

**HAREWOOD ESTATE: PROPOSALS OF 2022 FOR FELLING AND RESTOCKING OF WOODLAND COMPARTMENTS IN AND AROUND HAREWOOD PARK.**

**A REPORT TO THE YGT: SOME GENERAL COMMENTS ON TABLE SETTING OUT THE PROPOSALS FOR FELLING AND RESTOCKING WOODLAND COMPARTMENTS.**

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**DRAFT**

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No.	Comments.	
1.	<p><b>The Yorkshire Gardens Trust (YGT)</b> has recently received two sets of consultation documents from the Forestry Commission concerning the Harewood Estate, near Leeds.</p> <ol style="list-style-type: none"> <li>1. Woodland Creation Harewood Estate EIA-2022-0304.</li> <li>2. FW: 012/2496/2022 Harewood Estate – Felling Licence Consultation.</li> </ol>	
2.	<p><b>The notes and comments set out in this document relate to the second of these, namely the Felling Licence Consultation FW: 012/2496/2022.</b> The documents provided by the Forestry Commission in connection with this include:</p> <ol style="list-style-type: none"> <li>(i) a completed ‘Basic Details Form’ for the proposed felling. Ref.37141 of 28/09/2021</li> <li>(ii) a spread sheet setting out the details of the proposed felling and restocking.</li> <li>(iii) two sets of maps showing the parts of the Harewood Estate affected by the proposals with the reference numbers of the woodland compartments involved. One set of maps shows the compartments where felling is proposed. The other shows the areas where restocking is to take place.</li> <li>(iv) a key to the abbreviations used for the various tree species involved.</li> </ol>	
3.	<p><b>The spread sheet</b> is divided into 5 sets of vertical columns:</p> <p>Set 1: Sub-Compartment Record.  Set 2: Felling.  Set 3: Notes [on Felling <u>and</u> Restocking].  Set 4: Restocking.  Set 5: [Additional notes about designations (?)]</p>	
4.	<p><b>The headings of the columns in Set 1</b> (Sub-Compartment Record) are:</p> <ol style="list-style-type: none"> <li>1. Cpt [Compartment reference no, 1, 2, 3, etc.]</li> <li>2. Sub Cpt [Sub-Compartment reference letter, a, b, c etc]</li> <li>3. Area (Ha) Gross.</li> <li>4. Area (Ha) Net.</li> <li>5. FC digitised Area (Ha).</li> <li>6. Species.</li> <li>7. Designations.</li> </ol>	
5.	<p><b>The headings of the columns in Set 2</b> (Felling) are:</p> <ol style="list-style-type: none"> <li>1. Area to be felled (ha)</li> <li>2. % of compartment area to be felled (auto generated)</li> <li>3. Confirmed felling area (Ha) (auto generated)</li> <li>4. Type of Felling.</li> <li>5. Identify species of more than 20% of the volume to be felled. Below 20%, record as</li> </ol>	

	<p>MB or MC. [NB within Set 2, there is a separate column for each species.]</p> <p>6. Est[imated] Vol[ume] (m<sup>3</sup>) con[ifers]</p> <p>7. Est[imated] Vol[ume] bdlv [broadleaved]</p> <p>8. Pref[erred] Felling Year</p>	
<b>6.</b>	<p><b>The headings of the columns in Set 3</b> (Notes [on Felling and Restocking]) are:</p> <p>1. Notes (use this column for felling and restocking notes).</p>	
<b>7.</b>	<p><b>The headings of the columns in Set 4</b> (Restocking) are:</p> <p>1. Restock area (ha).</p> <p>2. % of compartment to be restocked. (auto generated)</p> <p>3. Confirmed restock Area (ha). (auto generated)</p> <p>4. % of open space.</p> <p>5. Spp: Species to be restocked. %: percentage of restock area, split by species. [NB There are 2 columns for each species; the first is for the species, the second for the percentage. The species are recorded by using standard abbreviations which are explained in a separate document. See item 2 (iv), above.</p> <p>6. Total % including open space must equal 100%. (auto generated)</p> <p>7. Stocking Density (Stems per Hectare).</p> <p>8. % established by natural regeneration.</p> <p>9. Confirm the restock proposal type.</p>	
<b>8.</b>	<p><b>The headings of the columns in Set 5</b> ([Additional notes on designations])are:</p> <p>1. TPO [Tree Preservation Order] [Answer Yes/No]</p> <p>2. Conservation Area. [Answer Yes/No]</p> <p>3. Is the PAWS restoration ..... [Answer Yes/No] [What is PAWS and the missing text?]</p> <p>4. TPO /CA Details. Details of TPO / conservation Area. Only required if either TPO or CA is “Yes”.</p>	
<b>9.</b>	<p><b>Three main problems</b> for members of the YGT when commenting on a Felling Licence are:</p> <p>1. How to extract from the spread sheet, the information that is needed.</p> <p>2. How to relate information from the spread sheet to the maps showing the affected compartments/sub-compartments.</p> <p>3. How to form an overall picture of how the proposals will affect the appearance and historical character of the place in question as a whole, as well as in parts.</p>	
<b>10.</b>	<p><b>Extracting information from the spread sheet.</b></p> <p>(i) The spread sheet contains a great deal of information, all of which is presumably needed for the purposes of the Forestry Commission. For people who are not professional foresters, the <b>information is presented in a very dense way</b> and this makes it difficult to read and use without enlarging it. This can be done on a computer screen, but it complicates interrupts the process of reading across the spread sheet.</p> <p>(ii) Allowance needs to be made for those who find it easier and wish to <b>use the spread sheet as a paper document</b>. Even when printed out at A3 size, it is very crowded and the text is too small to be read comfortably. To print it at A2 size makes it cumbersome to use and expensive to print (about £13 per sheet at a printing shop in York).</p>	

	<p>(iii) For the purposes of the YGT, and perhaps other consultees, a simpler and clearer way of presenting the information in the spread sheet needs to be found. For printouts, this needs to be one that can be comfortably read and used at A4 or A3 size.</p>	
	<p>(iv) I can think of 2 potential approaches to improving this situation from the point of view of the YGT and perhaps other consultees:</p> <p>(a) <b>Could the spread sheet be split</b> so that it is presented as more than one page? For example, could it be split into:</p> <ul style="list-style-type: none"> <li>- <i>page 1</i>: all of Set 1 columns (Sub-compartment Records), with all of Set 5 columns (Additional notes on designations). This would have the advantage of bringing together information about the various designations affecting the various sub-compartments in question.</li> <li>- <i>page 2</i>: columns 1 and 2 of Set 1 (Sub-compartment ref. nos), with all the columns of Set 2 (Felling) and Ser 3 (Notes).</li> <li>- <i>page 3</i>: columns 1 and 2 of Set 1 (Sub-compartment ref. nos), with all the columns of Set 4 Restocking) and Set 3 (Notes).</li> </ul> <p>(b) Could one set of the reformatted spread sheet have <b>the number of vertical columns reduced</b> to those that are of particular relevance to the YGT (and perhaps other consultees)? This would require discussion about which are the most useful columns for the purposes of the YGT. This might help to improve the readability of the spread sheet. Another version of the reformatted set could have the full number of columns, so that the all the other information is available for situations where it might be useful to the YGT.</p>	
<b>11.</b>	<p><b>Maps with information from the spread sheet.</b></p> <p>(i) Could information that is of particular importance to the YGT when commenting on the felling and restocking, be <b>indicated on the maps</b> that show the sub-compartments that will be affected by the licence?</p> <p>(ii) the YGT and the FC would need to discuss which would be the most helpful types of information that would be shown on the maps. I have prepared a <b>table showing the headings of the columns of the spread sheet</b>. This could be used to identify which columns and their information would be most useful to have in map form.</p>	
<b>12.</b>	<p><b>Forming an overall picture.</b></p> <p>Both a simplified presentation of the information in the spread sheet and also providing key information in map form would greatly assist the YGT in the building up of an overall picture of the effects of felling and restocking proposals. In the case of proposals that affect a large and significant area of an historic park (such as on the Harewood estate), it is particularly important for the YGT to be able to understand their overall and long term effects. The character and appearance of whole area is as important as those of its parts.</p>	

**A TABLE OF THE HEADINGS USED IN THE SPREAD SHEET.**

<b>The headings of the columns in Set 1 (Sub-Compartment Record):</b>	<b>PHG</b>	<b>VH</b>		
1. Cpt [Compartment reference no, 1, 2, 3, etc.]				
2. Sub Cpt [Sub-Compartment reference letter, a, b, c etc]				
3. Area (Ha) Gross.				
4. Area (Ha) Net.				
5. FC digitised Area (Ha).				
6. Species.				
7. Designations.				
<b>The headings of the columns in Set 2 (Felling)</b>				
1. Area to be felled (ha)				
2. % of compartment area to be felled (auto generated)				
3. Confirmed felling area (Ha) (auto generated)				
4. Type of Felling.				
5. Identify species of more than 20% of the volume to be felled. Below 20%, record as MB or MC. [NB within Set 2, there is a separate column for each species.]				
6. Est[imated] Vol[ume] (m3) con[ifers]				
7. Est[imated] Vol[ume] bdlv [broadleaved]				
8. Pref[erred] Felling Year				
<b>The headings of the columns in Set 3 (Notes [on Felling and Restocking]):</b>				
1. Notes (use this column for felling and restocking notes).				
<b>The headings of the columns in Set 4 (Restocking):</b>				
1. Restock area (ha).				
2. % of compartment to be restocked. (auto generated)				
3. Confirmed restock Area (ha). (auto generated)				
4. % of open space.				
5. Spp: Species to be restocked. %: percentage of restock area, split by species. [NB There are 2 columns for each species; the first is for the species, the second for the percentage. The species are recorded by using standard abbreviations which are explained in a separate document. See item 2 (iv), above.				
6. Total % including open space must equal 100%. (auto generated)				
7. Stocking Density (Stems per Hectare).				
8. % established by natural regeneration.				
9. Confirm the restock proposal type.				
<b>The headings of the columns in Set 5 ([Additional notes on designations]):</b>				
1. TPO [Tree Preservation Order] [Answer Yes/No]				
2. Conservation Area. [Answer Yes/No]				
3. Is the PAWS restoration ..... [Answer Yes/No] [What is PAWS and the missing text?]				
4. TPO /CA Details. Details of TPO / conservation Area. Only required if either TPO or CA is “Yes”.				