

SOP-DENGUE PREVENTION

ANX - A

Housing Complex

1. Dengue fever is a mosquito-borne viral infection that poses a significant public health challenge in tropical and subtropical regions. The standard Operating Procedures (SOP) outlined in this document are designed to provide a structured and effective approach for the dengue prevention and ensure coordinated efforts by villa owners/ tenants and DRGCC management to fight dengue threat. By adhering to these guidelines, DRGCC can maintain a high standard of care and contribute to the broader goal of dengue control and elimination at housing complex as following;

a. Duration of Dengue Season

- (1) 1st March to 30th April
- (2) 15th July to 30th November

b. S&F Office Responsibilities

- (1) Daily cleaning of housing complex including parks, extra lands, drains, filtration plants, check posts, offices & mosques.
- (2) Fog spray in housing complex.
- (3) Ensure non-accumulation of water at any down points of parks, road drain & area around trees.
- (4) In case of standing water, use of temephos powder to avoid dengue larva production.
- (5) Use of Temephos powder in fountain water tanks.
- (6) After every rain during dengue season Sr. Supervisor will ensure the inspection of housing complex to avoid water accumulation at any corner.
- (7) The Sr. Supervisor will conduct awareness session to the employees/ workers of housing complex regarding dengue control.
- (8) Visit of under modification villas to ensure anti dengue measures.
- (9) Security staff to use approved insect repellents on exposed skin.
- (10) Conduct Govt dengue team visit for inspection of anti-dengue measures at housing complex.
- (11) Ensure anti-dengue spray (Guardian) twice a week at following location of housing complex.
 - (a) External area of all villas
 - (b) 5 x Offices

- (c) 2 x Mosque
- (d) 2 x Shop areas
- (e) 2 x Gates & check posts
- (f) Filtration plants
- (g) Extra lands
- (h) 3 x Play parks
- (j) Grid station

c. **Owner/ Tenant Responsibilities**

- (1) Daily cleaning of villa.
- (2) All villa owner/ tenant will ensure no standing water in planters inside villas.
- (3) Ensure no bird pots at roof top and villa lawns.
- (4) Ensure drainage of AC drain into drainage system.
- (5) Install window and door screens/ nets to block mosquito entry.
- (6) Roof top cleaning and no garbage on roof top.
- (7) Use of mosquito repellents.
- (8) Ensure no standing water in planters placed in open area.
- (9) Water used in air coolers be replaced twice a week.
- (10) Cooperation with Govt dengue team during inspections.

d. **Under Renovation Villas**

- (1) Try not to let water accumulate in the basement.
- (2) Sump pumps and dewatering must be installed so that water can be removed immediately if it accumulates.
- (3) Underground water tanks should be covered.
- (4) When applying water to bricks and walls, ensure that the water does not collect near them.
- (5) Construction waste/ debris be removed without wastage of time.
- (6) If water pipes are leaking from anywhere, they should be repaired immediately.
- (7) Spray mosquito repellent in villas to prevent dengue mosquitoes.
- (8) Ensure use of replellents by labour.
- (9) Display Govt anti-dengue instructions panaflex at construction site.