<table>
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<th>No</th>
<th>Exhibit Name</th>
<th>Page</th>
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<tbody>
<tr>
<td>1</td>
<td>P1242 Location plan_Blithfield Reservoir.pdf (P1242)</td>
<td>2</td>
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<td>2</td>
<td>P1243 Bird diverters and Blithfield SSSI.pdf (P1243)</td>
<td>3 - 4</td>
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<tr>
<td>3</td>
<td>P1244 PAL - 08042019.pdf (P1244)</td>
<td>5 - 8</td>
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Environmental mitigation for illustrative OHL Parkgate connection baseline scheme with SSSI.

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Legend
- Illustrative Parkgate Overhead Line Grid Supply Point Connection
- Site of Special Scientific Interest (SSSI)

Community Area
CA1 Fradley to Colton

Scale at A3: 1:25,000
Blithfield Reservoir Site of Special Scientific Interest (SSSI)

- The Parkgate grid supply point connection passes through the Blithfield Reservoir SSSI impact risk zone, along River Blithe. The SSSI is located approximately 1.1km west of the proposed Parkgate grid supply point connection.
- Bird collision risk assessments will be carried out and any appropriate mitigation required (e.g. bird diverters and habitat creation) will be provided to address the risk to birds appropriately.
- The Parkgate GSP connection is downstream of Blithfield Reservoir dam, but the risk of dam failure is negligible.
Assurances offered on Blithfield Reservoir

The following assurances have been offered to the West Midlands Bird Club:

**Bird Electrocution/Collision Risk**

1. The Secretary of State will require the nominated undertaker prior to the construction of the Parkgate Grid Supply Point Connection, to develop a species-specific assessment of bird collision risk from the siting of the overhead lines in the vicinity of Blithfield Reservoir SSSI. This assessment will include consideration of the following measures:
   a. appropriate surveys for all bird species that are relevant to the designation of Blithfield Reservoir SSSI; and
   b. recommendations for the installation of bird diverters where detailed survey work shows installation will be required in accordance with National Policy Statement for Electricity Networks EN-5 2011.

**Bird forage impact - Floodplain grazing marsh alongside River Blithe**

2. The Secretary of State will require the nominated undertaker during the detailed design and construction of the Parkgate Grid Supply Point Connection to limit the loss of floodplain grazing marsh and associated habitats alongside the River Blithe in the vicinity of Little Blithe habitat (as described in Supplementary Environmental Statement 2) to no more than that reasonably required to implement the Proposed Scheme. Where this habitat is lost as a result of construction of the Parkgate Grid Supply Point Connection, the nominated undertaker will be required to implement habitat creation and reinstatement measures to compensate for the loss of floodplain grazing marsh habitat so far as doing so can be done:
   a. within the existing powers of the Bill and without the need for any additional land from that identified on the deposited plans as within the limits of land to be acquired or used for the purposes of the Proposed Scheme;
   b. without introducing any new or different significant environmental effects; and
   c. without prejudicing the safe, timely and economic delivery of the Proposed Scheme.
Dear Mr Jackson

HIGH SPEED RAIL (WEST MIDLANDS – CREWE) BILL – HOUSE OF COMMONS SELECT COMMITTEE: PETITION P2A-AP2-059 - WEST MIDLAND BIRD CLUB

I am writing to you in my capacity as the Director of Hybrid Bill Delivery at HS2 Ltd, which is acting on behalf of the Promoter of the High Speed Rail (West Midlands-Crewe) Bill (‘the Bill’) currently before Parliament. I understand that the Club has a number of concerns about the impact of the proposals in Additional Provision 2 (AP2) to the Bill in the House of Commons and has submitted a petition on that basis.

I am writing to you, on behalf of the Secretary of State for Transport, to offer the Club the following assurances in relation to the issues raised in its petition:

“Bird electrocution/collision risk

1. The Secretary of State will require the nominated undertaker prior to the construction of the Parkgate Grid Supply Point Connection, to develop a species-specific assessment of bird collision risk from the siting of the overhead lines in the vicinity of Blithfield Reservoir SSSI. This assessment will include consideration of the following measures:

   a. appropriate surveys for all bird species that are relevant to the designation of Blithfield Reservoir SSSI; and

   b. recommendations for the installation of bird diverters where detailed survey work shows installation will be required in accordance with National Policy Statement for Electricity Networks EN-5 2011.

Bird forage impact - floodplain grazing marsh alongside River Blithe

2. The Secretary of State will require the nominated undertaker during the detailed design and construction of the Parkgate Grid Supply Point Connection to limit the loss of floodplain grazing marsh and associated habitats alongside the River Blithe in the vicinity of Little P1244 (1) AP2/00059/0005
Blithe habitat (as described in Supplementary Environmental Statement 2) to no more than that reasonably required to implement the Proposed Scheme. Where this habitat is lost as a result of construction of the Parkgate Grid Supply Point Connection, the nominated undertaker will be required to implement habitat creation and reinstatement measures to compensate for the loss of floodplain grazing marsh habitat so far as doing so can be done:

a. within the existing powers of the Bill and without the need for any additional land from that identified on the deposited plans as within the limits of land to be acquired or used for the purposes of the Proposed Scheme;

b. without introducing any new or different significant environmental effects; and

c. without prejudicing the safe, timely and economic delivery of the Proposed Scheme.

In these assurances:

“the Bill” means the High Speed (West Midlands-Crewe) Bill as deposited in the House of Commons on 17 July 2017 incorporating the Additional Provisions and references to the ‘Bill’ includes any Act of Parliament enacting that Bill;

“the nominated undertaker“ refers to the body or bodies appointed by the Secretary of State to carry out the powers conferred under the Bill to construct and maintain the scheme. The nominated undertaker may be HS2 Ltd, or it may be another body or bodies appointed to oversee the construction and operation of the Proposed Scheme;

“Parkgate Grid Supply Point Connection” means the replacement of the grid supply point connection at Rugeley, with a new permanent grid supply point connection between a new National Grid Parkgate substation and the Newlands Lane auto-transformer feeder station (AP2-001-015) using overhead lines required in connection with the construction of the Proposed Scheme;

“Proposed Scheme” means Phase 2a of HS2 as defined further in the Bill;

“Supplementary Environmental Statement 2” means HS2 Environmental Impact Assessment deposited with Additional Provision 2 (February 2019); and

“Secretary of State” means the Secretary of State for Transport.”

If accepted, these assurances will be included in the Register of Undertakings and Assurances, which is held by the Department for Transport. Drafts of the Register will be published regularly during the passage of the Bill and it will be finalised after Royal Assent. A nominated undertaker will be contractually obliged to comply with all relevant undertakings and assurances set out in the Register. The assurance process is set out in Annex A.
If you have any further queries please don't hesitate to contact Rachna Shah, Petition Manager on 020 7944 0159 or Rachna.Shah@hs2.org.uk.

Yours sincerely

Oliver Bayne
Director, Hybrid Bill Delivery
High Speed Two (HS2) Limited
### Annex A

#### ASSURANCES: STEPS AND TIMING

<table>
<thead>
<tr>
<th>What?</th>
<th>When?</th>
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<tbody>
<tr>
<td>Promoter issues assurance to petitioner</td>
<td>During the passage of the Bill (now until late 2019)</td>
</tr>
<tr>
<td>If accepted, the assurance is included in the draft Register of Undertakings &amp; Assurances held by the Department for Transport</td>
<td>During the passage of the Bill (now until late 2019)</td>
</tr>
<tr>
<td>Drafts of the Register published and petitioners invited to check that the assurances that they have received are recorded accurately(^1)</td>
<td>During the passage of the Bill (now until late 2019)</td>
</tr>
<tr>
<td>Final version of the Register produced and published</td>
<td>On or shortly after Royal Assent (late 2019)</td>
</tr>
<tr>
<td>Nominated undertaker – the body or bodies appointed to deliver Phase 2A – contractually obliged to comply with all assurances included in the final version of the Register</td>
<td>On or shortly after Royal Assent (late 2019)</td>
</tr>
<tr>
<td>Nominated undertaker complies with assurances on the final version of the Register. Further information on how the Secretary of State will ensure compliance with assurances made by HS2 Ltd is set out in HS2 Phase 2A Information Paper B5, Compliance with Undertakings and Assurances(^2)</td>
<td>During detailed design, construction and operation (2020-onwards)</td>
</tr>
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\(^2\) A copy can be found at [https://www.gov.uk/government/publications/understanding-the-hybrid-bill-hs2-phase-2a-information-papers](https://www.gov.uk/government/publications/understanding-the-hybrid-bill-hs2-phase-2a-information-papers)