

ADDENDUM to Report Reference: 210518_1.3_AIA_ELYK_T21-MW



Site Address: East Logyard, Kronospan, Chirk

Planning Ref: P/2021/0725

Addendum to: Arboricultural Impact Assessment reference: 210518_1.3_AIA_ELYK_T21-MW

Date of Inspection: 17/09/2021

Inspected by: Mike Wood of Tree 21 Limited

Reason for Site Visit/Inspection:

To reinspect Oak tree T01, following observations around the base of the tree

Details:

I was contacted to undertake a further inspection, following observations around the base of Oak tree T01. Since the original survey date of 1st March 2021, the base of the stem has developed fungal fruiting bodies belonging to the decay pathogen, *Pseudoinonotus dryadeus*. There are two prominent clusters around the base to the west aspect, with further juvenile fruiting bodies above one of the clusters.

Pseudoinonotus dryadeus (Oak bracket fungus) is a decay pathogen, which causes extensive decay in buttress roots of Oak, associated with selective white rot, by removing the lignin from the wood. This results in a weak, decayed wood and eventually may cause a significant risk of failure unless the tree is able to add new wood to the buttress roots.

However, given the declining physiological condition of T01, with low vitality and growing in heavily compacted ground, it is most likely that this tree will continue to decline, and the decay pathogen will become a significant risk issue.

Due to these observations and further inspection the tree no longer fits into the retention category 'B' in accordance with BS5837:2012.

Therefore, T01 should now be considered 'U' category due to this condition and the combination of poor physiological condition throughout the crown and the context in which it is positioned, in heavily compacted ground, surrounded by stacked timber in the logyard. Selection details below from BS5837:2012.

Category U

Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)
- Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline
- Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality

NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.

Photographs



Cluster 1



Cluster 2



Sample