

Sample Sheet examples

These pages contain examples on how to enter accurate information into the online database.

If you are not able to find a particular sample type or situation in these lists please contact the lab at laboratory@smsl.co.nz and ask for help. They are there to support your job.

The GPS coordinates must be obtained using the WGS84 datum and expressed in Latitude-Longitude (DMS). Coordinates must be entered in the online database following this format:

GPS North: 36 58 21.42 S

GPS East: 174 47 11.01 E

Sample Sheets examples

Tyre Trap – Negative sample	3
Light Trap – Positive sample	4
Light Trap – Negative sample	5
Suspected Interception – positive for exotic mosquitoes	6
Suspected Interception – Mosquito found alive	7
Suspected Interception – non-mosquitoes detected	8
GAT trap – Positive sample	9
GAT trap – Negative sample	10
Pond – Positive sample	11
Pond – Negative sample	12
BG Trap – Positive sample	13
Artificial Container – Negative sample	14
Artificial Container – Positive sample	15
Sump – Positive sample	16
Natural Container – Positive sample	17

Tyre Trap – Positive sample

Notes: This tyre trap is located in a port of entry (POE) and is part of a mosquito routine surveillance programme. The trap is checked once a week.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
1	1

Trap Type	Trap Nights
Tyre Trap	7

Control/treatment	Temperature	Salinity	Attractants
S-Methoprene			Water

Tyre Trap – Negative sample

Notes: This tyre trap is part of an International Airport mosquito routine surveillance and is checked once a week.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
1	0

Trap Type	Trap Nights
Tyre Trap	7

Control/treatment	Temperature	Salinity	Attractants
S-Methoprene			Water

Light Trap – Positive sample

Notes: This light trap is part of a POE routine surveillance and is checked every three days.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
Light Trap	3

Control/treatment	Temperature	Salinity	Attractants
			Light + CO2

Light Trap – Negative sample

Notes: This light trap was set up after NZB confirmed the interception of an exotic mosquito in a transitional facility.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other: Enhanced Surveillance				

Positive/Negative Sample		Sample Type:			
Positive	Negative	Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
Light Trap	3

Control/treatment	Temperature	Salinity	Attractants
			Light + CO2

Suspected Interception – positive for exotic mosquitoes

Notes: MPI contacted you about a mosquito found in a container from foreign origin. The sample was identified as an exotic mosquito.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample		Sample Type:			
Positive	Negative	Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips	Trap Type	Trap Nights
N/A	N/A	Not a Trap	

Control/treatment	Temperature	Salinity	Attractants

Suspected Interception – Mosquito found alive

Notes: MPI contacted you about a mosquito found alive while checking a pellet of bananas from Ecuador in the MPI search room. Preliminary ID of the mosquito suggests Culex sp. You have sent the sample to the lab and are awaiting final identification.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Suspected Interception	Delimiting
Other:				

Positive/Negative Sample		Sample Type:			
Positive	Negative	Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
Not a Trap	

Control/treatment	Temperature	Salinity	Attractants

Suspected Interception – non-mosquitoes detected

Notes: MPI contacted you about a suspected mosquito found in a container from foreign origin. The sample was identified in the NZB Entomology Laboratory as a fungus gnat

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Suspected Interception	Delimiting
Other:				

Positive/Negative Sample		Sample Type:			
Positive	Negative	Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
Not a Trap	

Control/treatment	Temperature	Salinity	Attractants

GAT trap – Positive sample

Notes: This GAT (Gravid *Aedes* Trap) trap is part of a routine surveillance programme and is checked every 14 days.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat – Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond		

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
GAT	14

Control/treatment	Temperature	Salinity	Attractants
Barrier Spray			Water

GAT trap – Negative sample

Notes: This GAT (Gravid *Aedes* Trap) trap is part of a routine surveillance programme and is checked every 7 days.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample		Sample Type:			
Positive	Negative	Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
GAT	7

Control/treatment	Temperature	Salinity	Attractants
Barrier Spray			Water

Pond – Positive sample

Note: This pond has been sampled after a member of the public informed that they were being bitten by exotic mosquitoes.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other: Public Complaint				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
10	8

Trap Type	Trap Nights
Not a Trap	N/A

Control/treatment	Temperature	Salinity	Attractants
<i>BTI</i>			Water

Pond – Negative sample

Note: This pond is located in a high risk area in a POE and is included in the routine mosquito surveillance programme.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
10	0

Trap Type	Trap Nights
Not a Trap	N/A

Control/treatment	Temperature	Salinity	Attractants
BTI			Water

BG Trap – Positive sample

Note: This BG trap is located inside an International Airport and is checked once a week.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
N/A	N/A

Trap Type	Trap Nights
BG Trap	7

Control/treatment	Temperature	Salinity	Attractants
			BG Lure

Artificial Container – Negative sample

Notes: An unkept pool is found near a POE during a 400m survey on neighbouring property.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample		Sample Type:			
Positive	Negative	Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
10	0

Trap Type	Trap Nights
Not a Trap	

Control/treatment	Temperature	Salinity	Attractants
<i>BTI</i>			Water

Artificial Container – Positive sample

Notes: A small plastic container was found during a routine surveillance in port. The contents were emptied for mosquito larval inspection. The container was disposed of.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
1	1

Trap Type	Trap Nights
Not a Trap	

Control/treatment	Temperature	Salinity	Attractants
			Water

Sump – Positive sample

Notes: A sump was sampled during a 400m survey.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
3	2

Trap Type	Trap Nights
Not a Trap	

Control/treatment	Temperature	Salinity	Attractants
<i>BTI</i>			Water

Natural Container – Positive sample

Notes: Tree hole holding water found during a delimiting survey, after an exotic mosquito was intercepted in a transitional facility.

Reason for Sampling:				
Routine	400m Survey	Mega Survey	Interception	Delimiting
Other:				

Positive/Negative Sample	
Positive	Negative

Sample Type:			
Adult	Larvae	Pupae	Other:

Habitat Category:				
Trap Option	Artificial Container	Natural Container	Flowing Stream	Lake Edge
Intermittent Ephemeral Puddle	Swamp/Marsh	Subterranean Habitat - Natural	Subterranean Habitat – Artificial	
Ponded Stream	Permanent Pond	Temporary Pond	Suspected Interception	

Total Dips	Positive Dips
2	1

Trap Type	Trap Nights
Not a Trap	

Control/treatment	Temperature	Salinity	Attractants
<i>BTI</i>			Water