### Report Summary

**Name of sender of the report**
Dr Nigel Gibbens  
**Telephone**
+442072386495  
**Fax**
+442072385875  
**Address**
Food and Farming Group  
Area 5B, Nobel House  
17 Smith Square  
LONDON SW1P 3JR  
**Email**
nigel.gibbens@defra.gsi.gov.uk  
**Date submitted to OIE**
21/11/2014

**Animal type**
Terrestrial  
**Date of report**
21/11/2014

**Disease**
Highly pathogenic avian influenza  
**Date of start of the event**
14/11/2014

**Causal Agent**
Highly pathogenic avian influenza virus  
**Date of pre-confirmation of the event**
16/11/2014

**Serotype(s)**
H5N8  
**Date of last occurrence**
20/08/2008

**Reason**
Reoccurrence of a listed disease  
**Diagnosis**
Laboratory (advanced)

**Country or zone**
a zone or compartment  
**Clinical signs**
Yes

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

### Outbreak details

<table>
<thead>
<tr>
<th>County</th>
<th>Number of outbreaks</th>
<th>Province</th>
<th>District</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLAND-other report</td>
<td></td>
<td></td>
<td></td>
<td>Farm</td>
<td>East Riding of Yorkshire</td>
<td>54.029</td>
<td>-0.3751</td>
<td>14/11/2014</td>
<td>21/11/2014</td>
</tr>
</tbody>
</table>

### Species

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>6178</td>
<td>803</td>
<td>803</td>
<td>5375</td>
<td>0</td>
</tr>
</tbody>
</table>

### Affected Population
Housed duck breeding flock of approximately 6,000 60-week-old birds.
- The birds showed signs of slightly raised mortality and a gradual but marked drop in egg production.
- An underlying bacterial / fungal infection is likely to have preceded the infection by avian influenza contributing to presentation of clinical signs.

Update on 21/11/2014 - As the birds have been destroyed and preliminary cleansing and disinfection is completed, this outbreak has now been closed.

### Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>6178</td>
<td>803</td>
<td>803</td>
<td>5375</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**
The epidemiological investigation is ongoing and disease control measures are being applied as below. Updates will be provided in the weekly reports as further information becomes available.

**Source of the outbreak(s) or origin of infection**
- Unknown or inconclusive

### Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
<th>Measures applied</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>• stamping out</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• quarantine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• movement control inside the country</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• screening</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• zoning</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• disinfection of infected premises/establishment(s)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Animals treated</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Diagnostic test results

<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>
</table>

Printed on: Fri Nov 28 18:20:32 CET 2014  
Page 1/3
<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>OIE’s Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA) Weybridge</td>
<td>Birds</td>
<td>intravenous pathogenicity index (IVPI) test</td>
<td>Pending</td>
<td></td>
</tr>
<tr>
<td>OIE’s Reference Laboratory</td>
<td>Animal and Plant Health Agency (APHA) Weybridge</td>
<td>Birds</td>
<td>neuraminidase inhibition assay</td>
<td>18/11/2014</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

The event is continuing. Weekly follow-up reports will be submitted.
Outbreak maps