Immediate notification report

Report reference: REF OIE 12939, Report Date: 29/01/2013, Country: Hong Kong (SAR - PRC)

Report Summary

Name of sender of the report: Dr Thomas Sit
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Date submitted to OIE: 29/01/2013

Animal type: Terrestrial
Disease: Highly pathogenic avian influenza
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N1

Country or zone: the whole country

Date of report: 29/01/2013
Date of start of the event: 25/01/2013
Date of pre-confirmation of the event: 29/01/2013
Date of last occurrence: 26/07/2012
Reason: Recurrence of a listed disease
Diagnosis: Laboratory (advanced)

Number of reported outbreaks: submitted = 1, Draft = 0

Outbreak details

Province: HONG KONG - (this report - submitted)

District: Tuen Mun
Sub-district: Not applicable
Location: Mouse Island children’s playground, Hoi Wing Road

Species: Black-headed Gull (Laridae, Larus ridibundus)

Measuring units: Animals

Susceptible: 1
Cases: 1
Deaths: 1
Destroyed: 0
Slaughtered: 0

Latitude: 22.382916
Longitude: 113.97569
Start Date: 25/01/2013
End Date: 25/01/2013

Affected population: A black-headed gull was collected on 25 January 2013 at Mouse Island children’s playground, Hoi Wing Road, Tuen Mun. The black-headed gull is a common winter visitor in Hong Kong.

Outbreak summary: Total outbreaks = 1 (Submitted)

Epidemiology

Epidemiological comments:
An intensive surveillance system is in place for all poultry farms, poultry markets and pet bird shops in Hong Kong. The H5N1 infected wild bird was detected in our ongoing surveillance program on wild birds. No spread of disease was evident. The date of closure of the event is the date of end of the outbreak which is the date the bird was found (i.e. 25 January 2013).

Source of the outbreak(s) or origin of infection:
• Unknown or inconclusive

Measures applied

Applied:
• screening
• disinfection of infected premises/establishment(s)

To be applied:
• no planned control measures

Animals treated:
Vaccination Prohibited

Diagnostic test results

Laboratory Type: Regional Reference Laboratory
Name of Laboratory: Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong
Species: Black-headed Gull
Test Type: gene sequencing

Result: Pending
<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date Results Provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Black-headed Gull</td>
<td>polymerase chain reaction (PCR)</td>
<td>29/01/2013</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Black-headed Gull</td>
<td>immunohistochemical test</td>
<td>29/01/2013</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Black-headed Gull</td>
<td>virus isolation</td>
<td></td>
<td>Pending</td>
</tr>
</tbody>
</table>

**Future Reporting**

The report and all its outbreaks have been resolved.