

## ANNEX B

### Landscape receptors

Landscape and Visual Impact Assessment  
Deal Farm, Bressingham

#### **Annex B1 - Sensitivity of landscape receptors**

B1.1 - Susceptibility, Value and Sensitivity of landscape receptors— 3

#### **Annex B2 - Predicted landscape effects**

B2.1 - Magnitude and significance of predicted landscape effects— 13

**ANNEX B1**

## Sensitivity of Landscape Receptors

Table B1.1 - Sensitivity of landscape receptors .....	3
---	---

## Annex B1 - Sensitivity of landscape receptors - Table B1.1

3

Table B1 assesses the sensitivity of the landscape receptors, combining judgements about their susceptibility to the changes arising as a result of the proposed development and the value attached to these components of the landscape. Refer to Table A1.1 Annex A1 (LVIA Methodology) which sets out the range of factors that can help in the identification of valued landscapes and Table A1.2 in Annex A1 (LVIA Methodology) which sets out the criteria for judging the sensitivity of landscape receptors.

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b>Overall landscape context of the Site</b>	<p><b>MODERATE</b></p> <p>This is a simple and uniform landscape, dominated by arable farmland with large-scale, regular, geometric fields. There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the scale and openness of the plateau. Where hedgerows do occur as field boundaries they tend to be fragmented however alongside roads hedgerows tend to be fuller and provide a sense of enclosure. Remnant hedgerow trees, primarily oak, are characteristic and an important indicator of former field boundaries. Grass verges and sometimes ditches occur alongside the rural roads which dissect this area. Water is not a significant feature with minor ditches/tributaries and small field ponds occurring but not distinctly visible.</p> <p>Deal Farm and The Oaks Farm clusters of buildings are a notable feature in the local landscape with the older farmhouses now dominated by modern agricultural sheds. The proposed AD plant and lagoons will largely read as extensions of these existing farm groups which already have a semi-industrial character with their long liner metal clad barn roofs.</p> <p>Native woodland and tree planting provide a screen around the boundaries of the AD Plant. The bund to the east and south of the AD Plant, inside the site boundary, will also be planted with native woodland and trees. Native woodland will also provide a screen around the boundaries of the lagoons mitigating impacts in views from the north and south. New hedgerow and tree planting will also be introduced along a number of local lanes and PROW re-establishing lost landscape features and creating opportunities for more connected biodiversity. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>LOW</b></p> <p><b>Designations</b></p> <p>No environmental/landscape designation.</p> <p><b>Natural heritage</b></p> <p>The lost landscape structure of plateau landscape offers a historic landscape reference which can be used to create a new landscape structure.</p> <p><b>Cultural heritage</b></p> <p>The Site has no important cultural heritage.</p> <p><b>Landscape condition</b></p> <p>There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the scale and openness of the plateau. Where hedgerows do occur as field boundaries they tend to be fragmented</p> <p><b>Associations</b></p> <p>There are no known landscape connections with notable people, events and the arts</p> <p><b>Distinctiveness</b></p> <p>This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b></p> <p>The Site has no recreational value although many PROW crisscross the wider plateau</p> <p><b>Perceptual (Wildness and tranquillity)</b></p> <p>The wide-open skies and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE-LOW</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b><i>Flat, elevated plateau landform above the 50m contour with little topographic variation</i></b>	<p><b>MODERATE</b></p> <p>This is a simple and uniform landscape, in which any larger buildings are distinctive features especially those outside the villages and hamlets. Any man-made structures including landform/bunds are also likely to be distinctive and discordant in this landscape if not carefully located.</p> <p>With this in mind, the proposed lagoons are carefully located next to the existing farm cluster on the lower part of the immediate plateau context. The lagoons are backdropped by the existing buildings. Native Woodland will also provide a screen around the boundaries of the lagoons mitigating impacts the lagoons may have on the wider landform context.</p> <p>The main AD plant will be a distinctive new feature on the plateau but a further landform bund is carefully located inside the boundary site in close proximity to the new infrastructure with the aim of screening ground-level clutter. In views from the east and south, This bund will be relatively discrete as it is backdropped by the new facilities and will also be planted with native woodland and trees as part of the wider woodland planting strategy for the site. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>MODERATE</b></p> <p><b>Designations</b></p> <p>No environmental/landscape designations.</p> <p><b>Natural heritage</b></p> <p>There are no natural heritage implications</p> <p><b>Cultural heritage</b></p> <p>The Site has no cultural heritage implications</p> <p><b>Landscape condition</b></p> <p>There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the topography of the plateau.</p> <p><b>Associations</b></p> <p>There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b></p> <p>This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b></p> <p>The Site has no recreational value, but PROW crisscross the wider landscape</p> <p><b>Perceptual (scenic)</b></p> <p>The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b></p> <p>The wide-open skies and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b><i>Extensive arable farmland with large-scale fields and notable absence of boundaries</i></b>	<p><b>MODERATE</b></p> <p>This is a simple and uniform landscape, dominated by arable farmland with large-scale, regular, geometric fields. There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the scale and openness of the plateau. Where hedgerows do occur as field boundaries they tend to be fragmented however alongside roads hedgerows tend to be fuller and provide a sense of enclosure. Remnant hedgerow trees, primarily oak, are characteristic and an important indicator of former field boundaries. Grass verges and sometimes ditches occur alongside the rural roads which dissect this area. Water is not a significant feature with minor ditches/tributaries and small field ponds occurring but not distinctly visible.</p> <p>Deal Farm and The Oaks farm clusters of buildings are a notable feature in the local landscape with the older farmhouses now dominated by modern agricultural sheds. The proposed AD plant and lagoons will largely read as extensions of these existing farm groups which already have a semi-industrial character with their long liner metal clad barn roofs.</p> <p>Native woodland and tree planting provide a screen around the boundaries of the AD Plant. The bund to the east and south of the AD Plant, inside the site boundary, will also be planted with native woodland and trees. Native woodland will also provide a screen around the boundaries of the lagoons mitigating impacts in views from the north and south. New hedgerow and tree planting will also be introduced along a number of local lanes and PROW re-establishing lost landscape features and creating opportunities for more connected biodiversity. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>LOW</b></p> <p><b>Designations</b></p> <p>No environmental/landscape designation.</p> <p><b>Natural heritage</b></p> <p>There are no natural heritage implications.</p> <p><b>Cultural heritage</b></p> <p>The Site has limited cultural heritage.</p> <p><b>Landscape condition</b></p> <p>There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the topography of the plateau.</p> <p><b>Associations</b></p> <p>There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b></p> <p>This is a uniformly quite open landscape with limited other distinctive characteristics..</p> <p><b>Recreational</b></p> <p>The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b></p> <p>The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b></p> <p>Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE-LOW</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b><i>Mature blocks of ancient woodland, hedgerow oaks and hedgerow boundaries where they remain - prevent further degradation</i></b>	<p><b>MODERATE</b></p> <p>The site is in a simple and uniform landscape, dominated by arable farmland with large-scale, regular, geometric fields. There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the scale and openness of the plateau. The development of the AD plant and lagoons will not impact any existing woodlands, trees, or hedgerows. New woodland, hedgerow, and tree planting will be introduced around the site and along a number of local lanes and PROW re-establishing lost landscape features and creating opportunities for more connected biodiversity. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>MODERATE</b></p> <p><b>Designations</b></p> <p>No environmental/landscape designation.</p> <p><b>Natural heritage</b></p> <p>The arable field itself has limited value.</p> <p><b>Cultural heritage</b></p> <p>The Site has limited cultural heritage.</p> <p><b>Landscape condition</b></p> <p>There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery.</p> <p><b>Associations</b></p> <p>There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b></p> <p>This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b></p> <p>The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b></p> <p>The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b></p> <p>Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<i>Grass verges and occasionally ditches occur along road sides</i>	<p><b>MODERATE</b></p> <p>The access road into the main AD plant will require a new entrance of Common Road and there will be a number of minor verge adjustments to verges along the haul route. These changes are relatively minor in nature and will be complemented by the introduction of new roadside hedgerows and trees on a number of lanes around the site, therefore the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>LOW</b></p> <p><b>Designations</b> No environmental/landscape designation.</p> <p><b>Natural heritage</b> No natural heritage implications.</p> <p><b>Cultural heritage</b> No cultural heritage.</p> <p><b>Landscape condition</b> There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery.</p> <p><b>Associations</b> There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b> This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b> The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b> The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b> Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE-LOW</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<i>Sparsely settled with scattered farmhouses, some linear settlement with absence of centre/core</i>	<p><b>MODERATE</b></p> <p>This is a simple and uniform landscape, dominated by arable farmland with large-scale, regular, geometric fields. There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the scale and openness of the plateau. Where hedgerows do occur as field boundaries, they tend to be fragmented however alongside roads hedgerows tend to be fuller and provide a sense of enclosure.</p> <p>Deal Farm and The Oaks farm clusters of buildings are a notable feature in the local landscape with the older farmhouses now dominated by modern agricultural sheds. The proposed AD plant and lagoons will largely read as extensions of these existing farm groups which already have a semi-industrial character with their long liner metal clad barn roofs. The site will not impact any other existing settlements, but the main AD plant and lagoons will cumulatively add to the development in the plateau landscape.</p> <p>Native woodland and tree planting provide a screen around the boundaries of the AD Plant, and lagoons mitigating impacts on the character of the landscape. New hedgerow and tree planting will also be introduced along a number of local lanes and PROW re-establishing lost landscape features and creating opportunities for more connected biodiversity. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>LOW</b></p> <p><b>Designations</b> No environmental/landscape designation.</p> <p><b>Natural heritage</b> No natural heritage implications.</p> <p><b>Cultural heritage</b> No cultural heritage.</p> <p><b>Landscape condition</b> There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery.</p> <p><b>Associations</b> There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b> This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b> The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b> The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b> Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE-LOW</b>



Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b><i>The network of quiet, straight rural lanes that cross the plateau</i></b>	<p><b>MODERATE</b></p> <p>Several narrow lanes cross the plateau and from which the AD Plant and Lagoons will be visible. These include Stone Lane to the north, Common Road to the east, Lady's Lane, and Kenninghall Road to the south.</p> <p>Native woodland and tree planting provide a screen around the boundaries of the AD Plant. The bund to the east and south of the AD Plant, inside the site boundary, will also be planted with native woodland and trees. Native woodland will also provide a screen around the boundaries of the lagoons mitigating impacts in views from the north and south. New hedgerow and tree planting will also be introduced along a number of local lanes and PROW re-establishing lost landscape features and creating opportunities for more connected biodiversity. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>MODERATE</b></p> <p><b>Designations</b> No environmental/landscape designation.</p> <p><b>Natural heritage</b> No natural heritage implications.</p> <p><b>Cultural heritage</b> No cultural heritage.</p> <p><b>Landscape condition</b> There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery.</p> <p><b>Associations</b> There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b> This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b> The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b> The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b> Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b><i>Expansive skies are a defining feature with distant views</i></b>	<p><b>MODERATE</b></p> <p>This is a simple and uniform landscape, dominated by arable farmland with large-scale, regular, geometric fields. There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery and the scarcity of hedgerows accentuates the scale and openness of the plateau.</p> <p>Deal Farm and The Oaks farm clusters of buildings are a notable feature in the local landscape with the older farmhouses now dominated by modern agricultural sheds. The proposed AD plant and lagoons will largely read as extensions of these existing farm groups however the new AD plant digester tanks and associated lighting conductors will in some views break the skyline.</p> <p>Native woodland and tree planting provide a screen around the boundaries of the AD Plant. The bund to the east and south of the AD Plant, inside the site boundary, will also be planted with native woodland and trees. Native woodland will also provide a screen around the boundaries of the lagoons mitigating impacts in views from the north and south. New hedgerow and tree planting will also be introduced along a number of local lanes and PROW re-establishing lost landscape features and creating opportunities for more connected biodiversity. However, this planting strategy will be a long-term strategy that will take time for trees to establish so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>MODERATE</b></p> <p><b>Designations</b> No environmental/landscape designation.</p> <p><b>Natural heritage</b> No natural heritage implications.</p> <p><b>Cultural heritage</b> No cultural heritage.</p> <p><b>Landscape condition</b> There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery.</p> <p><b>Associations</b> There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b> This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b> The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b> The Site has limited scenic value..</p> <p><b>Perceptual (Wildness and tranquillity)</b> Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity.</p>	<b>MODERATE</b>

Landscape receptors	Susceptibility to proposed change	Value	Sensitivity of landscape receptor
<b>Landscape elements of the site</b>	<p><b>MODERATE</b></p> <p>The landscape structure proposed for the main AD plant will reinforce the existing and strengthen the eastern, northern, and western boundaries of the Site by introducing a native woodland planting mix with larger specimen trees located to have some impact in the early. The landscape strategy for the lagoons follows the same strategy with significant belts of native woodland planting which will eventually provide year-round provide screening. In order to mitigate the impact of the development, in particular the lightning masts, in longer views new native hedgerows and trees along certain roads, lanes, and PROW will reintroduce lost landscape features and which will in turn increase ecological connectivity across the plateau. However, the planting will take years to establish and mature so the susceptibility to the proposed change is deemed to be moderate.</p>	<p><b>MODERATE</b></p> <p><b>Designations</b> No environmental/landscape designation.</p> <p><b>Natural heritage</b> No natural heritage implications.</p> <p><b>Cultural heritage</b> No cultural heritage.</p> <p><b>Landscape condition</b> There has been wide-scale removal of boundary vegetation to accommodate modern farm machinery.</p> <p><b>Associations</b> There are no known landscape connections with notable people, events, and the arts.</p> <p><b>Distinctiveness</b> This is a uniformly quite open landscape with limited other distinctive characteristics.</p> <p><b>Recreational</b> The Site has no recreational value.</p> <p><b>Perceptual (scenic)</b> The Site has limited scenic value.</p> <p><b>Perceptual (Wildness and tranquillity)</b> Because of the wide-open skies and absence of field boundaries and distance to any larger settlements create a perception of space and tranquillity</p>	<b>MODERATE</b>

**ANNEX B2**

## Predicted Landscape Effects

Table B2.1 - Magnitude and significance of predicted  
landscape effects .....

14

## ANNEX B2 - Predicted landscape effects

Table B2.1 Magnitude and significance of predicted landscape effects

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Overall landscape context of the Site</b>	The negative impacts of construction would have some temporary adverse impacts on the landscape context of the site due to noise, dust, coloured hoardings, scaffolding and the movements of construction vehicles. The site access to the AD plant on Common Road and construction activities generally for both the AD plant and the lagoons will impact the landscape context of the site.	At completion, the development of the main AD would be perceived as a distinctive new cluster of structures in the landscape with the dome shape of the top of the two digester tanks contrasting with the adjacent more traditional and angular agricultural architecture. At year one, the landscape would be immature and the newly built infrastructure including the lagoons would seem widely prominent. However, groups of larger specimen and feathered trees will be planted (in the proposed woodlands and hedgerows) to soften the structures and the earth bund will provide early screening. The overall landscape will need time to mature before it provides any significant landscape benefit.	As it matures, the new woodland around the site boundary and along the nearby roads and PROW would assist to integrate the new structures within the wider context. There would be a change in the open character of the local landscape as a result of the development to a more enclosed landscape but this should be considered in the context of the loss in recent decades of many of the historic hedgerows and trees which would have created a more enclosed character in any case.	The significance of landscape effect for the receptor:
Moderate susceptibility to change Low value	<i>Short-term, temporary effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Short Term (Construction Phase) MEDIUM-LOW</i>
	<i>Size or scale of change MAJOR</i>	<i>Size or scale of change MAJOR</i>	<i>Size or scale of change MODERATE</i>	<i>Medium Term (At completion – 5 years) MEDIUM-LOW</i>
<i>Receptor sensitivity is MODERATE-LOW</i>	<i>Magnitude and nature of effect MAJOR-MODERATE ADVERSE</i>	<i>Magnitude and nature of effect MAJOR-MODERATE ADVERSE</i>	<i>Magnitude and nature of effect MODERATE ADVERSE</i>	<i>Long Term (After 15 years) LOW</i>

### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
 Value of landscape: *High/Moderate/ Low*  
 Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
 Reversibility: *Yes, within (timescale)/No*  
 Size or scale of change : *Negligible/Minor/Moderate/ Major/Severe*  
 Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
 Magnitude of effect : *Negligible/Minor/Moderate/Major/Severe*  
 Nature of effect : *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/*  
*Medium high/Medium/*  
*Medium-low/Low/*  
*Low-negligible/ Negligible*  
*/Beneficial*

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Flat, elevated plateau landform above the 50m contour with little topographic variation</b>	The negative impacts of construction would have some temporary adverse impacts on the flat plateau. A new landform (surplus spoil) will be shaped early in the construction process in order to screen the AD plant and construct the lagoons and which will locally change the topography.	The structural landscape around the main AD plant structures and the lagoons will assist to integrate the Site with its surroundings and reduce the visual impact of all associated infrastructure but it will change the character of the flat open plateau landscape adding infrastructure and clutter. The earth bund along the eastern boundary of the main AD site and the lagoons is a somewhat discordant landform on the otherwise flat plateau although it does provide, in the short term, effective screening, of ground level clutter in the site in the views from the east.	Once mature, the planting associated with the proposed development would integrate and screen views to the AD plant and the lagoons, but the planting will change and disrupt long views and therefore reduce awareness of the elevated plateau landscape. Therefore, there will be a slight adverse effect on the landscape setting.	The significance of landscape effect for the receptor:
	<i>Short-term, temporary effect</i>	<i>Medium-term, reversible effect</i>	<i>Long-term, reversible effect</i>	
	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Short Term (Construction Phase) MEDIUM</i>
	<i>Size or scale of change MAJOR</i>	<i>Size or scale of change MODERATE</i>	<i>Size or scale of change MINOR</i>	<i>Medium Term (At completion – 5 years) MEDIUM-LOW</i>
<i>Moderate susceptibility to change</i> <i>Moderate value</i>				
<i>Receptor sensitivity is MODERATE</i>	<i>Magnitude and nature of effect MAJOR-MODERATE ADVERSE</i>	<i>Magnitude and nature of effect MODERATE ADVERSE</i>	<i>Magnitude and nature of effect MINOR ADVERSE</i>	<i>Long Term (After 15 years) LOW</i>

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
Value of landscape: *High/Moderate/ Low*  
Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
Reversibility: *Yes, within (timescale)/No*  
Size or scale of change : *Negligible/Minor/Moderate/ Major/Severe*  
Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
Magnitude of effect : *Negligible/Minor/Moderate/Major/Severe*  
Nature of effect : *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/*  
*Medium high/Medium/*  
*Medium-low/Low/*  
*Low-negligible/ Negligible*  
*/Beneficial*

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Extensive arable farmland with large-scale fields and notable absence of boundaries</b>  The entire field within the Site for the AD plant and the lagoons will be transformed from agricultural use to the construction site during the initial stages of the development. The site access to the AD plant on Common Road and construction activities generally for both the AD plant and the lagoons will reduce the scale of the arable fields to the immediate north of Deal Farm and South of The Oaks.	The local plateau landscape has in recent decades (post-war) been denuded of the majority of its historic hedgerows and trees. PROWs have been ploughed over and fields have become very large and intensively managed. Arable field margins that are managed to provide benefits for wildlife, hedgerows and small woodlands together provide a valuable inter-connected network of habitat.	At completion, the new immature planting around the boundaries of the main AD plant, the lagoons and off-site along the reinstated PROWs would have limited effect on the character of the open landscape and the new structures will look raw. However, the woodland and off-site hedgerow corridors along some PROW will add back some elements of lost field boundaries creating also a much more diverse range of habitats than currently exists.	In the long term, as it matures, the woodland habitat proposed to the boundaries of the main AD plant site and the lagoons would contribute positively to the biodiversity of the plateau landscape. The off-site hedgerow and tree planting along the PROW when combined with these woodlands will extend and strengthen the woodland habitat and ecological network, in line with green infrastructure best practice. This overall network of habitats should provide a richer and better-connected series of ecological corridors.	The significance of landscape effect for the receptor:
	<i>Short-term, temporary effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MINOR</i>	Short Term (Construction Phase) MEDIUM-LOW
	<i>Size or scale of change MAJOR</i>	<i>Size or scale of change MODERATE</i>	<i>Size or scale of change MODERATE</i>	Medium Term (At completion – 5 years) LOW
Moderate susceptibility to change Low value Receptor sensitivity is MODERATE-LOW	Magnitude and nature of effect MAJOR-MODERATE ADVERSE	Magnitude and nature of effect MODERATE ADVERSE	Magnitude and nature of effect MODERATE-MINOR ADVERSE	Long Term (After 15 years) LOW

#### Terminology for Landscape Effect

Susceptibility to change: High/ Moderate/Low  
 Value of landscape: High/Moderate/ Low  
 Overall sensitivity of receptor: High/Moderate/Low

Duration: Short term/Medium term/Long term  
 Reversibility: Yes, within (timescale)/No  
 Size or scale of change : Negligible/Minor/Moderate/ Major/Severe  
 Geographic extent: Minor (Limited)/Moderate/ Major (Extensive)  
 Magnitude of effect : Negligible/Minor/Moderate/Major/Severe  
 Nature of effect : Beneficial/Neutral/Adverse

**Significance value :**  
 Very High/High/  
 Medium high/Medium/  
 Medium-low/Low/  
 Low-negligible/ Negligible  
 /Beneficial

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Mature blocks of ancient woodland, hedgerow oaks and hedgerow boundaries where they remain - prevent further degradation</b>  Moderate susceptibility to change Moderate value Receptor sensitivity is MODERATE	Construction activities on site will not impact any existing woodlands, trees or hedgerows.	The development will not impact any existing woodlands trees or hedgerows. The LVIA mitigation strategy will introduce new structural woodlands and reinstate some host hedgerows along local roads and PROW.	As it matures, the new boundary woodlands and off-site hedgerows and trees would integrate the new development within the wider landscape and reverse the process of hedgerow and woodland degradation across the local plateau.	The significance of landscape effect for the receptor:
	<i>Short-term, irreversible effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is MINOR</i>	<i>Geographic extent is MINOR</i>	<i>Geographic extent is MINOR</i>	Short Term (Construction Phase) NEUTRAL
	<i>Size or scale of change MINOR</i>	<i>Size or scale of change MINOR</i>	<i>Size or scale of change MINOR</i>	Medium Term (At completion – 5 years) NEUTRAL
	<i>Magnitude and nature of effect NEGLIGIBLE NEUTRAL</i>	<i>Magnitude and nature of effect NEGLIGIBLE NEUTRAL</i>	<i>Magnitude and nature of effect MINOR BENEFICIAL</i>	Long Term (After 15 years) BENEFICIAL

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
 Value of landscape: *High/Moderate/ Low*  
 Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
 Reversibility: *Yes, within (timescale)/No*  
 Size or scale of change : *Negligible/Minor/Moderate/ Major/Severe*  
 Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
 Magnitude of effect : *Negligible/Minor/Moderate/Major/Severe*  
 Nature of effect : *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/  
 Medium high/Medium/  
 Medium-low/Low/  
 Low-negligible/ Negligible  
 /Beneficial*



Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b><i>Grass verges and occasionally ditches occur along road sides</i></b>	The site access to the AD plant on Common Road will impact a minor extent of the roadside verge. Elsewhere on the haul route, minor adjustments will be made to roadside verges to enable safe site access.	The new vehicular access into the main AD plant off Common Road will impact on the road verge. However, the new hedgerow corridor along the road is otherwise set back to protect the verge and overtime will provide a strong enclosing character at the back of the verge.	Once mature, the planting associated with the proposed development would better integrate the access and provide a stronger definition of the roadside verge.	The significance of landscape effect for the receptor:
	<i>Short-term, temporary effect</i>	Medium-term, irreversible effect	<i>Long-term, irreversible effect</i>	
Moderate susceptibility to change Low value	<i>Geographic extent is</i> MINOR	<i>Geographic extent is</i> MINOR	<i>Geographic extent is</i> MINOR	Short Term (Construction Phase) LOW
	<i>Size or scale of change</i> MINOR	<i>Size or scale of change</i> MINOR	<i>Size or scale of change</i> MINOR	Medium Term (At completion – 5 years) LOW
<i>Receptor sensitivity is</i> MODERATE-LOW	<i>Magnitude and nature of effect</i> MINOR ADVERSE	<i>Magnitude and nature of effect</i> MINOR ADVERSE	<i>Magnitude and nature of effect</i> NEGLECTIBLE NEUTRAL	Long Term (After 15 years) NEUTRAL

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
 Value of landscape: *High/Moderate/ Low*  
 Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
 Reversibility: *Yes, within (timescale)/No*  
 Size or scale of change : *Negligible/Minor/Moderate/ Major/Severe*  
 Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
 Magnitude of effect : *Negligible/Minor/Moderate/Major/Severe*  
 Nature of effect : *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/  
 Medium high/Medium/  
 Medium-low/Low/  
 Low-negligible/ Negligible  
 /Beneficial*

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Sparsely settled with scattered farmhouses, some linear settlement with absence of centre/core</b>	The negative impacts of construction would have some temporary adverse impacts on the setting of the Deal Farm and The Oaks Farm complex due to noise, dust, coloured hoardings, scaffolding and the movements of construction vehicles associated with the AD plant and the lagoons.	The AD plant and the lagoons will not directly impact any existing settlements. The adjacent Deal Farm farmhouse is surrounded to the north and east by extensive modern barn structures about the western boundary of the main AD plant site. Similarly, The Oaks Farm house southeast of the main AD plant site on Kenninghall Road has also been significantly expanded by a series of large agricultural barns to the south. The overall impact of these existing very visible building clusters is to create a semi-industrial character which the AD plant and lagoons will significantly extend. The boundary woodland planting and new hedgerows and trees will reduce the impact of the new AD infrastructure, but it should also be noted that the wider planting associated with the Southern Lagoons and off-site along the PROW will also serve to mitigate the impact of the existing industrial farm structures. The overall landscape will need time to mature before it provides any significant landscape benefit.	Once mature, the planting associated with the proposed development would integrate and screen views to the AD plant and farm buildings significantly decluttering the wider context by creating a more enclosed landscape context.	The significance of landscape effect for the receptor:
	<i>Short-term, irreversible effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	
	<i>Size or scale of change MINOR</i>	<i>Size or scale of change MODERATE</i>	<i>Size or scale of change MINOR</i>	
Moderate susceptibility to change Low value				Short Term (Construction Phase) LOW
				Medium Term (At completion – 5 years) LOW
Receptor sensitivity is MODERATE-LOW	Magnitude and nature of effect MINOR ADVERSE	Magnitude and nature of effect MODERATE ADVERSE	Magnitude and nature of effect MINOR ADVERSE	Long Term (After 15 years) LOW

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
 Value of landscape: *High/Moderate/ Low*  
 Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
 Reversibility: *Yes, within [timescale]/No*  
 Size or scale of change : *Negligible/Minor/Moderate/ Major/Severe*  
 Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
 Magnitude of effect : *Negligible/Minor/Moderate/Major/Severe*  
 Nature of effect : *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/  
 Medium high/Medium/  
 Medium-low/Low/  
 Low-negligible/ Negligible  
 /Beneficial*

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>The network of quiet, straight rural lanes that cross the plateau</b>	The site access to the AD plant on Common Road will impact Common Road with construction traffic adding activity and noise. Elsewhere on the haul route to and from the site. Minor adjustments will be made to roadside verges to enable safe site access. Construction traffic to and from the site will add activity and some noise to the haul route lanes.	The AD plant and the lagoons will not directly impact the quiet network of local rural lanes on the plateau but the haul route to and from the facility will be subject to localised minor adjustments enabling the necessary vehicles to access the site. The new AD plant itself will be visible from some local lanes. The boundary woodland planting will reduce the impact of the new AD infrastructure but it should also be noted that the wider planting of hedgerows and trees along local lanes, around the lagoons and off-site along the PROW will serve to mitigate the impact of the existing industrial farm structures and the new AD plant structures, re-establishing a sense of the more enclosed landscape which used to exist before the more recent decades of agricultural intensification. The overall landscape will need time to mature before it provides any significant landscape benefit.	Once mature, the planting of hedgerows and trees along local lanes and off-site along the PROW will also serve to mitigate the impact of the AD plant and the lagoons. These new roadside features will re-establish a sense of the more enclosed landscape which used to line the local lanes before the more recent decades of agricultural intensification.	The significance of landscape effect for the receptor:
	<i>Short-term, temporary effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Short Term (Construction Phase) MEDIUM-LOW</i>
	<i>Size or scale of change MODERATE</i>	<i>Size or scale of change MODERATE</i>	<i>Size or scale of change MINOR</i>	<i>Medium Term (At completion – 5 years) MEDIUM-LOW</i>
Moderate susceptibility to change Moderate value				
Receptor sensitivity is MODERATE	Magnitude and nature of effect MODERATE ADVERSE	Magnitude and nature of effect MODERATE ADVERSE	Magnitude and nature of effect MINOR ADVERSE	Long Term (After 15 years) LOW

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
 Value of landscape: *High/Moderate/ Low*  
 Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
 Reversibility: *Yes, within (timescale)/No*  
 Size or scale of change: *Negligible/Minor/Moderate/ Major/Severe*  
 Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
 Magnitude of effect: *Negligible/Minor/Moderate/Major/Severe*  
 Nature of effect: *Beneficial/Neutral/Adverse*

**Significance value:**  
*Very High/High/ Medium high/Medium/ Medium-low/Low/ Low-negligible/ Negligible /Beneficial*

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 (Annex A1))
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Expansive skies are a defining feature with distant views</b>  Moderate susceptibility to change Moderate value	The negative impacts of construction would have some temporary adverse impacts on the expansive skies of the plateau. Larger construction traffic in the form of cranes may well break the skyline.	The structural landscape around the main AD plant structures and the lagoons will assist to integrate the Site with its surroundings and reduce the visual impact of all associated infrastructure but it will change the character of the flat open plateau landscape. In the short term, however, the new planting will not have matured to have a significant impact and the new digester silos will in some views break the skyline. In some cross-plateau views the lighting conductors will also be visible against the skyline impacting some skyline views.	Once mature, the planting associated with the proposed development would integrate the AD plant and the lagoons but this planting will also change the local landscape character creating a more enclosed landscape with less expansive views of the sky from some lanes adjacent to the site.	The significance of landscape effect for the receptor:
	<i>Short-term, temporary effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Geographic extent is MODERATE</i>	<i>Short Term (Construction Phase) MEDIUM</i>
	<i>Size or scale of change MAJOR</i>	<i>Size or scale of change MAJOR</i>	<i>Size or scale of change MODERATE</i>	<i>Medium Term (At completion – 5 years) MEDIUM</i>
<i>Receptor sensitivity is MODERATE</i>	<i>Magnitude and nature of effect MAJOR-MODERATE ADVERSE</i>	<i>Magnitude and nature of effect MAJOR-MODERATE ADVERSE</i>	<i>Magnitude and nature of effect MODERATE-MINOR ADVERSE</i>	<i>Long Term (After 15 years) LOW</i>

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
Value of landscape: *High/Moderate/ Low*  
Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
Reversibility: *Yes, within (timescale)/No*  
Size or scale of change : *Negligible/Minor/Moderate/ Major/Severe*  
Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
Magnitude of effect : *Negligible/Minor/Moderate/Major/Severe*  
Nature of effect : *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/*  
*Medium high/Medium/*  
*Medium-low/Low/*  
*Low-negligible/ Negligible*  
*/Beneficial*

Landscape receptors RECEPTOR SENSITIVITY	Predicted landscape effects MAGNITUDE OF CHANGE			Significance of landscape effect RECEPTOR SENSITIVITY X MAGNITUDE OF CHANGE (ref Table A1.4 [Annex A1])
	Short Term (Construction phase)	Medium Term (At completion - 5 years)	Long Term (After 15 years)	
<b>Landscape elements of the site</b>	There are no existing retained landscape features on-site to be protected during construction. New boundary landforms will be shaped early in the construction process for the AD plant and the lagoons.	The landscape structure proposed for the main AD plant will reinforce the existing and strengthen the eastern, northern and western boundaries of the Site by introducing a native woodland planting mix with larger specimen trees located to have some impact in the early. The landscape strategy for the lagoons follows the same strategy with significant belts of native woodland planting which will eventually provide year-round provide screening. In order to mitigate the impact of the development, in particular the lightning masts in longer views new native hedgerows and trees along certain roads, lanes and PROW will reintroduce lost landscape features and which will in turn increase ecological connectivity across the plateau. However, the planting will take years to establish and mature.	Once mature, the planting associated with the proposed development would better integrate the AD plant structures and the lagoons. Most views of the former arable field would be screened by the mature landscape scheme and in addition, the planting would improve the overall green infrastructure network.	The significance of landscape effect for the receptor:
Moderate susceptibility to change Moderate value	<i>Short-term, irreversible effect</i>	<i>Medium-term, irreversible effect</i>	<i>Long-term, irreversible effect</i>	
	<i>Geographic extent is</i> MINOR	<i>Geographic extent is</i> MODERATE	<i>Geographic extent is</i> MODERATE	<i>Short Term</i> <i>(Construction Phase)</i> MEDIUM-LOW
	<i>Size or scale of change</i> MINOR	<i>Size or scale of change</i> MODERATE	<i>Size or scale of change</i> MODERATE	<i>Medium Term</i> <i>(At completion – 5 years)</i> MEDIUM-LOW
<i>Receptor sensitivity is</i> MODERATE	<i>Magnitude and nature of effect</i> MODERATE ADVERSE	<i>Magnitude and nature of effect</i> MODERATE ADVERSE	<i>Magnitude and nature of effect</i> MODERATE BENEFICIAL	<i>Long Term</i> <i>(After 15 years)</i> BENEFICIAL

#### Terminology for Landscape Effect

Susceptibility to change: *High/ Moderate/Low*  
 Value of landscape: *High/Moderate/ Low*  
 Overall sensitivity of receptor: *High/Moderate/Low*

Duration: *Short term/Medium term/Long term*  
 Reversibility: *Yes, within (timescale)/No*  
 Size or scale of change: *Negligible/Minor/Moderate/ Major/Severe*  
 Geographic extent: *Minor (Limited)/Moderate/ Major (Extensive)*  
 Magnitude of effect: *Negligible/Minor/Moderate/Major/Severe*  
 Nature of effect: *Beneficial/Neutral/Adverse*

**Significance value :**  
*Very High/High/*  
*Medium high/Medium/*  
*Medium-low/Low/*  
*Low-negligible/ Negligible*  
*/Beneficial*