

SUMMARY REPORT ON VECTOR INTERCEPTION RESPONSE
(MOSQUITO/RODENT/OTHER)

*This report summarises PHU response actions and control measures for a vector interception response. Submit following a confirmed exotic mosquito (Laboratory ID) or pest of public health significance interception **within 24 hours of initial notification**.*

Send to: notifyenvhealth@moh.govt.nz

Date/Time submitted: 02/11/2018 10:00hrs

Person Submitting Report: Sally Giles, Health Protection Officers

Organisation: Auckland Regional Public Health Service

Appointment: Health Protection Officer/Biosecurity Authorised Person

Contact Tel Number: 09 623 4600

Findings (complete sections that apply) Where information is not available or does not apply note this in the relevant space.		
	Item	Comments
1	Notification received from Name and occupation Company/organisation Contact details	Mike Brown Quarantine Officer Ministry of Primary Industries Phone: 0275899539 Email: mike.brown@mpi.govt.nz
2	Details of vector discovered Date/Time notified to PHU, Vector type (mosquito (adult, larva, pupae) or rodent Number. Dead or alive	1 Nov ,2018 0900 p.m One Live Adult Mosquito
3	Circumstance of discovery Location (point of entry, transitional facility, craft, other) When & how found	At AirNZ Cargo Hub at Auckland Airport. During transfer of a 'cargo can' of electrical equipment and general goods from Columbia at Transitional Facility, Quarantine officer saw live mosquitoes fly out.
4	Risk assessment Craft arrival date into NZ	• LA801 30/10/18 05:05hrs

	<p>Last port/s of call Origin and type of goods, owner of the goods, distribution Treatment Vector management activities (IPM, SSC) Current surveillance activity</p>	<ul style="list-style-type: none"> • Electrical equipment and general goods ex Columbia arrived from LA • Products imported by Mukund & Priyanka Ent • The 'can' was received at Air Cargo facility on 31/10/2018. • On being moved on the morning of 1 Nov, it was noticed that the door cover was not secure and on closer inspection live adult mosquitoes were seen to fly out of the 'can'. Container immediately closed. • MPI arranging fumigation.
5	<p>Sample-collection and despatch Date/Time collected/despached, sample number</p>	<ul style="list-style-type: none"> • 1 x live mosquito caught & secured by MPI Officer Mike Brown at 0800am. • 1000 Collected/secured the specimen & the Biosecurity Handover Certificate from Mike Brown at Air Cargo facility. • Mosquito specimen image was forwarded to NZBEL for identification. Preliminary ID by Mariana at NZBEL indicated the specimen is likely an exotic. • Sub60 courier of sample (JPR1266) to NZBEL. was arranged. Consignment details were provided to Mariana at NZBEL. ETA in Wellington 21:05pm.
6	<p>Laboratory initial identification Date/Time</p>	<p>01/10/18 23:26hrs Preliminary Results from NZBEL Specimen JPR1266 identified as a female <i>Ae aegypti</i>. Specimen image has been sent to John Clancy for confirmation.</p>
7	<p>Delimit Survey- Brief outline of your survey response Date/Time survey conducted (attach map/sketch) of interception site if possible Outline the survey area Findings from the survey Risk assessment outcome</p>	<ul style="list-style-type: none"> • NZBEL / MoH requested a delimiting survey and surveillance traps to be deployed due to the exotic species ID. • 10:00hrs 1 Nov Arrived Onsite and met with Mike. Initial delimiting survey conducted. Potential habitat identified and treated. TF grounds generally well maintained. <p>The risk of further mosquito activity was deemed medium based on the following:</p> <ul style="list-style-type: none"> • The contained goods ex Columbia • Nil treatment on goods prior to arrival in NZ

		<ul style="list-style-type: none"> • MPI officer allegedly saw a number of mosquitoes fly out. • After discussion with MoH and NZB it was agreed additional light trap and BG trap to be set up (see attachments)
8	PHU Actions Enhanced surveillance/trapping (attach map or plan if available) Trapping Plan-locations Recommendations to site Consider management (including treatment) of goods, craft, port airport, wider area, surrounding area	<ul style="list-style-type: none"> • Traps to be checked on 2 Nov by the Border Health Team. • Sample details to be entered into the database.
9	MPI Actions Name of treatment agent applied Other MPI controls implemented	RentoKil Nz Ltd undertaking fumigation at approximately 14:00hrs on 2/11/18.
10	Notifications (where relevant) – who and when <ul style="list-style-type: none"> <input type="checkbox"/> MoH Environmental and Border Team <input type="checkbox"/> Own PHU staff <input type="checkbox"/> MPI <input type="checkbox"/> Port/Airport Authority <input type="checkbox"/> Local Authority <input type="checkbox"/> Other PHUs for follow-up 	
Additional Comment ARPHS on call staff alerted to probable activation of surveillance plans for three breeding cycles.		

Photos:

Mosquito

Light Trap

