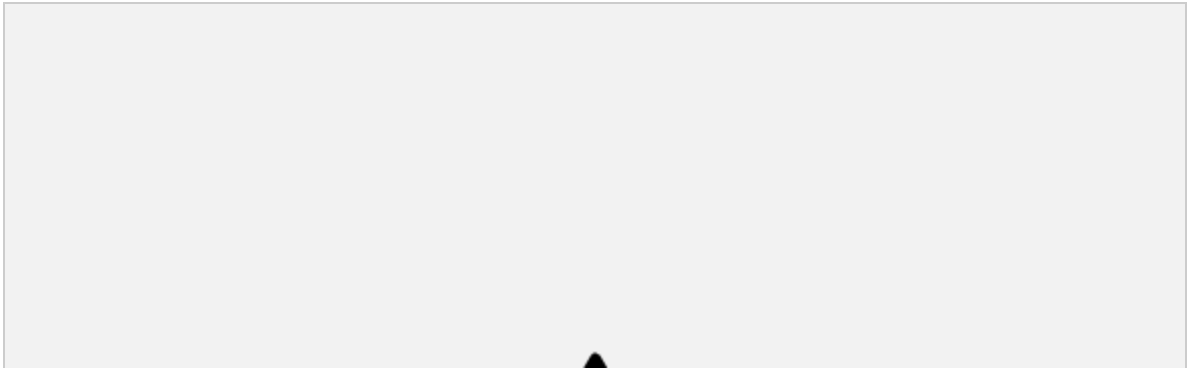
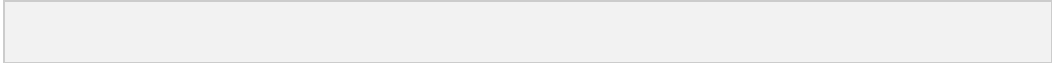
4 G.I. ≥ 40%

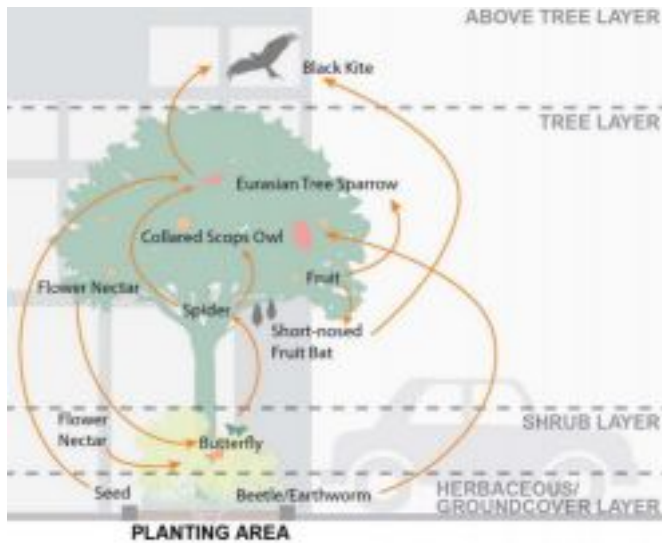
Site Apr May Jun Jul Aug Kwai Chung AGI (Area Gravidtrap Index for *Aedes albopictus*) 5.4% 9.6% 5.4% 2.7% 4.3% ADI (Area Density Index for *Aedes*

albopictus) 1.0 1.0 1.0 1.0 1.0 Lai King AGI (Area Gravidtrap Index for *Aedes albopictus*) 17.1% 21.0% 21.0% 13.7% 10.5% ADI (Area Density Index for *Aedes*

albopictus) 1.3 1.2 2.0 1.1 1.0 Food and Environmental Hygiene Department. (2020, September 25). Dengue Fever Gravidtrap Index Update. Retrieved from

https://www.fehd.gov.hk/english/pestcontrol/dengue_fever/ovitrap_index.html





Complementary Vegetation Community Mix

http://www.greening.gov.hk/filemanager/content/pdf/knowledge_database/street_tree_selection_replacement_guide/Chpt_9.pdf

- Only Kwai Chung Park and the Greenbelts fulfill the requirement for complementary vegetation community and support the ecological communities.
- The vegetation in existing green areas are unable to support a diverse ecological community and the biological value is relatively low.