



Mosquito management consultancy

Practical experience. Scientific expertise.

Specialist advice for governments, municipalities and organisations commissioning, improving or overseeing mosquito control programmes in the UAE, Saudi Arabia, Qatar and Oman.

We help clients define the problem, commission the right work and evaluate delivery. Our scope connects field surveys and surveillance with programme design, technical assurance and laboratory support.

Who we support

Government departments and municipalities; public-health commissioning teams; developers and residential communities; hotels and resorts; facilities managers and mosquito-control service providers.

Surveys and risk assessment

Review species, potential breeding sources, site conditions and existing surveillance. Establish a prioritised assessment and identify the evidence needed to investigate nuisance and potential health concerns.

Programme design and procurement

Develop an integrated programme covering source management, larval and adult interventions, with monitoring to guide adjustment. Prepare service specifications, tender requirements and a performance framework.

Technical audits and contractor oversight

Review field practice, records and reporting against the agreed brief. Identify delivery gaps, assign corrective-action priorities and define how improvement will be verified.

Policy drafting and protocol writing

Prepare organisational policies, operational protocols and standard operating procedures. Define responsibilities, decision points, reporting requirements and escalation arrangements.

Training and development advice

Tailor technical training to client teams, supervisors and service providers. Review landscaping, irrigation, drainage and maintenance interfaces during development planning and ongoing operations.



SPECIALIST LABORATORY SUPPORT

Connect laboratory findings with field decisions

Testing is delivered through contracted laboratories. Mosquito Arabia defines the commissioning brief, coordinates sampling requirements and interprets findings within the management programme. Test availability, sample acceptance and turnaround are confirmed before commissioning.

Molecular species identification

Resolve species identification where appropriate molecular methods can answer a defined surveillance question. Combine laboratory findings with morphology, collection records and habitat information to target the programme.

Pathogen PCR and RT-PCR screening

Commission testing for specified pathogens relevant to the species and local risk assessment. Interpret detection in context: a positive result alone does not establish an infectious mosquito or transmission to residents, and a negative sample is not a community-wide all clear.

Insecticide resistance investigation

Screen for specified genetic markers associated with resistance and arrange appropriate phenotypic susceptibility bioassays where required. Use results alongside field performance to review insecticide selection and the wider control strategy. A genetic marker alone does not establish treatment failure.

A defined brief and usable outputs

An engagement can produce a survey and sampling plan, prioritised risk assessment, programme or tender specification, technical audit, policy or protocol, training package, or an interpreted laboratory findings report. Deliverables, responsibilities and review points are agreed for each commission.

How an engagement starts

Tell us the country, site or programme type, current arrangements and the decision you need to make. We agree the scope, required evidence and deliverables before work begins. Laboratory routes and any permissions are agreed before specimen collection or dispatch.

Discuss your programme

mosquitoarabia.com

Consultancy and laboratory coordination. Laboratory findings support technical decisions and the relevant public-health assessment; they do not diagnose illness in residents.