

Common Mosquito Breeding Places:
Construction Sites



Section B

Construction Area

Puddles On Ground And Concrete Floor At All Levels



Causes of mosquito breeding

- Water stagnation on uneven ground and concrete floor



Preventive/remedial measures

- Clear stagnant water regularly
- Apply anti-mosquito oil to stagnant water regularly, and re-apply after heavy rain



Building Materials - Zinc Sheets, Form Work, Steel Bars, Metal Beams, Pipings, Uninstalled Toilets, Etc Including Canvas Sheets



Causes of mosquito breeding

- Water stagnation on
 - a) materials
 - b) ground below materials
 - c) canvas sheets covering materials



Preventive/remedial measures

- Store building materials under shelter
- Avoid using canvas to cover materials

Demolition Debris



Causes of mosquito breeding

- Water stagnation on
 - a) debris
 - b) ground below piled-up debris



Preventive/remedial measures

- Dispose of demolished debris regularly



Equipment And Machineries, Including Excavators, Etc



Causes of mosquito breeding

- Collection of water in equipment and machinery parts



Preventive/remedial measures

- Apply anti-mosquito oil regularly to parts that may collect water and re-apply after heavy rain



Water Storage/ Filtration/ Sedimentation Tanks, Drums, Containers



Causes of mosquito breeding

- Collection of water in storage tanks, drums and containers, including water stagnation on covers of the items



Preventive/remedial measures

- Cover tanks, drums and containers properly and store them under shelter
- Cover all tank outlets with anti-mosquito netting and replace all damaged nettings



Barriers



Causes of mosquito breeding

- Collection of rainwater at bottom of barriers due to
 - a) missing covers
 - b) gaps and cracks



Preventive/remedial measures

- Cover and seal the barriers properly
- Replace damaged barriers





Trenches



Causes of mosquito breeding

- Collection of rainwater in trenches



Preventive/remedial measures

- Pump out water from trenches periodically
- Apply anti-mosquito oil to stagnant water regularly, and re-apply after heavy rain

Bulk Waste Containers, Skips & Refuse Bins



Causes of mosquito breeding

- Collection of rainwater in containers, tanks and bins, and on the ground below containers and tanks



Preventive/remedial measures

- Clear containers, tanks and bins regularly
- Apply anti-mosquito oil to the ground below containers and tanks regularly, and re-apply after heavy rain



Sump Pits/ Silt Traps



Causes of mosquito breeding

- Accumulation of water in pits and traps



Preventive/remedial measures

- De-silt pits and traps regularly
- Apply anti-mosquito oil to stagnant water regularly, and re-apply after heavy rain



Drains/ Temporary Channels Constructed For Drainage



Causes of mosquito breeding

- Water stagnation in drains and channels due to
 - a) blockages
 - b) poor gradient



Preventive/remedial measures

- Carry out regular cleaning to prevent blockages
- Re-grade uneven drains and channels



Vehicle Wash Bays



Causes of mosquito breeding

- Stagnation of water in wash bays when not in use



Preventive/remedial measures

- Apply anti-mosquito oil to stagnant water regularly, and re-apply after heavy rain

Lift Wells



Causes of mosquito breeding

- Collection of rainwater in lift wells



Preventive/remedial measures

- Apply anti-mosquito oil to stagnant water regularly, and re-apply after heavy rain



Planter Boxes



Causes of mosquito breeding

- Collection of rainwater in partially completed planter boxes



Preventive/remedial measures

- Apply anti-mosquito oil to stagnant water regularly, and re-apply after heavy rain

Discarded Items & Receptacles



Causes of mosquito breeding

- Water stagnation in discarded receptacles



Preventive/remedial measures

- Carry out regular cleaning and disposal of unwanted articles



Storage Yard



Puddles On Ground And Concrete Floors

For details, refer to page 60:
Construction Area – Puddles On Ground
And Concrete Floor Of All Levels

Freight Containers

Container And Canvas Roof, Including Secondary Roof



Causes of mosquito breeding

- Water stagnation on and below roofing



Preventive/remedial measures

- Avoid using canvas roof and secondary roofing





Ground Below Containers



Causes of mosquito breeding

- Water stagnation on ground below containers



Preventive/remedial measures

- Apply anti-mosquito oil to ground below containers regularly, and re-apply after heavy rain

Building Materials - Zinc Sheets, Form Work, Steel Bars, Metal Beams, Pippings, Uninstalled Toilets, Etc Including Canvas sheets



For details, refer to page 60:
Construction Area – Building Materials



Equipment and Machineries

For details, refer to page 61:
Construction Area –
Equipment And Machineries

Concrete Test Cube Tanks



Causes of mosquito breeding

- Water stagnation in concrete test cube tanks



Preventive/remedial measures

- Apply BTI briquettes periodically



Tool Boxes



Causes of mosquito breeding

- Collection of rainwater in metal and wooden tool boxes



Preventive/remedial measures

- Empty all water in tool boxes
- Store tool boxes under shelter, away from rain



Paint Cans



Causes of mosquito breeding

- Water stagnation in paint cans, including collection of rainwater on lid of cans



Preventive/remedial measures

- Store paint cans under shelter, away from rain



Discarded Items & Receptacles

For details, refer to page 64:
Construction Area –
Discarded Items & Receptacles

Container Office

Freight Containers

For details, refer to page 64:
Storage Yard – Freight Containers



Air-Conditioner Drip Trays



Causes of mosquito breeding

- Collection of condensate in aircon drip trays



Preventive/remedial measures

- Remove aircon drip trays

Any Other Water Bearing Receptacles

For details, refer to page 64:
Construction Area –
Discarded Items & Receptacles





Living Quarters Freight Containers

For details, refer to page 64:
Storage Yard – Freight Containers



Plastic Containers/ Cooking Pots & Pans/ Domestic Containers



Causes of mosquito breeding

- Water stagnation in plastic containers, cooking pots and pans and other domestic containers



Preventive/remedial measures

- Remove containers where possible
- Empty all water in containers and receptacles



Discarded Items & Receptacles

For details, refer to page 64:
Construction Area – Discarded Items & Receptacles



Toilet & Bathroom

Concrete Floor



Causes of mosquito breeding

- Water stagnation on uneven floor



Preventive/remedial measures

- Re-grade uneven floor

Pails (Including Rim of Overturned Pails)/ Plastic Containers



Causes of mosquito breeding

- Water stagnation in pails and containers, including rim of overturned pails



Preventive/remedial measures

- Empty all water in pails and containers

Toilet Cisterns & Unused Toilet Bowls



Causes of mosquito breeding

- Stagnation of water in both cisterns and toilet bowls



Preventive/remedial measures

- Drain out all water in unused cisterns
- Cover and seal unused toilet bowls
- Seal off overflow outlets of cisterns

Bathing Point Concrete Tanks



Causes of mosquito breeding

- Water in bathing point concrete tanks



Preventive/remedial measures

- Drain out tanks regularly and scrub the inside of tanks



Drainholes Of Unused Sinks



Causes of mosquito breeding

- Water stagnation in drainholes of unused sinks



Preventive/remedial measures

- Cover and seal unused sinks



Gully/ Floor Traps



Causes of mosquito breeding

- Water stagnation in gully/ floor traps



Preventive/remedial measures

- Install anti-mosquito valve into traps
- Seal up traps that are no longer in use

Cooking & Washing Area

Cooking Pots & Pans/ Domestic Containers



Causes of mosquito breeding

- Water stagnation in cooking pots and pans and other domestic containers



Preventive/remedial measures

- Empty all water in containers regularly

Discarded Items & Receptacles

For details, refer to page 64:
Construction Area –
Discarded Items & Receptacles

