

Green Infrastructure Statement



**Tyler
Grange**

Transcontinental Advanced
Coatings
18th December 2023

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Context

- 1.1. This Green Infrastructure (GI) statement has been prepared by Tyler Grange with respect to the GI components supporting a full planning application at Transcontinental Advanced Coatings UK Ltd, Wrexham (hereafter referred to as the 'site'), seeking permission for the installation of an oxidiser and the removal of the existing oxidiser.
- 1.2. The existing oxidiser is located within a fenced boundary, centred on grid reference SJ 38035 50610. The proposed development seeks to replace and relocate the oxidiser to the south east of the site, which currently comprises hard standing and a grassed area with a pair of trees along the southern boundary, and a linear row of mature trees along the eastern boundary.
- 1.3. This document demonstrates where considerations towards the Step-Wise Approach, detailed in Chapter 6 of Planning Policy Wales (PPW), have been made to provide adequate compensation (in accordance with the 3:1 tree replacement ratio), minimise arboricultural/ecological impacts, and defend sustainability within the proposed development. In combination with the tree replacements and in line with PPW, the trees that contribute most significantly to the area can be retained and protected allowing the GI functions to be sustained.

Baseline Analysis

- 1.4. Along with desk study of online OS mapping and aerial mapping, the site has been subjected to Ecological and Arboricultural surveys, which has collated a 'baseline' for the site, reported in Ecological Impact Assessment (Ref: 15581_R05a) and Arboricultural Impact Assessment (Ref: 15581_R06a).
- 1.5. Identified GI assets on the proposed development site were found to be: grass verge (located to the frontage/entrance of the site), scattered semi-mature to mature ash, mature oak and birch trees (located along the grassed verge), and scrubby tree groups (located in two separate pockets - to the north and, northeast on the frontage).
- 1.6. The highest quality and valued habitats are the scrubby areas and mature scattered trees which form a linear group upon the grassed verge between Ash Road North and the site's internal car parking area.
- 1.7. Within the immediate vicinity, the site's wider land ownership to the east on the opposite site of Ash Road North, contains informal linear groups comprising understory scrub and mixed species (primarily semi-mature and early mature trees), surrounding the car park.

Opportunities and Constraints

- 1.8. The identified opportunities on the site are focussed to the grassland verge, which presents a suitable area for GI provision. Furthermore, the retention of the mature trees / woodland scrub area provide screening for existing infrastructure on site. Within the wider ownership, there is scope for additional tree planting amongst the tree groups surrounding the car park to enhance GI linkages and increase the tree population within the region as compensatory planting.
- 1.9. Constraints at the site pertain to the large areas of existing hardstanding, which are active functional areas and therefore unsuitable for GI provision. Several Category C trees on site present lower value and qualities due to their suppressed physiological condition (declining due to Ash dieback) and restrictive location, such as being poorly rooted and constrained against the

boundary fence. Two ash trees and a single poorly-rooted tree require removal to accommodate the development; their loss should be balanced with the appreciation that they are of reduced retention-worthy merit.

Green Infrastructure Provision

- 1.10. Owing to the carefully designed proposals, the retention of on-site woodland groups and scrub, approximately 0.04 ha of amenity grass verge, and all higher quality and value trees present along the eastern site frontage is possible. This enables the green infrastructure status of the site to be sustained with only a minor decrease in intermittent canopy coverage. Due to the retained canopy cover there is insufficient space for new tree planting directly at the site; also considering available rooting volume requirements. Therefore, encouragement of species rich wildflower grassland along the frontage to the site presents a GI asset in this location, which retains and visually enhances the retained grass habitat.
- 1.11. The site strategy is anticipated to enhance species diversity and green infrastructure connectivity within the wider site area long-term due to the selective incorporation of 6no. native, standard size trees.





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