

Mosquito Breeding Habitat Prevention Checklist for Urban Development and Construction Zones



The United States is home to hundreds of mosquito species, each posing its own dangers to humans, pets, and wildlife. Mosquitoes can carry nearly two dozen infectious diseases that cause a broad spectrum of symptoms, from itchy bites and rashes to life-threatening sickness. Mosquitoes can find ideal breeding habitats in any outdoor space, particularly in areas under construction and redevelopment which often contain tools, vehicles, and equipment and tend to be surrounded by natural areas with tall weeds, hollow logs, and standing water. Something as small as a bottle cap can hold dozens of mosquito larvae, so dump any standing water you see!



Refer to our checklist on the back of this sheet to identify and eliminate common mosquito breeding habitats around your jobsite.



Though mosquitoes are most active at dawn and dusk, they can pose risks to work crews at any time of day. Identifying and eliminating mosquito breeding habitats in construction zones is key to keeping workers safe from nuisance bites and infectious diseases like Zika, St. Louis Encephalitis, Yellow Fever, West Nile virus, and other dangerous pathogens.

Checklist for Identifying and Eliminating Mosquito Breeding Habitats



To lay their eggs, mosquitoes require standing water, which can collect in many unexpected places. Eradicating mosquitoes is no simple task. However, getting to the root of the problem by removing, cleaning, or regularly flushing sources of standing water can prevent populations from getting out of hand in the first place. Refer to this checklist when evaluating outdoor areas for standing water:

Refer to this checklist when evaluating outdoor areas for standing water:



✓	Cover all garbage cans and dumpsters
✓	Empty standing water in toolboxes, tarps, and buckets
✓	Keep grass cut and shrubbery trimmed
✓	Dispose of old tires, cans, buckets, and bottles
✓	Drain standing water from truck beds
✓	Dry construction machinery after rainfall
✓	Remove standing water from concrete slabs
✓	Empty wheelbarrows after rainfall
✓	Fill in or drain ditches and puddles
✓	Keep stormwater parts and culverts clean of weeds and trash
✓	Clean out gutters and rain barrels
✓	Add fountains to irrigation ponds and decorative lakes



With the support of an Integrated Mosquito Management (IMM) program, managers can educate employees about the identification and prevention of breeding habitats, as well as ways to better protect themselves when working outdoors.