

Appendix 7D

LVIA Construction Phase Effects

Prepared for: Kronospan

December 2025

DNS5-4-033

- 1.1.1 This Appendix of the Environmental Statement ('ES') sets out the assessment of the construction phase effects of the Proposed Development upon landscape character and upon viewpoints.
- 1.1.2 The assessment is concerned with landscape and visual effects that could arise specifically from construction activities only.
- 1.1.3 The baseline context and sensitivity for each receptor is not set out in detail here. The reader should refer to the following for details:
- i) **Chapter 7.0** of the ES, for a general overview of the landscape and visual baseline.
 - ii) Landscape Character. **Appendix 7C** of the ES for baseline context, and **Appendix 7E** of the ES for sensitivity.
 - iii) Viewpoints. **Appendix 7F** of the ES for a description of the baseline view, and for details of receptor sensitivity.
- 1.1.4 All construction phase effects would be temporary in duration.
- 1.1.5 Where construction activities would occur within the footprint of the operational development, change is considered to be irreversible (i.e. the baseline situation would not be recreated) unless otherwise stated. Where activities would occur outside of the footprint of the operational development, change is considered to be reversible.

Effects on Landscape Character			
LCA	Sensitivity of Receptor	Magnitude of Change	Level and Significance of Effect
WCBC LCA4: Ceiriog Valley	High	No Change Construction activities would not be visible from within the LCA within the extents of the Study Area. There would be some visibility from more distant and more exposed areas to the south-west. This would not change the character of the LCA	As there would be no change in character, no effect would occur
WCBC LCA5a: Chirk Estate to Froncysyllte	High	Small. Construction would take place within the existing Kronospan Facility. Existing structures, and perimeter fencing, and intervening vegetation would restrict the degree to which this would be apparent from within the LCT. The presence of cranes and the progressive erection of taller structures would be apparent in outwards views from much of the LCA, from more exposed locations within the LCA such as the eastern and north-western parts of Chirk Castle RPG and the hillsides west of Chirk marina, but their presence would occur in the context of the existing tall structures at Kronospan	Minor to Moderate Adverse Construction would increase the influence of development at Kronospan upon views out from within the LCA, but not to such a degree that this would noticeably change character from baseline. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development The character of the LCA would continue to be defined by rural land uses and landcover, including historic parkland, and with long views outwards to the east including a large-scale industrial facility that contrasts with other visible features. Effects would not be significant
WCBC LCA7a: Chirk	Medium to High	Small Construction would take place within the existing Kronospan Facility. Existing structures and perimeter fencing and vegetation would restrict the degree to which this would be apparent from the outside. The presence of cranes and the progressive erection of taller structures would be apparent from much of the LCA, but their presence would occur in the context of the existing tall structures at Kronospan.	Minor to Moderate Adverse Construction would increase the influence of development at Kronospan upon the character of the landscape/townscape, but not to such a degree that this would noticeably change character from baseline. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The character of the LCA would continue to be defined by urban development within Chirk, including a large-scale industrial facility, set in the context of surrounding rural land uses, and often significant vegetation cover (especially along the canal corridor). Effects would not be significant .
WCBC LCA9d: Froncysyllte to Newbridge	High	No Change. Construction activities would be barely visible from within the LT,	As there would be no change in character, no effect would occur

Effects on Landscape Character			
LCA	Sensitivity of Receptor	Magnitude of Change	Level and Significance of Effect
		and their presence would have no influence upon the existing character.	
WCBC LCA12a: Dee/Ceiriog Valley	High	No Change. Construction activities would be barely visible from within the LT, and their presence would have no influence upon the existing character.	As there would be no change in character, no effect would occur
WCBC LCA13a: Welsh Maelor	Medium	No Change. Construction activities would be barely visible from within the LT, and their presence would have no influence upon the existing character.	As there would be no change in character, no effect would occur
Shropshire LT: Riverside Meadows	High	No Change Construction activities would not be visible from within the LCA within the extents of the Study Area.	As there would be no change in character, no effect would occur
Shropshire LT: Wooded River Gorge	High	No Change. Construction activities would be barely visible from within the LT, and their presence would have no influence upon the existing character.	As there would be no change in character, no effect would occur
Shropshire LT: Pasture Hills	Medium	Small The presence of cranes and the progressive erection of taller structures would be visible from more exposed/elevated locations within the LT. This change would be experienced in the context of the expansive northward views that are characteristic of the LT and which already include the existing Kronospan facility. There would be incremental change in the visual context of the LT, but underlying characteristics would remain as at baseline	Minor Adverse Construction activities would result in a very limited increase in the influence of the Kronospan facility upon the visual context of the LT. Underlying characteristics would not change to any appreciable degree from baseline. Effects would not be significant
Shropshire LT: Principal Settled Farmlands	Medium	Negligible. Scattered views of the presence of cranes and the progressive erection of taller structures would be available from locations within the LT. This would not result in any appreciable change in character.	A negligible level of effect would occur. Construction activities would result in some very limited change in view from some locations, but would not give rise to any appreciable change in character from baseline. Effects would not be significant .

Effects on Viewpoints			
Viewpoint	Sensitivity of Receptor	Magnitude of Change	Level and Significance of Effect
A: Chirk Recreation Ground	Medium	Small to Medium Views of cranes and the progressive erection of proposed structures would be partially visible, to the rear of foreground features.	Minor to Moderate Adverse Construction activities would result in an incremental increase of the overall influence of the Kronospan Facility upon the view. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The nature of the view would not change greatly from baseline, and would continue to be defined by the Recreation Ground in the foreground, by Kronospan in the middle ground and by the partially wooded hills in the background. Effects would not be significant .
B: Offa's Dyke Path near Fron Isaf	High	Small Views of cranes and the progressive erection of proposed structures would be partially visible within the existing assemblage of structures at Kronospan.	Minor to Moderate Adverse Construction activities would result in a very incremental increase in the well-established influence of the Kronospan Facility in views out across the lowlands from this section of the National Trail. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The nature of the view would not change appreciably from baseline and would continue to be predominantly rural in character with a large industrial facility in the middle ground. Effects would not be significant .
C: N edge of Chirk	High	Small to Medium Views of cranes and the progressive erection of proposed structures would be partially visible within the existing assemblage of structures at Kronospan. Intervening vegetation cover would provide effective screening of much of the construction activities	Moderate Adverse Construction activities would increase the influence of built development at Kronospan. However intervening tree cover would provide a considerable degree of screening, and only a small proportion of what is a much wider view looking westward toward the hills would be affected. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. Effects would not be significant .
D: Chirk Castle Gates	Medium to High	Small The majority of construction activities would be screened from view by intervening vegetation. The presence of cranes required	Minor Adverse Construction activities would be largely screened by intervening woodland cover, and would have a very limited influence upon the view.

Effects on Viewpoints			
Viewpoint	Sensitivity of Receptor	Magnitude of Change	Level and Significance of Effect
		to erect the stack would be apparent above this for a limited period.	Effects would not be significant .
E: Green Lane	Low to Medium	Small to Medium Views of cranes and the progressive erection of proposed structures would be partially visible within the existing assemblage of structures at Kronospan.	Minor to Moderate Adverse Construction activities would result in an incremental increase of the overall influence of the Kronospan Facility upon the view. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The nature of the view would not change greatly from baseline, and would continue to be defined by the views over Chirk including Kronospan to the hills beyond. Effects would not be significant
F: B5070 north of Chirk	Medium	Small Limited visibility of cranes and the progressive erection of structures, with the majority well screened by intervening vegetation cover	Minor Adverse Construction activities would be well screened by vegetation and would not be clearly visible. Their presence would result in some very incremental increase in the influence of built development upon the view. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The nature of the existing view, namely a narrow and transient view of industrial structures from the B5070 when travelling southwards into Chirk would not change. Effects would not be significant
G: Offa's Dyke Path west of Bronygarth	High	Small Views of cranes and the progressive erection of structures set within a large-scale view, where the Kronospan Facility is a small-scale presence.	Minor Adverse Construction activities would be very similar in extent and nature to the operational effects of the Proposed Development. They would be a very limited addition to a large-scale view, and their presence would not result in any change of note from baseline. The very limited influence of the Kronospan Facility upon the view would not change appreciably. Effects would not be significant
H: Chirk Castle Terrace	High	Small The majority of construction activities would be screened from view by intervening vegetation. The presence of cranes required	Minor Adverse Construction activities would be largely screened by intervening woodland cover, and would have a very limited influence upon the view.

Effects on Viewpoints			
Viewpoint	Sensitivity of Receptor	Magnitude of Change	Level and Significance of Effect
		to erect the stack and the boiler house would be apparent above this for a limited period.	Effects would not be significant .
I: New Hall	Medium to High	Negligible Construction activities would be very well screened by the adjacent young woodland. Glimpses of the cranes used to erect the proposed stack would be available for a limited period.	Negligible Neutral Construction activities would be very well screened by the adjacent woodland, planted as part of the Kronospan Landscape Strategy, and which is intended to screen views towards the Kronospan Facility. The view would not change appreciably from baseline during the construction period. Effects would not be significant .
J: Canal towpath near marina	High	Negligible Construction activities would be very well screened by the adjacent young woodland. Glimpses of the cranes used to erect the proposed stack would be available for a limited period.	Negligible Neutral Construction activities would be very well screened by the adjacent woodland, planted as part of the Kronospan Landscape Strategy, and which is intended to screen views towards the Kronospan Facility. The view would not change appreciably from baseline during the construction period. Effects would not be significant .
K: Canal towpath north-west of site	High	Small to Medium Views of cranes and the progressive erection of structures would be partially visible within the existing assemblage of structures at Kronospan, at short-range.	Moderate Adverse Construction activities would result in an increase in the influence of built development at Kronospan upon views southwards from this section of the canal corridor, but this influence is well-established. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development The nature of the view would not change greatly from baseline and the view would remain one defined by the canal corridor in the foreground, the long views north-west to the hills, and the presence of the Kronospan Facility beyond the railway embankment to the south-west. Effects would not be significant .
L: Chirk Castle driveway	High	Small to Medium Views of cranes and the progressive erection of proposed structures would be partially visible within the existing assemblage of structures at Kronospan	Moderate Adverse Construction activities would result in an increase in the influence of built development upon views from the Castle driveway. However, most of the new structures would be screened by landform. Construction effects would be very similar in extent

Effects on Viewpoints			
Viewpoint	Sensitivity of Receptor	Magnitude of Change	Level and Significance of Effect
			and nature to the operational effects of the Proposed Development. The underlying nature of the large scale panoramic view, with the Kronospan Facility largely screened by landform, but with some structures partially visible in the middle ground would not change. Effects would not be significant .
M: Canal towpath north of site	High	Small to Medium Views of cranes and the progressive erection of structures would be partially visible within the existing assemblage of structures at Kronospan, at short-range.	Moderate Adverse Construction activities would result in an increase in the influence of built development at Kronospan upon views southwards from this section of the canal corridor, but this influence is well-established. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The nature of the view would not change greatly from baseline and the view would remain one defined by the canal corridor in the foreground, the long views north-west to the hills, and the presence of the Kronospan Facility beyond the railway embankment to the south-west. Effects would not be significant .
N: Canal towpath north of site	High	Small Views of cranes and the progressive erection of structures would be partially visible within the existing assemblage of structures at Kronospan, within screening by vegetation and by existing structures.	Minor to Moderate Adverse Construction activities would be a background presence, and would little influence upon the nature of views available from this section of the canal corridor. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. Effects would not be significant .
Q: New Hall South Lodge (Chirk Castle Entrance)	High	Negligible Construction activities would be very well screened by the intervening tree cover, including young woodland, on the opposite side of the road. Glimpses of the cranes used to erect the proposed stack would be available for a limited period.	Negligible Neutral Construction activities would be very well screened by the adjacent woodland, including that planted as part of the Kronospan Landscape Strategy, and which is intended to screen views towards the Kronospan Facility. The view would not change appreciably from baseline during the construction period. Effects would not be significant .
R: Eastern edge of Chirk Castle Estate	High	Small to Medium Views of cranes and the progressive erection of proposed	Moderate Adverse Construction activities would result in an incremental increase in the well-

Effects on Viewpoints			
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		structures would be partially visible within the existing assemblage of structures at Kronospan	established influence of industrial development in the middle ground of the view. Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development. The view would remain open and long-range in character, with dense woodland cover continuing to screen much of the Kronospan Facility. Effects would not be significant .
U: Chirk Castle entrance	High	No Change Construction activities would be wholly screened from view by the intervening wooded hillside	As there would be no change in view, no effect would result.
V: Chirk Castle roof	High	No Change Construction activities would be wholly screened from view by the intervening wooded hillside	As there would be no change in view, no effect would result.
W: Footpath, Chirk Castle	High	Small The majority of construction activities would be screened from view by intervening vegetation. The presence of cranes required to erect the stack would be apparent above this for a limited period.	Minor Adverse Construction activities would be largely screened by intervening woodland cover, and would have a very limited influence upon the view. Effects would not be significant
X: Offa's Dyke Path north of Chirk Castle	High	Small Views of cranes and the progressive erection of proposed structures would be partially visible within the existing assemblage of structures at Kronospan, with partial screening by the intervening landform	Minor to Moderate Adverse Construction effects would be very similar in extent and nature to the operational effects of the Proposed Development, and would result in small scale change to a large scale view. The nature of the existing view, namely a long-range view out across the lowlands, with the Kronospan Facility partially visible in the middle distance, would not change. Effects would not be significant .