



West Winch Housing Access Road

Environmental Statement Chapter 1: Appendix 1: EIA Scoping Report Annex F

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1 Additional information to support chapter 10 – materials and waste

1.1.1 The below tables provide supporting information with regards to Chapter 10 (Materials and Waste) of the main text of Appendix 1.1 (EIA Scoping Report). The tables contain information relating to the assessment criteria for significance of effect.

Table 1.1 - Significance Criteria for Sensitivity

Sensitivity	Materials criteria On balance, the key materials required for the construction of the Project...	Inert and non-hazardous waste criteria Landfill void capacity is expected to...	Hazardous waste criteria Landfill void capacity is expected to...
Negligible	<p>...are forecast (through trend analysis and other information) to be free from known issues regarding supply and stock; and/or ...are available comprising a very high proportion of sustainable features and benefits compared to industry-standard materials*</p>	<p>...remain unchanged, or is expected to increase through a committed change in capacity.</p>	<p>...remain unchanged, or is expected to increase through a committed change in capacity.</p>



Sensitivity	Materials criteria On balance, the key materials required for the construction of the Project...	Inert and non-hazardous waste criteria Landfill void capacity is expected to...	Hazardous waste criteria Landfill void capacity is expected to...
Low	...are forecast (through trend analysis and other information) to be generally free from known issues regarding supply and stock; and/or ...are available comprising a high proportion of sustainable features and benefits compared to industry-standard materials.	...reduce minimally: by <1% as a result of wastes forecast.	...reduce minimally: by <0.1% as a result of wastes forecast.
Medium	...are forecast (through trend analysis and other information) to suffer from some potential issues regarding supply and stock; and/or ...are available comprising some sustainable features and benefits compared to industry-standard materials.	...reduce noticeably: by 1-5% as a result of wastes forecast.	...reduce noticeably: by 0.1-0.5% as a result of wastes forecast.



Sensitivity	Materials criteria On balance, the key materials required for the construction of the Project...	Inert and non-hazardous waste criteria Landfill void capacity is expected to...	Hazardous waste criteria Landfill void capacity is expected to...
High	<p>...are forecast (through trend analysis and other information) to suffer from known issues regarding supply and stock;</p> <p>and/or</p> <p>...comprise little or no sustainable features and benefits compared to industry-standard materials.</p>	<p>...reduce considerably: by 6-10% as a result of wastes forecast.</p>	<p>...reduce considerably: by 0.5-1% as a result of wastes forecast.</p>
Very High	<p>...are known to be insufficient in terms of production, supply and/or stock;</p> <p>and/or</p> <p>...comprise no sustainable features and benefits compared to industry-standard materials.</p>	<p>... reduce very considerably (by>10%); end during construction or operation; is already known to be unavailable; or, would require new capacity or infrastructure to be put in place to meet forecast demand.</p>	<p>... reduce very considerably (by >1%); end during construction or operation; is already known to be unavailable; or, would require new capacity or infrastructure to be put in place to meet forecast demand.</p>

Notes: * Subject to supporting evidence, sustainable features and benefits could include, for example, materials or products that:

- comprise reused, secondary or recycled content (including excavated and other arisings);
- support the drive to a circular economy;
- or in some other way reduce lifetime environmental impacts.



Sensitivity	Materials criteria On balance, the key materials required for the construction of the Project...	Inert and non- hazardous waste criteria Landfill void capacity is expected to...	Hazardous waste criteria Landfill void capacity is expected to...
Negligible	...are forecast (through trend analysis and other information) to be free from known issues regarding supply and stock; and/or ...are available comprising a very high proportion of sustainable features and benefits compared to industry-standard materials*	...remain unchanged, or is expected to increase through a committed change in capacity.	...remain unchanged, or is expected to increase through a committed change in capacity.
Low	...are forecast (through trend analysis and other information) to be generally free from known issues regarding supply and stock; and/or ...are available comprising a high proportion of sustainable features and benefits compared to industry-standard materials.	...reduce minimally: by <1% as a result of wastes forecast.	...reduce minimally: by <0.1% as a result of wastes forecast.



Sensitivity	Materials criteria On balance, the key materials required for the construction of the Project...	Inert and non- hazardous waste criteria Landfill void capacity is expected to...	Hazardous waste criteria Landfill void capacity is expected to...
Medium	...are forecast (through trend analysis and other information) to suffer from some potential issues regarding supply and stock; and/or ...are available comprising some sustainable features and benefits compared to industry-standard materials.	...reduce noticeably: by 1-5% as a result of wastes forecast.	...reduce noticeably: by 0.1-0.5% as a result of wastes forecast.
High	...are forecast (through trend analysis and other information) to suffer from known issues regarding supply and stock; and/or ...comprise little or no sustainable features and benefits compared to industry-standard materials.	...reduce considerably: by 6-10% as a result of wastes forecast.	...reduce considerably: by 0.5-1% as a result of wastes forecast.



Sensitivity	Materials criteria On balance, the key materials required for the construction of the Project...	Inert and non-hazardous waste criteria Landfill void capacity is expected to...	Hazardous waste criteria Landfill void capacity is expected to...
Very High	...are known to be insufficient in terms of production, supply and/or stock; and/or ...comprise no sustainable features and benefits compared to industry-standard materials.	... reduce very considerably (by>10%); end during construction or operation; is already known to be unavailable; or, would require new capacity or infrastructure to be put in place to meet forecast demand.	... reduce very considerably (by >1%); end during construction or operation; is already known to be unavailable; or, would require new capacity or infrastructure to be put in place to meet forecast demand.

Notes: * Subject to supporting evidence, sustainable features and benefits could include, for example, materials or products that:

- comprise reused, secondary or recycled content (including excavated and other arisings);
- support the drive to a circular economy;
- or in some other way reduce lifetime environmental impacts.



Table 1.2 - Significance Criteria for Magnitude

Magnitude	Materials Criteria The assessment of the Project is made by determining whether the consumption of...	Inert and non-hazardous waste criteria The percentage depletion of remaining landfill void capacity	Hazardous waste criteria The percentage depletion of remaining landfill void capacity
No change	...no materials is required	Zero waste generation and disposal from the development.	Zero waste generation and disposal from development
Negligible	..no individual material type is equal to or greater than 1% by volume of the regional* baseline availability.	Waste generated by the development will reduce regional* landfill void capacity baseline ^{\$} by <1%.	Waste generated by the development will reduce national landfill void capacity baseline ^{\$} by <0.1%



Magnitude	Materials Criteria The assessment of the Project is made by determining whether the consumption of...	Inert and non-hazardous waste criteria The percentage depletion of remaining landfill void capacity	Hazardous waste criteria The percentage depletion of remaining landfill void capacity
Minor	<p>...one or more materials is between 1-5% by volume of the regional* baseline availability;</p> <p>and/or</p> <p>the development has the potential to adversely and substantially# impact access to one or more allocated mineral site (in their entirety), placing their future use at risk.</p>	Waste generated by the development will reduce regional* landfill void capacity baseline\$ by 1-5%.	Waste generated by the development will reduce national landfill void capacity baseline\$ by <0.1-0.5%
Moderate	<p>...one or more materials is between 6-10% by volume of the regional* baseline availability;</p> <p>and/or</p> <p>one allocated mineral site is substantially# sterilised by the development rendering it inaccessible for future use.</p>	Waste generated by the development will reduce regional* landfill void capacity baseline\$ by 6-10%.	Waste generated by the development will reduce national landfill void capacity baseline\$ by <0.5-1%



Magnitude	Materials Criteria The assessment of the Project is made by determining whether the consumption of...	Inert and non-hazardous waste criteria The percentage depletion of remaining landfill void capacity	Hazardous waste criteria The percentage depletion of remaining landfill void capacity
Major	...one or more materials is >10% by volume of the regional* baseline availability; and/or more than one allocated mineral site is substantially# sterilised by the development rendering it inaccessible for future use.	Waste generated by the development will reduce regional* landfill void capacity baseline\$ by >10%.	Waste generated by the development will reduce national landfill void capacity baseline\$ by >1%

Notes: * or where justified, national.

justified using professional judgement, based on the scale and nature of the allocated mineral site being assessed.

\$ forecast as the worst-case scenario, during a defined construction phase.



Magnitude	Materials Criteria The assessment of the Project is made by determining whether the consumption of...	Inert and non-hazardous waste criteria The percentage depletion of remaining landfill void capacity	Hazardous waste criteria The percentage depletion of remaining landfill void capacity
No change	...no materials is required	Zero waste generation and disposal from the development.	Zero waste generation and disposal from development
Negligible	...no individual material type is equal to or greater than 1% by volume of the regional* baseline availability.	Waste generated by the development will reduce regional* landfill void capacity baseline ^{\$} by <1%.	Waste generated by the development will reduce national landfill void capacity baseline ^{\$} by <0.1%
Minor	...one or more materials is between 1-5% by volume of the regional* baseline availability; and/or the development has the potential to adversely and substantially [#] impact access to one or more allocated mineral site (in their entirety), placing their future use at risk.	Waste generated by the development will reduce regional* landfill void capacity baseline ^{\$} by 1-5%.	Waste generated by the development will reduce national landfill void capacity baseline ^{\$} by <0.1-0.5%



Magnitude	Materials Criteria The assessment of the Project is made by determining whether the consumption of...	Inert and non-hazardous waste criteria The percentage depletion of remaining landfill void capacity	Hazardous waste criteria The percentage depletion of remaining landfill void capacity
Moderate	...one or more materials is between 6-10% by volume of the regional* baseline availability; and/or one allocated mineral site is substantially# sterilised by the development rendering it inaccessible for future use.	Waste generated by the development will reduce regional* landfill void capacity baseline\$ by 6-10%.	Waste generated by the development will reduce national landfill void capacity baseline\$ by <0.5-1%
Major	...one or more materials is >10% by volume of the regional* baseline availability; and/or more than one allocated mineral site is substantially# sterilised by the development rendering it inaccessible for future use.	Waste generated by the development will reduce regional* landfill void capacity baseline\$ by >10%.	Waste generated by the development will reduce national landfill void capacity baseline\$ by >1%

Notes: * or where justified, national.

justified using professional judgement, based on the scale and nature of the allocated mineral site being assessed.

§ forecast as the worst-case scenario, during a defined construction phase.

Table 1.3 - Significance of effects matrix

Sensitivity	Magnitude of Impact No change	Magnitude of Impact Negligible	Magnitude of Impact Minor	Magnitude of Impact Moderate	Magnitude of Impact Major
Very High	Neutral	Slight	Moderate or Large	Large or Very Large	Very Large
High	Neutral	Slight	Slight or Moderate	Moderate or Large	Large or Very Large
Medium	Neutral	Neutral or Slight	Slight	Moderate	Moderate or Large
Low	Neutral	Neutral or Slight	Neutral or Slight	Slight	Slight or Moderate
Negligible	Neutral	Neutral	Neutral or Slight	Neutral or Slight	Slight

Table 1.4 - Descriptions for significance of effect

Significance Criteria	Materials Significance of Effect	Waste Significance of Effect
Neutral	Not significant	Not significant
Slight	Not significant	Not significant
Moderate	Significant	Significant
Large	Significant	Significant
Very Large	Significant	Significant