

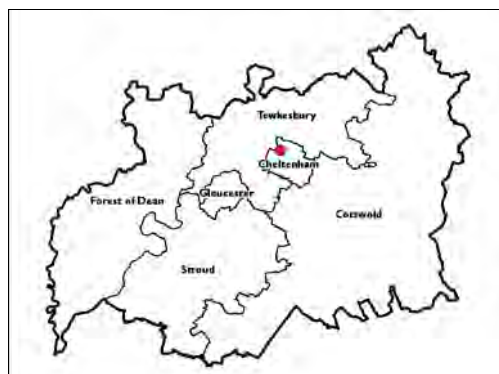
APPENDIX 2
Site SA Schedules

Site name: Swindon Road, Cheltenham and Surrounding Industrial Estates

LUC ID: 2

Area (ha): 68.97

District: Cheltenham



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A large site within an existing Industrial Estate close to a built up area of Cheltenham and sensitive receptors within 250m include residential properties to the south west and south east, and a smaller residential area to the north. The site is close to two schools (Swindon Village School 220m and St Benedict's School 320m). The GCC site assessment highlights a playing field, church, BMX track, play area and University of Gloucestershire buildings as other sensitive receptors. Therefore development of a waste facility on the site could have the potential for negative effects on health and well being.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Swindon Road, Cheltenham and Surrounding Industrial Estates

LUC ID: 2

Area (ha): 68.97

District: Cheltenham

Objective 3 justification: The site is within a large Industrial Estate and is located in a built up area of Cheltenham within 250m of a variety of sensitive receptors, thus it has the potential for a negative effect on local amenity. In view of proximity to an existing waste management facility (Cheltenham Borough Recycling Centre and Depot) there may also be the potential for a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement: +?**

Industrial estates: Within or adjacent to existing industrial estate +?

Waste Local plan: More than 250m from Waste Local Plan site

Proximity to existing waste facilities: Adjacent to existing waste management facilities +?

Objective 4 justification: This site within a large (69ha) Industrial Estate contains five main areas that include industrial, retail, business and mixed uses, as well as an existing waste facility. The site is included in Cheltenham Borough Council's Employment Land Review, thus it has potential for positive effects on sustainable local economic activity and scope to encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement: 0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement: + +**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. + +

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement: -?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site lies with the Gloucestershire Airport consultation zone, and there could be potential for negative effects on aircraft safety.

SA Objective 8: Biodiversity **SA Judgement: -?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Key Wildlife Sites: More than 500m from Key Wildlife Sites 0

Site name: Swindon Road, Cheltenham and Surrounding Industrial Estates

LUC ID: 2

Area (ha): 68.97

District: Cheltenham

BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	There are BAP Priority species recorded within 500m of the site according to the more detailed GCC Ecology assessment. However, the assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive and has scored this effect as (0) neutral for this site as there are no international, national or locally designated sites of nature conservation. There is potential for a minor negative or uncertain effect on important ecological constraint (e.g. BAP Priority species Great Crested Newt, Viviparous Lizard, Kingfisher, White Letter Hairstreak) which are recorded within 35m and up to 250m distant in proximity to the site.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes the site is entirely on previously developed land within the urban area of Cheltenham, and is not adjacent to an AONB. It is more than 1km from an AONB, and within an existing industrial estate thus it should have a negligible effect on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The site is in an existing industrial estate containing waste management facilities, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application. Due to the large nature of the site and the surrounding industrial, business and retail uses there could be potential for positive effects through innovative design.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+?

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having an opportunity for major enhancement and/or additional routes to be constructed	++
Objective 11 justification:	There are a number of footpaths linking to Swindon Farm and the northern boundary, and the GCC PROW Team assessment scores positively against this objective, and indicates that footpaths may need diversion, although enhancements are unlikely. There could be potential for minor positive effects on recreational access in relation to this objective.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

Site name: Swindon Road, Cheltenham and Surrounding Industrial Estates

LUC ID: 2

Area (ha): 68.97

District: Cheltenham

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: There are no recorded geological features on the site or within 250m of the boundary according to GGT assessment, therefore the site scores neutral for this objective.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: This site is within an existing industrial estate and within 100m of the Swindon Village Conservation Area, and a number of Gd II listed buildings.
The GCC site assessment indicates the site is also within close proximity to recorded SMR sites, one of which is a medieval mill site. Adjacent listed buildings are not considered to present setting issues, and the neighbouring church (St Lawrence) and manor house are screened by trees. Therefore, this site could have a minor negative effect on townscapes and heritage.

SA Objective 14: Flooding **SA Judgement:** 0

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) 0

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The GCC flood risk assessment indicates that the site is within Flood Zones 1, 2 and 3a, but lies predominantly in Flood Zone 1. Thus the site could have the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply, but the assessment notes that the final suitability figure has been reduced (to score for Flood Zone 2) due to the high number of flooding incidents recorded within and immediately adjacent to the site in relation to the River Chelt. The indication is that if the flood risk areas remain as open space, the site could be potentially be suitable for waste management uses. Therefore, this site should not have any effects on this objective providing the conditions set out in relation to open space are implemented are adhered to.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +?

Site name: Swindon Road, Cheltenham and Surrounding Industrial Estates

LUC ID: 2

Area (ha): 68.97

District: Cheltenham

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land +

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. Information provided by Cheltenham Borough Council in the GCC site assessment reveals that some parts of the site, or the adjoining area have been remediated, and additional re-development may provide opportunities for further remediation to help improve soil/land quality.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as good or high in the GCC Highways assessment as it has medium access via the A4019 and Kingsditch Lane to the Strategic Highway Network. However, the assessment notes that if all movements were via J10 of the M5 this could considerably assist the site and help improve air quality in this location. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

Objective 19 justification: This site has been assessed by GCC Highways as having high potential for sustainable transport by rail/and or water, and as high in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: Swindon Road, Cheltenham and Surrounding Industrial Estates

LUC ID: 2

Area (ha): 68.97

District: Cheltenham

Objective 22 justification: There is potential for co-location of complementary waste management facilities on this site that could help assist adaptation to climate change. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Foss Cross Industrial Estate

LUC ID: 26

Area (ha): 6.19

District: Cotswold



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SA Objective 1: Health and well-being	SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site surrounded by open fields/countryside, which is greater than 250m from any sensitive receptors, therefore development of a waste facility on the site should have negligible effects on health and well being.

SA Objective 2: Educate and maximise community participation	SA Judgement:	+?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Cumulative impacts on community: Adjacent to existing waste management facilities -

Objective 3 justification: The site is further than 250m from all sensitive receptors, therefore should have a negligible effect on this objective. The site is adjacent to an existing facility (Foss Cross Household Recycling Centre) but due to its distance from sensitive receptors, this is unlikely to cause a cumulative negative effect.

Site name: Foss Cross Industrial Estate

LUC ID: 26

Area (ha): 6.19

District: Cotswold

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	Adjacent to site from Waste Local Plan		+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities		+?
Objective 4 justification:	This site is within an existing Industrial Estate, and contains existing waste management facilities and is adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-	
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	+?
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	Within 500m of SSSI		-
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites		-
BAP species:	More than 500m from BAP Species		0
BAP habitat:	More than 500m from BAP Habitat		0

Site name: Foss Cross Industrial Estate

LUC ID: 26

Area (ha): 6.19

District: Cotswold

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+?
Objective 8 justification:	The SSSI (Foss Cross Quarry) and a Key Wildlife Site (Calmsdon dismantled railway line) are within 500m of the site thus there is potential for a minor negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint (Priority Habitat of lowland calcareous grassland and some Priority species e.g. Viviparous Lizard, Swallow, Duke of Burgundy Fritillary) greater than 250m and up to and including 1km distant.	
SA Objective 9: Landscape		SA Judgement: - -
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within the Cotswold AONB. In addition it is not within an existing industrial estate, thus it could have significant negative effects on landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that it is surrounded by open fields/countryside, and situated within the Cotswold AONB. However, the site is an existing Industrial Estate containing waste management facilities, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +?
Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	More than 250m from a PROW	0
GCC PROW assessment:	Assessed as having no PROW network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	GCC site assessment and GIS analysis indicates that there are no PROW present on site, but two disused railway cuttings adjacent to the site may offer potential for new routes.	
SA Objective 12: Geodiversity		SA Judgement: -
SSSI:	Within 500m of SSSI	-
RIGGS:	More than 500m from a RIGGS	0

Site name: Foss Cross Industrial Estate

LUC ID: 26

Area (ha): 6.19

District: Cotswold

Objective 12 justification: The GCC site assessment indicates that there are SSSIs with geological features at Foss Cross and Stony Furlong Railway Cutting, and a Geological Local Site recorded on this site (Folly Barn & Aldgrove Cuttings). Access for the general public has been agreed to the SSSI at Foss Cross Quarry. There could be potential for negative effects on this objective.

SA Objective 13: Heritage **SA Judgement:** **+**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: This site is within an existing industrial estate and more than 100m or 250m from cultural assets. In addition the GCC Archaeology assessment states there is no significant archaeology known on the site, and setting of Old Gore Barn (listed building) is unlikely to be affected as it is screened by trees. Therefore, this site should have a minor positive effect on townscape and heritage.

SA Objective 14: Flooding **SA Judgement:** **++**

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **++**

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land.

Site name: Foss Cross Industrial Estate

LUC ID: 26

Area (ha): 6.19

District: Cotswold

SA Objective 17: Air quality		SA Judgement: ++
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	This site has been assessed as good or high by the GCC Highways assessment as it has good direct access onto the strategic highway network. In addition it is not within 1km of an AQMA, therefore this site should have a significant positive impact on protecting air quality.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: -/++
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport	
Objective 19 justification:	This site has been assessed by GCC Highways as having no potential for rail and/or water transport but as good in relation to its proximity to the strategic highways network, so the overall effect on this objective is mixed.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.	

Site name: Foss Cross Industrial Estate

LUC ID: 26

Area (ha): 6.19

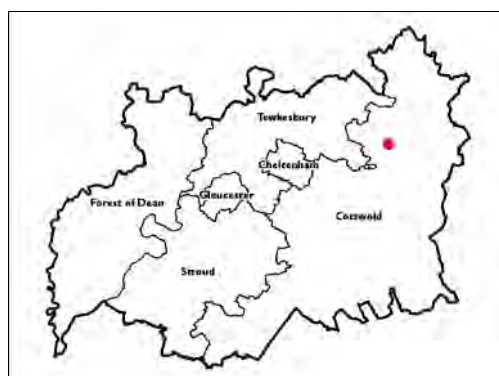
District: Cotswold

Site name: Huntsmans Quarry, Naunton

LUC ID: 28

Area (ha): 146.49

District: Cotswold



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SA Objective 1: Health and well-being		SA Judgement:	0
Existing residential:	Over 250m from existing residential properties		0
Proposed residential:	Over 250m from proposed housing		0
Schools:	Over 250m from a school		0
Hospitals:	Over 250m from a hospital		0
Offices:	Over 250m from offices		0
Faith centres:	Over 250m from places of worship		0
Objective 1 justification:	A very large site consisting of a building stone and aggregate quarry operation, which according to the GCC site assessment has no sensitive receptors within 250m, and is surrounded by open fields/countryside and neighbouring farms. The development of a waste facility should have negligible effects on health and well being. *It has not been possible to establish if the two farms (one inside the site boundary - Nosehill Farm and the other just outside - Chalkhill Farm) are still in operation, if this is the case then they would be sensitive receptors.		
SA Objective 2: Educate and maximise community participation		SA Judgement:	+?
Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.		
SA Objective 3: Amenity of local communities		SA Judgement:	0
Existing residential:	Over 250m from existing residential properties		0
Proposed residential:	Over 250m from proposed housing		0
Schools:	Over 250m from a school		0
Hospitals:	Over 250m from a hospital		0
Offices:	Over 250m from offices		0
Faith centres:	Over 250m from places of worship		0
Cumulative impacts on community:	Adjacent to existing waste management facilities		-

Site name: Huntsmans Quarry, Naunton

LUC ID: 28

Area (ha): 146.49

District: Cotswold

Objective 3 justification: The site is an active quarry containing existing waste management facilities, is within the Cotswold AONB and is over 250m from the nearest neighbouring farms. As such, a negligible effect on the amenity of the local community is expected. While the site is located adjacent to existing waste management facilities, it is over 250m from sensitive receptors, so is not expected to have a cumulative effect on the local community.

ere could be minor negative and cumulative impacts on amenity for the local community in relation to this objective, particularly through increased vehicular access.

SA Objective 4: Sustainable economic deveopment **SA Judgement:** **+**?

Industrial estates: Situated in working building stone and aggregate quarry **+**?

Waste Local plan: More than 250m from Waste Local Plan site

Proximity to existing waste facilities: Adjacent to existing waste management facilities **+**?

Objective 4 justification: The site is situated within a working building stone and aggregate quarry, and contains existing waste management facilities. The site location adjacent to an existing waste management facility and working quarry could have the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **-**

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area **0**

Objective 7 justification: GCC site assessment indicates that the site is not located within a safeguarding/consultation area for aerodromes and therefore there should be no effects on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: Within the boundary of SSSI **- -**

Site name: Huntsmans Quarry, Naunton

LUC ID: 28

Area (ha): 146.49

District: Cotswold

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within the boundary of BAP Habitat	--
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site itself is an identified SSSI (Huntsman Quarry) and lies within 500m of the Barton Bushes SSSI and 2,380m from the Brassey Reserve and Windrush Valley SSSI which is a designated aquifer/surface/flood water dependent site, thus there is potential for a minor negative effects on biodiversity. However, the more detailed GCC Ecology assessment indicates proximity to designated aquifer/surface/flood water dependent site over 1km distant so potentially there should be no effects on this objective. (Part of the site contains a restored landfill with its own BAP to include a special habitat for endangered Cotswold Pennycress) GCC site assessment indicates that the ecological constraints are considered to be at a sufficient distance to avoid negative impacts in relation to this objective.	
SA Objective 9: Landscape		SA Judgement: - -?
Industrial Estates:	Situated in working building stone and aggregate quarry	0
AONB:	Within an AONB	--
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within the Cotswold AONB on land that has been quarried, thus it could have significant negative effects on landscape. However, this effect is uncertain because this site is within a working quarry with associated infrastructure, and an existing waste management facility.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment notes that 60% of the site is occupied by working building stone and aggregate recycling facility containing an existing waste facility and associated infrastructure. There is some woodland to the south east and north east of the site that would provide natural screening, depending on the location of the facility. In view of the site location within a working quarry there is the potential for neutral or uncertain effects against this objective.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: 0
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	0
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0

Site name: Huntsmans Quarry, Naunton

LUC ID: 28

Area (ha): 146.49

District: Cotswold

Objective 11 justification: The GCC PROW Team assessment indicates that there is footpath adjoining the site, but no diversion will be necessary, and enhancements will not be required, so there are unlikely to be any effects (0) against this objective. However, the site assessment also notes that Huntsman Quarry SSSI has recently had a guide published and public access to the site has been agreed which should have a positive effect on cultural and recreational assets.

SA Objective 12: Geodiversity **SA Judgement:** - -

SSSI: Within the boundary of SSSI - -

RIGGS:

Objective 12 justification: GGT site assessment states that Huntsman Quarry SSSI contains features of known geodiversity importance and due to the publication of a recent guide and agreed public access to increase educational value there is potential for significant negative effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: Scheduled Ancient Monument present on site - -

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is within a working quarry and building stone operation and within 100m of a listed building and a scheduled barrow. In addition, the GCC Archaeology assessment states that there are other numerous scheduled sites in the vicinity, which have the potential for significant negative effects on heritage. Therefore, this site could have a major negative effect on heritage. The site assessment by GCC Archaeology Team acknowledges that waste disposal sites within the quarry itself are unlikely to be problematic.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment + +

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Huntsmans Quarry, Naunton

LUC ID: 28

Area (ha): 146.49

District: Cotswold

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+?**

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: partially within grade 1, 2 or within grade 3 BMV -?

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a minor positive effect on protecting soil/land quality as it is a large site that is partially on previously developed land (land that has been quarried) and contains a restored landfill area providing a special habitat for an endangered species (Cotswold Pennycress). GCC site assessment indicates that no information was made available in relation to potential contamination on this site.

SA Objective 17: Air quality **SA Judgement:** **-**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor or low by the GCC Highways assessment since access to the site would be via other unclassified and B roads and would involve trips through the AONB to reach the Strategic Highway Network. Therefore this site could have potentially minor negative impacts on air quality. It is not within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **-**

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having no potential for rail/and or water transport. It could therefore have a negative effect on this objective.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** **+**

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** **+?**

Industrial estates: Situated in working building stone and aggregate quarry +?

Site name: Huntsmans Quarry, Naunton

LUC ID: 28

Area (ha): 146.49

District: Cotswold

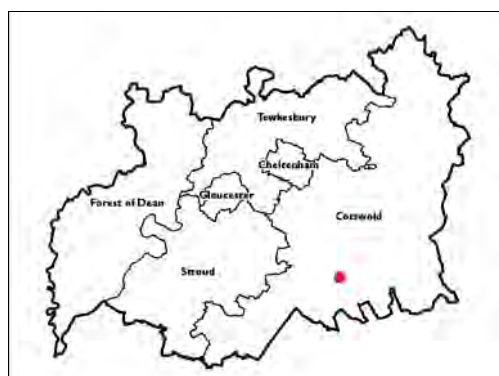
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	Proximity to neighbouring quarry and existing waste management facility could offer some minor positive effects against this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.	

Site name: Kingshill North, Cirencester

LUC ID: 29

Area (ha): 4.99

District: Cotswold



SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from place of worship	0

Objective 1 justification: A small site partially surrounded by open fields, but which is within 250m of a number of sensitive receptors. These include Kingshill School, a play area, allotments, and a large residential area bordering the south west of the site (within 100m) and a couple of properties within the 100-250m boundary to the east. In addition, a hotel is located just outside the site boundary beyond the A429. According to the GCC site assessment new housing is also planned to the west of the site. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from place of worship	0

Site name: Kingshill North, Cirencester

LUC ID: 29

Area (ha): 4.99

District: Cotswold

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	This site is located within 250m of existing residential properties, a school, and play area, and is in an area allocated for planned new housing, so, there is the potential for negative effects on the amenity of local residents and communities. The site is more than 250m from an existing waste facility so there should not be a cumulative effect.	
SA Objective 4: Sustainable economic development		SA Judgement: 0
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	A greenfield site identified within the Cotswold Local Plan for B1 use, with good access to the trunk road network and major A roads and close to a centre of major centre of population. The site is not within an existing industrial estate and is more than 250m from an existing waste management facility and therefore unlikely to have an effect on this objective.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	All of the sites could have an indirect positive effect on increasing employment levels when developed during construction and operation, as they are likely to result in a small amount of job creation for local people.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for the MOD South Cerney zone aerodrome and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: +?
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0

Site name: Kingshill North, Cirencester

LUC ID: 29

Area (ha): 4.99

District: Cotswold

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The River Churn is a Key Wildlife Site within 950m that is important for mammals and some plant species, including some BAP species. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint greater than 250m and up to an including 1km distant. There may be potential for positive effects on this objective as there are no locally important site of nature conservation within 500m.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that the site is currently on undeveloped land (open field), less than 500m from the Cotswold AONB. It therefore has potential to have a negative effect on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that it is a flat open triangular site bordered by roads with some hedging/trees along the eastern border adjoining the A417 which may provide opportunity for some screening. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	More than 250m from a PROW	+
GCC PROW assessment:	having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site is close to existing residential areas, a school, and planned new housing so may have the potential for a minor negative effect on recreation in these areas. However, there may be the potential to enhance the local footpath network, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.	

Site name: Kingshill North, Cirencester

LUC ID: 29

Area (ha): 4.99

District: Cotswold

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	GCC site assessment and GIS review indicates that there are no recorded geological features on the site or within 250m of the boundary, so there should be no effects on this objective.		
SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment		-
Objective 13 justification:	This site is an open field and within 100m or 250m from cultural assets. In addition the GCC Archaeology assessment states that the site provides the setting to a designated Category I site. During the evaluation of this undeveloped site prehistoric Roman and medieval features were discovered. Therefore, this site could have a minor negative effect on townscapes and heritage.		
SA Objective 14: Flooding		SA Judgement:	++
Flood Zone 1:	Entirely within Flood Zone 1		++
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		++
Objective 14 justification:	The site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood Risk assessment. The assessment added the proviso that the FRA for this site should assess flood risk posed to the road to the south of the site, as flooding has been recorded in this location previously, and may have implications for access/egress.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	-
Previously developed land:	On greenfield land		-

Site name: Kingshill North, Cirencester

LUC ID: 29

Area (ha): 4.99

District: Cotswold

Agricultural land classification: Entirely within Grades 1, 2 or 3 BMV -

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small to medium greenfield site (5ha) which is entirely within grade 1, 2, or 3 agricultural land and could therefore have minor negative effects on protecting soil/land quality.

SA Objective 17: Air quality **SA Judgement:** ++

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as good or high by the GCC Highways assessment as it has good direct access on to the strategic highway network. This could help limit traffic movements on other minor roads and through the AONB. In addition it is not within 1km of an AQMA, therefore this site is expected to have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/++

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus could have a negative impact on lorry traffic to and from the site. However, the GCC assessment rated the site as good in terms of its proximity to the strategic highways network via the A417. The overall effect on this objective is therefore expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Kingshill North, Cirencester

LUC ID: 29

Area (ha): 4.99

District: Cotswold

Site name: Siddington Park Farm

LUC ID: 37

Area (ha): 5.95

District: Cotswold



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small mainly undeveloped site containing some existing buildings operating as small businesses, and including a residential dwelling. The GCC site assessment indicates that the site is surrounded by two small fields. It is also within 250m of sensitive receptors (tennis court, farm and residential property, and garden centre) therefore development of a waste facility on the site could have negative effects on health and well being. The site assessment indicates that Siddington is likely to have planned new residential development/school in future.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Siddington Park Farm

LUC ID: 37

Area (ha): 5.95

District: Cotswold

Objective 3 justification: This small site is located on partially developed land alongside the A419 and is within 250m of sensitive receptors, thus it could have a negative effect on local amenity. It is more than 250m from an existing waste facility so should not have a cumulative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site +?

Proximity to existing waste facilities: More than 250m from existing waste management facility +?

Objective 4 justification: This site has been identified in the Cotswold Local Plan and contains some existing business/office uses, but these are not related to waste management. The score is uncertain as it will depend on the type of facility proposed, but there may a minor positive impact on encouraging sustainable local economic activity, in view of proximity to an existing waste management facility.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment notes the site is within the consultation areas for the MOD South Cerney aerodrome, and therefore could have the potential for negative or uncertain effects on aircraft safety.

SA Objective 8: Biodiversity **SA Judgement:** **-?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Key Wildlife Sites: Within 500m of Key Wildlife Sites -

Site name: Siddington Park Farm

LUC ID: 37

Area (ha): 5.95

District: Cotswold

BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	There is a Key Wildlife Site (River Churn 70m) within 500m of the site boundary to the west, thus there is potential for minor negative effects on biodiversity (including Priority species e.g. Kingfisher). In addition the Siddington Canal and Copse (Ancient Woodland) both lie within 680m of the site. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint in relation to Wildmoorway Meadows SSSI which is a designated aquifer/surface/flood water dependent site over 1km distant. Overall there is some uncertainty due to the proximity to the Key Wildlife Site and the site is scored as having the potential for a minor negative or uncertain effect on biodiversity as it is within 500m. Scored as 0* by GCC Ecologists in relation to Wildmoorway Meadows SSSI which is a designated aquifer/surface/flood water dependent site. There is also a Key Wildlife Site (River Churn) within 70m of the site boundary to the west which contains BAP3 species (Kingfisher), and the Siddington Canal and Copse (Ancient Woodland) are both within 680m. There is potential for uncertain impacts in relation to the nearest Key Wildlife Site, but this would be addressed at a later stage in relation to precise site location for any facility.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site more than 1 km from an AONB, but is not within an existing industrial estate, so development here could have a negative impact on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The GCC site assessment indicates that the site lies alongside the A419 and the boundary of the site is heavily screened by woodland on the south west side. Since the site may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development there is potential for minor negative impact on locally important landscape character features.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +?
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+

Site name: Siddington Park Farm

LUC ID: 37

Area (ha): 5.95

District: Cotswold

GCC PROW assessment: having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: The GCC PROW Team assessment indicates that there are no footpaths within or crossing the site, and there is potential for existing routes to be enhanced. There are two footpaths just outside the 100m boundary of the site which could offer opportunities for enhancing the existing network, and therefore there could be potential positive effects on cultural and recreational assets.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: N/A 0

Objective 12 justification: GGT site assessment reports, and GIS survey confirms there are no recorded geological features on the site or within 250m of its boundary, therefore the score is neutral against this objective.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: N/A 0

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: This small site is located on partially developed land alongside the A419 and within 100m or 250m of cultural assets. In addition, the GCC Archaeology assessment states that there are known archaeological remains and features on this site including Middle Iron Age ditches and potential for Roman and Iron Age features in this locality. The setting of Siddington House and Preston Mill both Listed Buildings (Gd 11) within 100m of the site boundary could be affected by a waste management facility. Therefore, this could have a minor negative effect on heritage and archaeology.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment + +

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment. However, the assessment noted that there is a need for a FRA in relation to flood risk posed to the road to the west of the site, as flooding has been recorded in the past if the site is considered in view of transport access.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Siddington Park Farm

LUC ID: 37

Area (ha): 5.95

District: Cotswold

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +/-

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: partially within grade 1, 2 or within grade 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have mixed effects on protecting soil/land quality, since it is a large site that is partially within grade 1, 2, or grade 3 BMV land for which there would be potentially minor negative effects on loss of agricultural land for the development of a waste facility. The GCC site assessment indicates that part of the site lies on partially developed land for which there would be a minor positive effect on protection of soil land quality.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment indicating that there is reasonable access to the Strategic Highway Network via the A419. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having no potential for rail and/or water transport and as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Site name: Siddington Park Farm

LUC ID: 37

Area (ha): 5.95

District: Cotswold

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	More than 250m from a known/proposed CHP user	0

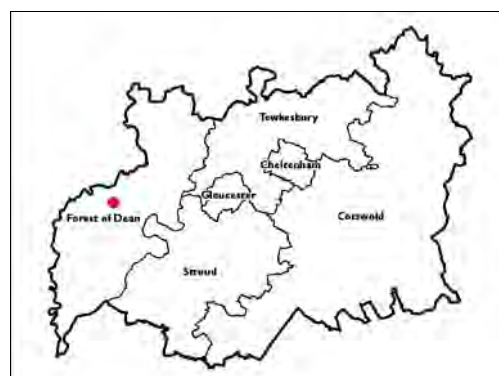
Objective 22 justification:	While there are other existing business uses on the existing site, the flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Cinderford 3, Northern United

LUC ID: 51

Area (ha): 9.69

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: GCC site assessment outlines that there are no sensitive receptors as it is a small site located in the middle of the Forest of Dean. Existing uses include Coleford Brick and Tile Co Ltd, an existing waste management facility (Bell Waste), Overbrook Garage and one dwelling. These neighbouring businesses and residential property, together with properties in Steam Mills and Nailbrook just outside the 250m boundary to the west could be potentially sensitive receptors to a waste management use and therefore score some potential negative/uncertain effects.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Cinderford 3, Northern United

LUC ID: 51

Area (ha): 9.69

District: Forest

Objective 3 justification: There are some residential areas within 250m, so a negative impact on local amenity is expected. There could also be some potential for cumulative impacts in association with the existing waste management facilities on site.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site

Proximity to existing waste facilities: Adjacent to existing waste management facilities +?

Objective 4 justification: GCC site assessment indicates this was originally a mine site and contains many dilapidated buildings. Existing uses include Coleford Brick and Tile Co Ltd, an existing waste management facility and Overbrook Garage. It has been identified in Forest of Dean Local Plan for B1, B2 and B8 uses and therefore could have some potential positive effects for sustaining local economic activity.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: Not within any aerodrome consultation zones, therefore scores neutral against this objective.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Key Wildlife Sites: Within the boundary of Key Wildlife Sites - -

Site name: Cinderford 3, Northern United

LUC ID: 51

Area (ha): 9.69

District: Forest

BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within the boundary of Ancient Woodland	--
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	
Objective 8 justification:	Site boundary lies adjacent to two Key Wildlife Sites - Hawkswell Inclosure borders the site (110m) to the north west and contains some BAP3 priority species. Cinderford Linear Park is within 245m to the east and south of the site (245m) and is identified in GCC Ecology survey as containing BAP1 and Local BAP species. The site also adjoins the Forest of Dean Ruarden Woods, and borders Crabtree Ption ancient woodland to the east. The SA scores some uncertain/negative effects on this objective.	

SA Objective 9: Landscape	SA Judgement:	-

Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	This site is more than 1km from the AONB. However, it is not within an existing industrial area and therefore could have a minor negative effect on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	There may be potential for screening through location of the site within the perimeter of the Forest.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	
Objective 11 justification:	Closure of the path or major route deviation may be required at this site which contains an important PROW through the Forest network linking to the Ruarden Walk and other local networks. This could have significant negative effects on recreational assets for visitors and the local community.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:		

Site name: Cinderford 3, Northern United

LUC ID: 51

Area (ha): 9.69

District: Forest

Objective 12 justification: GGT assessment confirms that there are no recorded geological features on this site, or within 250m of the site boundary.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment

Objective 13 justification: GCC Archaeology Team scored this site as having negative effects due to the numerous sites relating to the extractive industries. This includes areas of early coal mining, the old Forest of Dean railway, the former Hawkwell Colliery and Tin Plate works and various post medieval and linear earthworks. The SA also finds that there would be potential negative effects on this objective.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: GCC flood risk assessment states that there are no major watercourses or drains located within the site which could help prevent inappropriate development in floodplain areas. However, the impounded water body to the east of the site is seen to present some risk, and would require an FRA to investigate if it is at risk of breaching or overtopping. SA assessment supports positive assessment against this objective.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Site name: Cinderford 3, Northern United

LUC ID: 51

Area (ha): 9.69

District: Forest

Objective 16 justification: No information was made available in GCC site assessment in relation to potential contamination. In view of previous quarrying and extractive industries the potential site may require remediation. There may be opportunity to enhance land quality against this objective.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: Identified in GCC Highways assessment as having 'medium' or reasonable access via A and B roads to the strategic highway network. Access via the A4136 is seen as being narrow and would require significant mitigation. However, it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The site has been scored as having low potential for sustainable transport, but as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: Proximity to adjacent waste management facility and other industrial uses could have positive effects on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Cinderford 3, Northern United

LUC ID: 51

Area (ha): 9.69

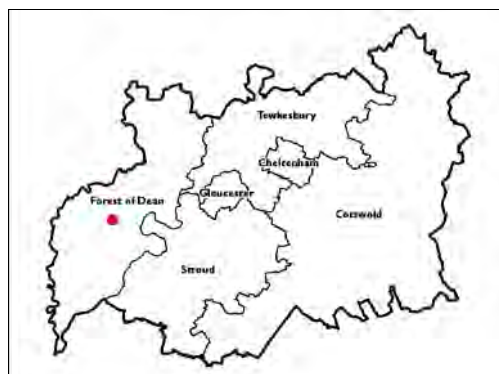
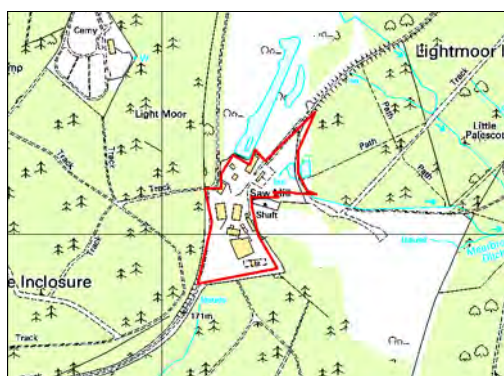
District: Forest

Site name: Cinderford 4, Lightmoor

LUC ID: 52

Area (ha): 3.18

District: Forest



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SA Objective 1: Health and well-being		SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site (3ha) surrounded by forest which is more than 250m from the nearest sensitive receptors. However, both the Dilke Memorial Hospital and a cemetery, along with one residential property lie just outside the 250m boundary to the north of the site, and are considered to be sensitive receptors within the GCC site assessment. In view of these receptors being beyond the 250m boundary of the site, the development of a waste facility should potentially have negligible effects on health and well-being.

SA Objective 2: Educate and maximise community participation		SA Judgement:	+?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	0
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Cinderford 4, Lightmoor

LUC ID: 52

Area (ha): 3.18

District: Forest

Objective 3 justification: This small site is currently used as a saw mill and has an isolated location within the forest, and is more than 250m from the nearest sensitive receptors. Therefore the site is expected to have a negligible effect on this objective. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site -?

Proximity to existing waste facilities: More than 250m from existing waste management facility -?

Objective 4 justification: The GCC site assessment notes that the site has been identified in the Forest of Dean Local Plan for B1, B2 and B8 uses, and there is currently a saw mill operating from the site. There may be potential for some positive effects on this objective for sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: The GCC site assessment indicates that the site lies outside all consultation and safeguarding areas, so scores neutral against this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Key Wildlife Sites: Within the boundary of Key Wildlife Sites - -

Site name: Cinderford 4, Lightmoor

LUC ID: 52

Area (ha): 3.18

District: Forest

BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within the boundary of BAP Habitat	--
Ancient woodland:	Within the boundary of Ancient Woodland	--
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	Two Key Wildlife Sites (Lightmoor Pond and Lightmoor Colliery 5m) are within 500m of the site (Priority species, e.g. Great Crested Newt, Viviparous Lizard). There is also an Ancient Woodland site (Crabtree Ption East) within 5m, and the site lies within SNA New Fancy View Woods, thus there is potential for a significant negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of an important ecological constraint up to and including 250m distant which includes two neighbouring SSSIs. The potential for some negative or uncertain effects on BAP Species and Ancient Woodland within the site boundary scores a significant negative against this objective (although this is unlikely, given the neutral score by GCC Ecologist).	

SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1km from an AONB, but not within an existing industrial estate, so development could have a minor negative impact on the landscape.	

SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	Although the site currently operates as a saw mill, a waste facility may be visible from a small number of sensitive receptors, or from transient views from roads, and surrounding woodland, so there may be potential minor negative effects against this objective.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-?
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	--
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as being a PRoW but not requiring diversion or enhancement.	0
Objective 11 justification:	Although the nearest Public Right of Way passes through the 250m and 100m site boundary to the west it does not cross the site and GIS confirms that the path continues to provide access to Lightmoor Pool. The GCC PROW Team assessment confirms that no diversion or enhancements are likely, given the proximity of other paths in the Forest, and therefore there should no potential impacts on PROW. However, Lightmoor Pool is within 100m of the site and there is the potential for significant negative effects on this recreational facility due to proximity to the proposed waste facility. The overall score is therefore potentially a minor positive/negative on cultural and recreational assets.	

Site name: Cinderford 4, Lightmoor

LUC ID: 52

Area (ha): 3.18

District: Forest

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	N/A		0
Objective 12 justification:	Information provided by GGT site assessment indicates that no recorded geological features have been found on the site or within 250m of its boundary, therefore the score is neutral against this objective. GIS confirms that there is an SSSI beyond the 500m boundary which is of importance for geodiversity.		
SA Objective 13: Heritage		SA Judgement:	- -
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Listed Building present on site		- -
Conservation Areas:	N/A		0
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		- -
Objective 13 justification:	This site is within a former colliery site and more than 100m or 250m from cultural assets. In addition, the GCC Archaeology Team assessment notes that the site contains Lightmoor Colliery beam pumping engine (listed building), and adjoins the former Lightmoor Collier tramroad and mineral railway, and the disused Severn and Wye Railway to the west of the site. It also contains the site of the post-medieval Woor Green Colliery. Therefore, this site has potential for significant negative effects on townscape and heritage.		
SA Objective 14: Flooding		SA Judgement:	+ +
Flood Zone 1:	Entirely within Flood Zone 1		+ +
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		+ +
Objective 14 justification:	GCC site assessment and GIS analysis confirms that the site lies fully in Flood Zone 1, although there are some unnamed drains for which no Flood Zones have been produced. The site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+

Site name: Cinderford 4, Lightmoor

LUC ID: 52

Area (ha): 3.18

District: Forest

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: The small site lies on previously developed land, and no information was made available in relation to potential contamination in GCC site assessment. In view of earlier uses on this site and proximity to former Lightmoor Colliery this may require investigation, but the site should have some minor positive effects on soil/land quality and potential for further remediation.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by GCC Highways assessment as it has reasonable access via minor roads and the B4226 to the Strategic Highway Network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having no potential for rail and/or water transport. However, it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: This is a very small site with an existing saw mill in operation, and there may be potential for a waste management facility that could benefit from co-location. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Cinderford 4, Lightmoor

LUC ID: 52

Area (ha): 3.18

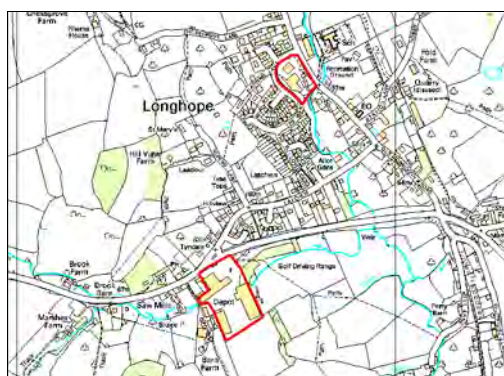
District: Forest

Site name: Longhope 2

LUC ID: 57

Area (ha): 2.92

District: Forest



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: GCC site assessment notes that this small site (3ha in total) is split into two separate areas. Area 1 - the larger site adjoins the A4136 and is currently in use for vehicle sales on the outskirts of Longhope. GIS analysis indicates that there is a golf driving range, farm and some residential properties within the 100m boundary. Area 2 - is situated within Longhope village and sensitive receptors within 100m - 250m include properties in Napping Lane and The Wen, a school, a recreation area including tennis courts, and allotment gardens. In addition, the existing units on Area 2 include a number of small businesses. Therefore the development of a waste facility on the site could have the potential for negative effects on health in relation to these sensitive receptors.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0

Site name: Longhope 2

LUC ID: 57

Area (ha): 2.92

District: Forest

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	Area 2 of the site is located in Longhope village and within 250m of sensitive receptors, whilst Area 1 on the outskirts of the village is also within 100m - 250m of a few sensitive receptors. As such, a negative effect on the amenity of local communities is expected. The site is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Not within an existing industrial estate	-
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	The two areas of this site are very small and are located on developed land within Longhope currently used for commercial and business use. The site has been identified in the Forest of Dean Local Plan thus it has potential for positive effects on sustainable local economic activity. The score is uncertain, however, as it will depend on the type of facility proposed on the site, and nature of neighbouring commercial businesses/industries.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	GCC site assessment confirms that the site lies outside the consultation and safeguarding area for aerodromes, so should be no effects against this objective.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0

Site name: Longhope 2

LUC ID: 57

Area (ha): 2.92

District: Forest

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	Area 1 of the site lies within 500m of a Key Wildlife Site, an Ancient Woodland Site, and the SNA Forest of Dean Newent Woods, thus there is potential for a minor negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact could be potentially positive or uncertain due to identified important ecological constraint (Priority Habitat of uplands mixed ashwoods - Flaxley Woods, and some Priority species e.g. Noble Chafer, and nationally rare Upright Spurge) being greater than 250m and up to and including 1km distant.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1km from an AONB, but not within an existing industrial estate, so development could have a minor negative impact on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The site contains existing commercial/businesses uses, and according to the GCC site assessment Area 1 of the site has some screening from trees and hedgerows to the east. Area 2 is surrounded by residential properties to the north, east and south west and within 250m, and therefore any waste facility could potentially have minor negative or uncertain effects on these sensitive receptors.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	- -
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	The site assessment by GCC PROW Team indicates that a slight diversion may be required to existing footpaths, but no enhancements are likely. This is likely to relate to Area 1 and the path running through the south of the site joining with another path beyond Barn Farm. The availability of other footpaths within the Longhope should have only minor negative effects on recreational users and access to existing facilities (e.g allotments, tennis courts, recreation area, golf driving range).	

Site name: Longhope 2

LUC ID: 57

Area (ha): 2.92

District: Forest

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:			
Objective 12 justification:	The site lies outside the 500m boundary of two nearby SSSIs with geological features. The GGT assessment indicates that these are Longhope Hill (645m) and Hobb's Quarry (720m) beyond the 500m site boundary, therefore there should be no potential effects against this objective due to the distance from the site.		
SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Located within a Conservation Area		-
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment		0
Objective 13 justification:	This site is in use for existing commercial/business uses, and more than 100m from cultural assets. In addition, the GCC Archaeology assessment notes that Longhope Village is within a Conservation Area containing numerous listed buildings (Gd II) and there could be potential for significant negative effects on the setting of these assets. The site was scored as having no effects in the Archaeological assessment although Area 2 is reported to contain the surviving structure of a 19th century saw mill, and this would require more detailed assessment. In view of Conservation Area status there could be potential for minor negative effects on townscapes and heritage.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1 (not in FZ 2 or 3)		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	Both parts of the site are mainly in Flood Zone 1, but are affected by Flood Zones 2, 3a and 3b and have been considered together for suitability. The site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is mainly within Flood Zone 1, and scored positively in the GCC Flood assessment. The overall score is a minor positive, with the comment that the Longhope Brook is culverted through the site and should be considered as part of an FRA.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		

Site name: Longhope 2

LUC ID: 57

Area (ha): 2.92

District: Forest

SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land		+
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	This site could have a minor positive effect on protecting soil/land quality as it consists of two small sites both located on previously developed land and not within grade 1, 2 or 3 agricultural land. It has also been identified in the Forest of Dean Local Plan. GCC site assessment reveals that there is no known information on potential contamination, but there may be potential for positive effects on this objective through use of previously developed land.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as medium by the GCC Highways assessment indicating that both areas of the site have reasonable access to the Strategic Highway Network via the A4136. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	-/+
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	This site has been assessed by GCC Highways as having no potential for rail and/or water transport so development would have a negative effect in terms of the impacts of lorry traffic. However, it has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	+
Industrial estates:	Not within an existing industrial estate		0
Known/proposed CHP user:	Uncertain due to lack of spatial information		?

Site name: Longhope 2

LUC ID: 57

Area (ha): 2.92

District: Forest

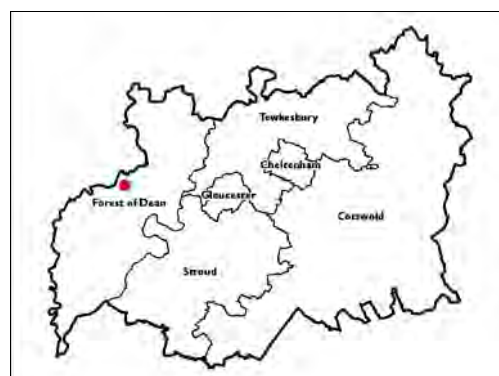
Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Mitcheldean 4

LUC ID: 58

Area (ha): 2.22

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site surrounded mainly by woodland and farmland but within 250m of some residential properties in Mitcheldean to the east of the site, therefore the development of a waste facility could have negative effects on health and well-being for the few properties within 100m-250m of the site. However, this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Mitcheldean 4

LUC ID: 58

Area (ha): 2.22

District: Forest

Objective 3 justification: This former quarry site is located in countryside on the edge of Mitcheldean within a small Business Park, but is within 100m-250m of the nearest sensitive receptors (properties in Stenders Road and New Street, adjacent Almshouses) which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic deveopment **SA Judgement:** **0**

Industrial estates: Within or adjacent to existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: A very small site (2ha) identified in the Forest of Dean Local Plan for waste management facilities and located on partially developed land, within an existing small Business Park. However, since the site is greater than 250m from an industrial estate or existing waste facility, or site allocated in the current Waste Local Plan, it would have no effect on this objective

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

LNR: More than 500m from LNR 0

Site name: Mitcheldean 4

LUC ID: 58

Area (ha): 2.22

District: Forest

Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within the boundary of BAP Habitat	--
Ancient woodland:	Within the boundary of Ancient Woodland	-
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	The Wye Valley and Forest of Dean Bat Sites SAC/Wigpool Ironstone Mine SSSI is located within 720m of the site, thus there is likely to be a significant negative effect on local biodiversity. In addition, Stenders Quarry SSSI and GWT Nature Reserve border the site (within 80m), as does Scully Grove Quarry/Scully Grove Ancient and Semi-Natural Woodland (Priority Habitat of low calcaerous grassland and some Priority species, e.g. Common Dormouse, Viviparous Lizard, Slow-Worm). The more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative or uncertain including potential impact on the internationally designated site greater than 250m and up to and including 1km distant.	

SA Objective 9: Landscape		SA Judgement:	0
Industrial Estates:	Within or adjacent to existing industrial estate		0
AONB:	More than 1km from an AONB		0
Locally designated for landscape quality:	Uncertain due to lack of spatial information		?
Landscape Sensitivity:	Uncertain due to lack of spatial information		?
Objective 9 justification:	This site is on partially developed land on a small Business Park. It is more than 1km from the AONB so is expected to have negligible effects on the landscape.		

SA Objective 10: Screening and/or innovative design		SA Judgement:	?
Prominence:	Uncertain due to lack of spatial information		?
Objective 10 justification:	The GIS site assessment aerial photo and GIS analysis indicate that the site is almost entirely screened by woodland on three sides, and borders open fields to the north, but the effects remain uncertain. However, positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.		

SA Objective 11: Material, cultural and recreational assets		SA Judgement:	0
Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space		0
PROW:	Within 250m of PROW		-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced		+
Objective 11 justification:	GCC site assessment and GIS analysis indicates that there are no PROW present on site, and therefore there should be no potential effects on cultural and recreational assets.		

SA Objective 12: Geodiversity		SA Judgement:	--

Site name: Mitcheldean 4

LUC ID: 58

Area (ha): 2.22

District: Forest

SSSI:	Within 500m of SSSI	-
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there are recorded geological features on the site, or within 250m of the boundary, including a neighbouring SSSI with recorded geological features (Stenders Quarry 0m) and Scully Grove Quarry (80m) therefore there could be potential for significant negative effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	-

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Within 100m of a Conservation Area	-
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment	-

Objective 13 justification: This site is within an existing Business Park and is located within 100m of the Mitcheldean Conservation Area and could therefore have a minor negative impact on the setting of the area. The GCC Archaeology assessment states there is no significant archaeology known on the site, but there may be potential for buried archaeology since there is a possible medieval road on the site underlying the modern road forming the southern boundary of the site. Therefore, this site could have a minor negative effect on townscape and heritage.

SA Objective 14: Flooding	SA Judgement:	+

Flood Zone 1:	Entirely within Flood Zone 1 (not in FZ 2 or 3)	+
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	+

Objective 14 justification: This site has the potential for a positive effect on prevention of flooding and reduction of risk to public water supply as it is mainly within Flood Zone 1, but affected by Flood Zones 2, 3a and 3b in relation to Dishes Brook. It scored positively in the GCC Flood assessment, and therefore could have a minor positive effect on this objective.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	0

Previously developed land:	Partially on Previously Developed Land	+?

Site name: Mitcheldean 4

LUC ID: 58

Area (ha): 2.22

District: Forest

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Small to medium (less than 5ha)

Objective 16 justification: A very small site (2ha) located on land that has partially been developed (a disused quarry site) for a Business Park, and not containing any agricultural land. No information was made available in relation to potential contamination on this site. There are unlikely to be any effects in relation to protecting soil/land quality.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor or low by the GCC Highways assessment as it has inadequate steep access from Stenders Business Centre via local A and B roads through villages which include some weight restrictions to reach the strategic highway network. Therefore this site could have a negative impact on protecting air quality, although it is not within 1 km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus would have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects depend on the type of facility proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: Mitcheldean 4

LUC ID: 58

Area (ha): 2.22

District: Forest

**Objective 22
justification:**

The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small Business Park may offer some positive benefits in relation to this objective.

Site name: Lydney 7, Hurst Farm

LUC ID: 78

Area (ha): 26.47

District: Forest



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A large site mostly consisting of open fields, however a few residential properties on the outskirts of Lydney to the west, and a day centre would be the nearest sensitive receptors within 250m of the site. GCC site assessment notes that there is a small industrial estate at Hurst Farm, this lies outside the 500m boundary to the north and contains five small businesses. There is also one other farm lying within the 100m boundary (Crump Farm) and another just outside the 250m boundary (Plummers Farm). Development on this site could therefore have negative effects on health and amenity. However, this is dependent on the type of facility that would be developed on the site.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Lydney 7, Hurst Farm

LUC ID: 78

Area (ha): 26.47

District: Forest

Objective 3 justification: There are a few residential properties and farms within the 100m-250m boundary surrounding the site and to the west at Lydney, as well as a day centre. As such, there is potential for negative effects on the amenity of local residents and communities situated within 250m of the site. There is an existing waste facility nearby but it is greater than 250m from the site to the south west of Lydney so there should be no potential cumulative impacts on these receptors.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site consists of open fields but has been identified in the Forest of Dean Local Plan for B1, B2 and B8 uses. It is situated within 500m of an existing small industrial estate at Hurst Farm across fields. There are two existing waste management facilities both greater than 500m from the site at Lydney Industrial Estate, and one immediately to the south west of Lydney. There could be neutral effects on sustainable local economic activity in view of the distance from existing waste management facilities, although since the site is allocated in the Forest of Dean Local Plan for B8 uses this effect is uncertain.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Within aerodrome safeguarding area 0

Objective 7 justification: The site lies outside all safeguarding/consultation areas for aerodromes and therefore scores neutral against this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: Within 500m of SAC -

SPA: Within 500m of SPA -

Ramsar: Within 500m of Ramsar site -

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

Site name: Lydney 7, Hurst Farm

LUC ID: 78

Area (ha): 26.47

District: Forest

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within the boundary of BAP Habitat	--
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	There are three Key Wildlife Sites in the locality within 500m of the site, the nearest (Warren Grove) being within 75m and containing Ancient and Semi-natural woodland. In addition, the adjacent Lydney Golf Course is a Priority habitat for three bat species (e.g. Leisler's Bat, Noctule, Pipistrelle), thus there is potential for a major negative effect on biodiversity. The more detailed GCC Ecology assessment notes that there is potential for significant negative or uncertain effects on biodiversity in relation to an internationally designated site, the Severn Estuary (SAC, SPA, Ramsar designations) and the Severn Estuary SSSI which are all within 310m. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	?
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site consists mainly of undeveloped land (open fields) according to GCC site assessment, and is not within or adjacent to an AONB. LUC GIS analysis indicates that the site lies with the 1km buffer for Wye Valley AONB. Therefore there could be some minor negative effects on this AONB.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The site is greater than 500m from an existing small industrial estate at Hurst Farm. However the proposed site currently consists of open farmland and could be partially prominent in the landscape due to its proximity to the River Severn. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, and therefore it scores a minor negative effect. There is potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: --
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--

Site name: Lydney 7, Hurst Farm

LUC ID: 78

Area (ha): 26.47

District: Forest

Objective 11 justification: The assessment by GCC PROW Team indicates that the path may need diversion and this would require a major deviation or re-routing. The existing footpath crosses the site diagonally from west to east leading to Lydney Golf Course. There is also a leisure facility within 250m of the site which could be negatively affected by lorry traffic. There could be potential for significant negative effects as development of the site would either mean removing part of a facility/open space, or removing land which has potential for recreation/access to the countryside.

SA Objective 12: Geodiversity **SA Judgement:** -

SSSI: Within 500m of SSSI -

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that Lydney Cliff SSSI has been recorded as containing geological features and lies within the 500m buffer of the site. In view of the proximity of the site to a national site of geological interest there could be potentially minor negative effect against this objective.

SA Objective 13: Heritage **SA Judgement:** 0

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The GCC Archaeology report states that the site contains no known historical or archaeologically significant remains, but may contain buried evidence of Roman iron working. It may provide a setting for two listed buildings (Gd II), Hurst Farmhouse and a Dovecote at Pauntley Court which are located just outside the 100m site boundary, but has scored neutral in the GCC site assessment. The site also lies on the route of the old Severnbridge Railway. There should be no potential for any effects on these historic assets due to the size of the site.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment + +

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Lydney 7, Hurst Farm

LUC ID: 78

Area (ha): 26.47

District: Forest

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** - -

Previously developed land: On greenfield land - -

Agricultural land classification: Entirely within Grades 1, 2 or 3 BMV - -

Site size: Large (i.e. over 5ha)

Objective 16 justification: The GCC site assessment indicates that the majority of the site is undeveloped land (open fields), but no information is available on potential contamination. GIS analysis indicates that the soil is Grade 3 agricultural land quality and therefore there could be a major negative effects on the protection of soil quality due to the size of the site (26ha).

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: The site has scored as having medium access via the A48 in relation to its proximity to the strategic highway network within the GCC Highways assessment. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** ++

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access ++

Objective 19 justification: GCC Highways assessment indicates that the site is considered to have potential for rail/and or water based transport to play a significant role. This is presumed to relate either to its proximity to the River Severn, or the redundant railway line adjacent to the site. The GCC assessment also rated the site as medium in terms of its proximity to the strategic highways network, so the overall effect on this objective is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Site name: Lydney 7, Hurst Farm

LUC ID: 78

Area (ha): 26.47

District: Forest

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

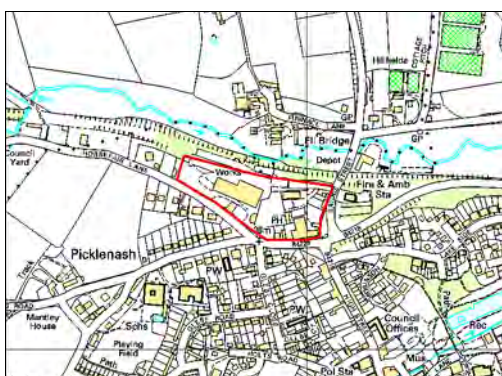
Objective 22 justification:	Since the proximity to other nearby waste management facilities is greater than 500m from the site may there may be no potential or significant effects to enable changes to new technologies. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Old Station Yard, Newent/Newent 6

LUC ID: 88

Area (ha): 2.8

District: Forest



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site on the outskirts of Newent which has sensitive receptors within close proximity. Residential development lies across the road from the site to the south. The development of a waste facility could have negative effects on health and well-being. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Old Station Yard, Newent/Newent 6

LUC ID: 88

Area (ha): 2.8

District: Forest

Objective 3 justification: This site is located within 250m of existing residential properties to the south and east, two schools, the fire and ambulance stations, a church, youth centre and club. As such, there is potential for negative effects on the amenity of local residents and communities situated within 250m of the site. There may also be potential cumulative effects on the local community as there is an existing waste facility adjacent to the site.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**

Waste Local plan: More than 250m from Waste Local Plan site

Proximity to existing waste facilities: Adjacent to existing waste management facilities **- -?**

Objective 4 justification: This site is within an existing Industrial Estate already containing a waste management facility. It is adjacent to a site allocated in the current Forest of Dean Waste Local Plan and therefore has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+**

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area **0**

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: More than 500m from SSSI **0**

LNR: More than 500m from LNR **0**

Site name: Old Station Yard, Newent/Newent 6

LUC ID: 88

Area (ha): 2.8

District: Forest

Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	There are three Key Wildlife Sites within 500m of the site, Ell Brook Meadows, Hereford and Gloucester Canal and Newent Lake, as well as the SNA Forest of Dean. The Ell Brook Meadows are important for some mammal, bird and insect species, including some BAP species. The more detailed Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint greater than 250m and up to and including 1km distant. However, due to proximity to the Key Wildlife Sites within 500m there is the potential for a minor negative effect on this objective in relation to some BAP Priority species.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1km from the AONB and within an existing industrial estate thus it should have negligible effects on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that it is on a small industrial estate with two means of access and adjoins a disused railway line to the north and a disused canal to the west. The site already contains a waste management facility, and therefore positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	GCC site assessment and GIS analysis indicates that are no PROW present on site, although an existing footpath adjoins the site across the B4221, and there is a footpath along a disused canal (Hereford and Gloucester) close to the western boundary of the site, and open fields to the west and north west. The youth and community centre within 250m of the site is the closest leisure/recreational facility which could be exposed to some minor negative effects due to close proximity to the site.	

Site name: Old Station Yard, Newent/Newent 6

LUC ID: 88

Area (ha): 2.8

District: Forest

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.		
SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	Within 100m of a Conservation Area		-
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment		-
Objective 13 justification:	This site is within an existing industrial estate, but the GCC Archaeology assessment points out that it is within 100m of the Newent Conservation Area which contains numerous listed buildings, and setting issues may be a concern, although the report notes the presence of existing industrial units. However, neither the disused railway or canal forming the northern boundary of the site are considered to present setting issues. Therefore, this site could have a minor negative effect on the setting of townscape and heritage due to proximity to Newent Conservation Area.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Entirely within Flood Zone 1 (not in FZ 2 or 3)		++
Flood Zone 2:	Partially or entirely within Flood Zone 2		0
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	This site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is predominantly within Flood Zone 1, with Flood Zone 2 affecting only the north eastern corner. It also scored positively in the GCC Flood risk assessment.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+

Site name: Old Station Yard, Newent/Newent 6

LUC ID: 88

Area (ha): 2.8

District: Forest

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (3ha) located on land that has been previously developed and within an existing small industrial estate, but adjoining farmland to the north and west, some of which is Grade 1 agricultural land quality according to GIS analysis. According to GCC site assessment no information was made available in relation to potential contamination on this site. This site should have a minor positive effect on protecting soil/land quality as it is on previously developed land.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable access on to the strategic highway network. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. Although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport -

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However, it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: Old Station Yard, Newent/Newent 6

LUC ID: 88

Area (ha): 2.8

District: Forest

**Objective 22
justification:**

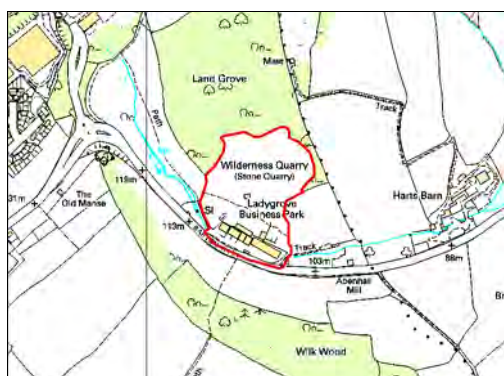
The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small industrial estate containing an existing waste management facility may offer some positive benefits in relation to this objective.

Site name: Wilderness Quarry, Mitcheldean

LUC ID: 93

Area (ha): 4.24

District: Forest



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SA Objective 1: Health and well-being		SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is located in open countryside with potentially very few sensitive receptors within 250m of the site boundary, so there should be negligible effects on health and well-being. One property within the 250m boundary is Abenall Mill which is discussed in more detail under Objective 13.

SA Objective 2: Educate and maximise community participation		SA Judgement:	+?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	0

Objective 3 justification: The site is located in open countryside and is greater than 250m from all sensitive receptors, therefore should have a negligible effect on this objective. Despite being adjacent to an existing waste management facility, due to its distance from sensitive receptors it is unlikely to have a cumulative effect on the local community.

Site name: Wilderness Quarry, Mitcheldean

LUC ID: 93

Area (ha): 4.24

District: Forest

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	Adjacent to site from Waste Local Plan		- -
Proximity to existing waste facilities:	Adjacent to existing waste management facilities		+?
Objective 4 justification:	This site is split into two areas, consisting of a small Business Park to the front , and Wilderness Quarry and remnants of Wilderness Recycling to the rear. It is allocated in the Gloucestershire Waste Local Plan, and thus has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste or quarry management.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	0
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	Within the boundary of SSSI		- -
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites		- -
BAP species:	Within the boundary of BAP Species		- -
BAP habitat:	Within the boundary of BAP Habitat		- -

Site name: Wilderness Quarry, Mitcheldean

LUC ID: 93

Area (ha): 4.24

District: Forest

Ancient woodland:	Within the boundary of Ancient Woodland	- -
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site lies partially within SSSI (Land Grove Quarry) and a Key Wildlife Site (Land Grove) and Ancient Woodland Site (Land Grove) as well as SNA (Forest of Dean Mitcheldean Woods) . These ecological sites are within 500m of the site thus there is potential for a minor negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint (Priority Habitat of lowland meadows and some at least one Priority species e.g. Dunnock) greater than 250m and up to and including 1 km distant.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	This site is more than 1 km from the AONB, and is also within an existing Business Park and Quarry site containing an existing waste facility, thus it is not expected to have an effect on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The site is an existing Business/Park and working quarry containing waste management facilities, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: 0
Open space/ recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Includes a PROW	0
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0
Objective 11 justification:	GCC site assessment and GIS analysis indicates that there are no PROW present on site, and therefore no diversions will be necessary, but no enhancements are likely, so there should be no effects against this objective.	
SA Objective 12: Geodiversity		SA Judgement: - -
SSSI:	Within the boundary of SSSI	- -
RIGGS:	More than 500m from a RIGGS	0

Site name: Wilderness Quarry, Mitcheldean

LUC ID: 93

Area (ha): 4.24

District: Forest

Objective 12 justification: The GCC site assessment indicates that the site contains Land Grove Quarry SSSI with features of known geodiversity importance to the site. GGT reports confirms that Wilderness Quarry, in addition to SSSI notification, is an important site for both small and large scale structures (sedimentary and tectonic) and restoration plans are advising that some sections should be left exposed. There is therefore potential for significant negative effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** 0

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment + +

Objective 13 justification: This site is within an existing Business Park and quarry, however the GCC Archaeology assessment indicates that although the site lies within 100m or 250m of cultural assets, it has not been assessed as being significant for archaeology and heritage. The whole of the site has been identified as being within a post-medieval quarry, but previous development is known to have removed archaeological deposits from all or part of the site, so there should be no significant effects on this objective. The post medieval mill, known as Abenhall (or Abinghall) Mill, dating to 1280, with associated mill pond, settlement and well lies within the 250m boundary, but it is considered in view of the GCC assessment that there should be no significant effects on this property and its setting.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 0

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: This site has the potential for a positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored positively in the GCC Flood risk assessment. However, the assessment notes there is an unnamed minor watercourse for which no Flood Zones have been produced, and this appears to have been culverted beneath the southern boundary of the site and would require investigation as part of a FRA.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +?

Previously developed land: On Previously Developed Land +?

Site name: Wilderness Quarry, Mitcheldean

LUC ID: 93

Area (ha): 4.24

District: Forest

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (4ha) located on land that has been quarried and/or developed. No information was made available in relation to potential contamination on this site. The site should have a potential positive effect on promoting soil/land quality since it is on previously developed/quarried land.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: The GCC Highways assessment indicates that this site has been assessed as having medium proximity to the strategic highway network via the A4136. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus could have a minor negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However, it is assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small business park/working quarry containing a waste management facility may offer some positive benefits in relation to this objective.

Site name: Wilderness Quarry, Mitcheldean

LUC ID: 93

Area (ha): 4.24

District: Forest

Site name: Sudmeadow Hempsted

LUC ID: 129

Area (ha): 124.94

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A very large site on the edge of Gloucester urban area bounded by the River Sever and pastureland to the north/north west, with very few sensitive receptors within 250m of the site boundary. These receptors include a college, and a small number of residential properties to the south east and south west (including Bank Cottage, Newark House, properties in Honeythorn Close), and offices at the Trading Estate in Sudmeadow Road. A further consideration is that an area near to the site has been earmarked for housing development (c.180 houses) according to GCC site assessment.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Within 250m of an existing waste management facility	-

Site name: Sudmeadow Hempsted

LUC ID: 129

Area (ha): 124.94

District: Gloucester

Objective 3 justification: This is a very large site of active and completed landfill on the edge of Gloucester urban area bounded by the River Severn and partially restored to grassland and pasture, but within 250m of a few potential sensitive receptors, thus it could have a negative effect on local amenity. The site is also adjacent to two existing waste management facilities (a partially restored landfill site and a Household Recycling Centre) and other heavy industrial activities, so there may be a cumulative negative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+?**

Waste Local plan: Adjacent to site from Waste Local Plan **+?**

Proximity to existing waste facilities: Within 250m of an existing waste management facility **+?**

Objective 4 justification: This large site is within an existing Industrial Estate, and contains existing waste management facilities and is adjacent to a site allocated in the current Gloucestershire Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **-**

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area **-?**

Objective 7 justification: This site is within the Gloucestershire Airport safeguarding/consultation zone for all buildings, structures, erections and works exceeding 90 metres in height. The GCC site assessment states that this would also apply to all applications involving major tree planting schemes, mineral extraction or quarrying, a refuse tip, a reservoir, a sewage disposal works, a nature reserve or a bird sanctuary, and all applications connected with an aviation use. There is therefore potential for a minor negative effect on the safety of commercial or military aircraft, but this would be dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

Site name: Sudmeadow Hempsted

LUC ID: 129

Area (ha): 124.94

District: Gloucester

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	Within 500m of LNR	-
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	Within the boundary of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The Sud Meadow Key Wildlife Site and Alney Island Local Nature Reserve are both within 500m of the site thus there is potential for a minor negative effect on biodiversity (Priority Habitat of semi-natural grassland, coastal saltmarsh and lowland meadows, and some Priority species e.g. Skylark, Green Sandpiper, Brown Hare). However, the more detailed GCC Ecology assessment has scored the site as positive or uncertain in relation to the Valmore Common SPA/Ramsar/SSSI which is located within 6,029m, and the Severn Estuary SAC/SPA/Ramsar/SSSI within 11,050m of the site since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is situated on land that has been landfilled and is not within or adjacent to an AONB. The site is also within an existing Industrial Estate containing a Household Recycling Centre, a leachate treatment facility and a landfill gas engine, thus it is unlikely to have an effect on the landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	0

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site is divided into two, with the landfill site containing large areas of restored grassland and pasture being used for grazing by sheep. The Household Recycling Centre is located near to the entrance road and is due to be relocated and this part of the site eventually restored in future (2012/13). However, the site is close to an existing Industrial Estate containing waste management facilities and other industrial processes, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-

Site name: Sudmeadow Hempsted

LUC ID: 129

Area (ha): 124.94

District: Gloucester

PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0
Objective 11 justification:	GCC site assessment notes there is a network of footpaths surrounding the site and GIS analysis confirms the existence of PROW along both sides of the River Severn and through residential areas to the east, therefore, no diversions will be required. However, there are leisure/recreational facilities within 250m of the site including a sports ground and football ground and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users. Overall there is a mixed effect on material, cultural and recreational assets.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	-

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Within 100m of a Conservation Area	-
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	++
Objective 13 justification:	This large site is within 100m or 250m from cultural assets. According to the GCC Archaeology assessment this includes listed buildings with the Hempstead Conservation Area of Gloucester (Newark House, St Swithun's Church, The Docks, Llanthony Priory, Lady's Well). However, the assessment notes that parts of the site comprise landfill of no archaeological importance, but there may be remains in undeveloped areas, although there is no indication of this. Therefore, this site could have a minor negative effect on townscape and heritage in view of its proximity to Hempstead Conservation Area.	

SA Objective 14: Flooding	SA Judgement:	--

Flood Zone 1:	Not within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources	--

Site name: Sudmeadow Hempsted

LUC ID: 129

Area (ha): 124.94

District: Gloucester

Objective 14 justification: The site has been assessed as being mainly within Flood Zone 3b in the GCC site assessment due to historical flood risk and flood risk from other sources, and therefore has potential for a significant negative effect on prevention of flooding and reduction of risk to public water supply. The site itself is located within a natural flood storage area along the left bank of the River Severn at Hempstead, and the assessment concludes that development of this site should be strongly discouraged due to its presence in a flood storage cell.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+?**

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (125ha) located partially on previously developed land and adjacent to existing waste management facilities, but also containing the Hempstead landfill site which has partially been restored to grassland and pasture. The GCC site assessment indicates that the site is not classified as contaminated land, however there are some issues relating to landfill gas associated with the landfill site. There could therefore be some minor positive effects on protection of soil/land quality through the development of an additional waste facility offering opportunities for further environmental improvement on this site, but some uncertainty in relation to landfill gas.

SA Objective 17: Air quality **SA Judgement:** **+**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium in the GCC Highways indicating that it has reasonable access via local and A roads on to the strategic highway network. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **++**

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport ++

Objective 19 justification: This site has been assessed as having high potential for rail and/or water transport and thus could have a major positive impact on reducing impacts of road traffic to and from the site if developed for waste use. The assessment also rated the site as medium in terms of its proximity to the strategic highways network, so the overall effect on this objective is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Site name: Sudmeadow Hempsted

LUC ID: 129

Area (ha): 124.94

District: Gloucester

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate +?

Known/proposed CHP user: Within or adjacent to known/proposed CHP user + +?

Objective 22 justification: Since the site is within an existing Industrial Estate and known user of CHP (a landfill gas engine) it has the potential for significant positive effects if energy were to be generated from the waste management process and used within nearby development. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Industrial Estate, Former Moreton Valence Airfield

LUC ID: 145

Area (ha): 11.22

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: An 11ha site with open countryside to the south and east and bordering the M5 motorway to the west. There are a few sensitive receptors within 250m including a garden centre and some small businesses to the north, as well as one residential property (The Lodge) within 100m of the site boundary to the east. The village of Haresfield lies to the east beyond 500m of the site. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-?

Site name: Industrial Estate, Former Moreton Valence Airfield

LUC ID: 145

Area (ha): 11.22

District: Stroud

Objective 3 justification:	This site has open countryside to the south and east but there are a few sensitive receptors within 250m of the boundary which could be negatively affected by noise and vibration from waste traffic movements. As there is an existing waste facility within 250m of the site, there could be a cumulative effect caused by development of this site.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	Was allocated in the Waste Local Plan	+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	An 11ha site identified in the Gloucestershire Waste Local Plan for waste management facilities and located on previously developed land (the former Moreton Valence Airfield). There is also an existing waste facility within 250m, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	GCC site assessment indicates that the site lies outside all safeguarding/consultation zones for aerodromes, and therefore there should be no effects on this objective.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0

Site name: Industrial Estate, Former Moreton Valence Airfield

LUC ID: 145

Area (ha): 11.22

District: Stroud

BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 11,900m, and the SNA Severn Vale Hardwicke within 525m of the site, thus there is likely to be negligible effects on biodiversity. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation to the Severn Estuary designation, since it is an aquifer/surface/flood water dependent site over 1 km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	-

Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is on developed land on the former Morton Valence Airfield and over 1 km from the Cotswold AONB, However, it is not within an existing industrial estate and could have a minor negative effect on the landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	As the site is already allocated in the WLP for waste use there could be positive effects through innovative design in this location, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application. In addition, the GCC site assessment describes the site as containing very little vegetation, with some mature trees along the boundary with the M5 to the west. However, the GCC assessment considers that screening a large facility would be challenging. The prominence of this site in the landscape is uncertain and combined with the potential difficulty of screening the site, the potential effect of developing a waste facility is uncertain.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, and there is potential for enhancement to the existing local network according to the GCC assessment. The adjacent garden centre is the nearest leisure/recreational/retail facility and a public right of way to the east could both be exposed to some minor negative effects due to close proximity to the site.	

SA Objective 12: Geodiversity	SA Judgement:	0

Site name: Industrial Estate, Former Moreton Valence Airfield

LUC ID: 145

Area (ha): 11.22

District: Stroud

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	GGT assessment indicates there are no recorded geological features on the site or within 250m of its boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement: +?

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	+

Objective 13 justification: Although the site lies within Moreton Valence World War II airfield, the GCC Archaeology Team have assessed the site as not containing any significant remains. There is one listed building (Hiltmead, Gd II) just beyond the 250m boundary to the west across the M5 motorway. In view of the positive score by GCC Archaeology Team due to the known history of the site, it should have a minor positive effect on townscape and heritage.

SA Objective 14: Flooding	SA Judgement: ++

Flood Zone 1:	Entirely within Flood Zone 1	++
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	++

Objective 14 justification: The site has been assessed as being fully within Flood Zone 1 in the GCC site assessment, although there is one unnamed drain for which no Flood Zones have been produced. There are no historical records of flooding within the site, but some evidence of surface water flooding to the north. The site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement: ++

Previously developed land:	On Previously Developed Land	++

Site name: Industrial Estate, Former Moreton Valence Airfield

LUC ID: 145

Area (ha): 11.22

District: Stroud

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (11ha) located on land that has been previously developed, but surrounded by farmland. Stroud District Council have confirmed in GCC site assessment that neither the site or adjoining land is classified as contaminated land. This site could have a significant positive effect on protecting soil/land quality in view of its size, and since it is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land.

SA Objective 17: Air quality **SA Judgement:** ++

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as good or high by the GCC Highways assessment as it benefits from direct access on to the trunk road network via B4008 and M5. In addition it is not within 1km of an AQMA, therefore this site is expected to have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: The GCC Highways assessment scored this site as having medium potential for sustainable transport and good proximity to the strategic highways network.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate -

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: There may be potential for minor positive effects if energy were to be generated from the waste management process and used within nearby development. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Industrial Estate, Former Moreton Valence Airfield

LUC ID: 145

Area (ha): 11.22

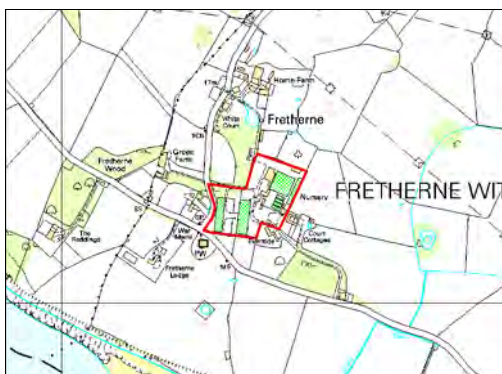
District: Stroud

Site name: Saul (Fretherne Nurseries)

LUC ID: 163

Area (ha): 3.42

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small enclosed site within a country house/farm estate within the hamlet of Fretherne functioning as a garden nursery. The nearest sensitive receptors identified in the GCC site assessment are the local church and tennis courts. There are also numerous residential properties within the surrounding 250m boundary (Green Farm, Fretherne Lodge, Court Cottage, White Court, Home Farm, Eventide). The development of a waste facility on the site could therefore have negative effects on health and well being.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Saul (Fretherne Nurseries)

LUC ID: 163

Area (ha): 3.42

District: Stroud

Objective 3 justification: The site is within 250m of several residential properties, a church and tennis courts, and already contains existing waste management facilities. In view of the proximity to these sensitive receptors and the potential for significant negative effects on the local amenity the site has been scored as having potential for negative impacts. There is also potential for cumulative effects on the local community in relation to proximity to an existing waste facility.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site

Proximity to existing waste facilities: Adjacent to existing waste management facilities +?

Objective 4 justification: A 3ha site located within a farm estate containing a garden nursery with an existing waste management facility. There could be potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets. The site scores low on the GCC Highways assessment for employee accessibility, since it is located some distance from non-residential areas.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: GCC site assessment indicates that the site lies outside all safeguarding/consultation zones for aerodromes and therefore there should be no effects on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: Within 500m of SAC -

SPA: Within 500m of SPA -

Ramsar: Within 500m of Ramsar site -

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

Site name: Saul (Fretherne Nurseries)

LUC ID: 163

Area (ha): 3.42

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within the boundary of BAP Habitat	--
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 375m of the site boundary to the south west. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative or uncertain due to the identification of important ecological constraints (eg. Priority Habitat of coastal saltmarsh and some Priority species (e.g. including Smooth Newt) within 180m of the site at Saul. The Long Wood/Hock Cliff Ancient Woodlands are also a Key Wildlife Site within 400m. Due to the proximity of the site to international, national and local biodiversity designations and key habitats and species there is potential for significant negative effects on this objective.	

SA Objective 9: Landscape	SA Judgement:	-

Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is on developed land and is not within, or adjacent to a national landscape designation. It is more than 1km from the AONB, however it is not within an existing industrial estate and therefore could have a minor negative effect on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The site is reported in GCC assessment to be well maintained and run as garden nursery with a residential property adjoining and the whole estate is surrounded by stone exterior walls. This indicates that a potential waste facility may not be prominent in the landscape on such a small site. However, since the estate contains existing waste management facilities, there may be potential for positive effects through innovative design to be achieved, but these are uncertain until the exact nature and design for the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	+

Site name: Saul (Fretherne Nurseries)

LUC ID: 163

Area (ha): 3.42

District: Stroud

Objective 11 justification: The GCC PROW Team confirms there are no footpaths within or crossing the site. The nearest leisure/recreational facility are some local tennis courts, and there is a reasonable footpath network around Fretherne, as well as other local facilities. There is some potential for minor negative effects from a waste management facility on these assets, but this remains uncertain until the exact nature and design of the proposed facility are submitted with a planning application.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: Within 500m of SSSI -

RIGGS:

Objective 12 justification: GGT assessment indicates there are no recorded geological features on the site or within 250m of the boundary, therefore the score is neutral against this objective.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is recorded by GCC Archaeology Team as containing a listed building in the form of the boundary wall of the site, which may not present a setting issue. However, there is a Roman road crossing the site and several other listed buildings within Fretherne (e.g. St Mary's Church, Fretherne Court listed wall, War Memorial) which could potentially be exposed to negative impacts from a proposed waste management facility, although this effect is uncertain.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: The site falls within Flood Zones 1, 2, 3a and 3b, with approximately 50% of the site being located within Flood Zone 3b, while the northern part is within Flood Zone 1. The GCC Flood Risk assessment indicates that the site has the potential for significant negative effects for flooding due to proximity to the River Severn. Due to historical flood risk or other sources the site has the potential for a significant negative effect on prevention of flooding and risk to public water supply due to its location mainly within Flood Zone 3b.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Saul (Fretherne Nurseries)

LUC ID: 163

Area (ha): 3.42

District: Stroud

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+?**

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: The site is on well maintained land that has been developed for horticultural/agricultural use. According to GCC assessment neither the site or adjoining land is classified as contaminated land. There is potential for the site to have a minor positive effect on protecting soil/land quality as it is a small site (3ha) on developed land, and providing that any potential waste management facility did not conflict with the existing uses on site.

SA Objective 17: Air quality **SA Judgement:** **-**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor or low in GCC Highways assessment as access would be via unclassified and in places single-lane roads, and the B4071 to reach the strategic highway network. It is not within 1km of an AQMA but could still have a negative impact on air quality.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **+/-**

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed by GCC Highways as having medium potential for rail/and or water based transport and as low in terms of its proximity to the strategic highways network. The overall effect is therefore mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** **+**

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Site name: Saul (Fretherne Nurseries)

LUC ID: 163

Area (ha): 3.42

District: Stroud

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

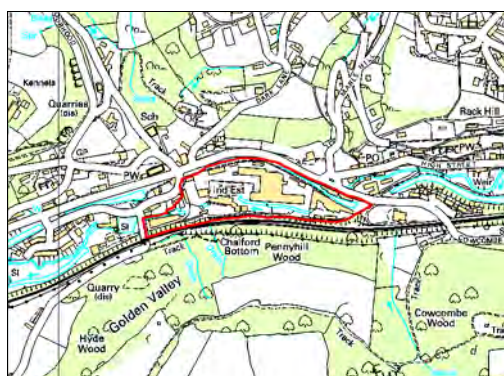
Objective 22 justification:	The site is located on developed land and contains an existing waste management facility so there may be potential for minor positive effects due to the co-location of facilities, but these effects are uncertain. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Site EKI, Chalford Industrial Estate

LUC ID: 177

Area (ha): 3.62

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site containing numerous small businesses, and within 250m of sensitive receptors including a school and a place of worship to the north west and scattered residential development, therefore development of a waste facility on the site could have negative effects on health and well-being.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: This small site is within 250m of sensitive receptors including two churches and two schools, as well as numerous residential properties within 100m-250m of the boundary of the site. Development of a waste facility here could therefore have the potential for negative effects on the amenity of local communities. However, the site is more than 250m from an existing waste management facility so

Site name: Site EKI, Chalford Industrial Estate

LUC ID: 177

Area (ha): 3.62

District: Stroud

there should not be a cumulative effect.

SA Objective 4: Sustainable economic development	SA Judgement:	0

Industrial estates:	Within or adjacent to existing industrial estate	+?

Waste Local plan:	More than 250m from Waste Local Plan site

Proximity to existing waste facilities:	More than 250m from existing waste management facility	0

Objective 4 justification:	This site is within an existing Industrial Estate, containing many small businesses within an old mill that is known to have limited on-site parking. However, the site was identified in the Stroud Local Plan, but due to being more than 250m from an existing waste management facility there are unlikely to be any effects against this objective.

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement:	0

Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities	SA Judgement:	+

GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+

Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement:	0

Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0

Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.

SA Objective 8: Biodiversity	SA Judgement:	+/-

SAC:	More than 500m from SAC	0

SPA:	More than 500m from SPA	0

Ramsar:	More than 500m from Ramsar site	0

National Nature Reserve:	More than 500m from NNR	0

SSSI:	More than 500m from SSSI	0

LNR:	More than 500m from LNR	0

Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-

BAP species:

Site name: Site EKI, Chalford Industrial Estate

LUC ID: 177

Area (ha): 3.62

District: Stroud

BAP habitat:

Ancient woodland: Within 500m of Ancient Woodland -

GCC ecology assessment: Scored as 0 by GCC Ecologist and GCER 0

Objective 8 justification: A Key Wildlife Site and Ancient Woodland are within 500m of the site thus there is potential for a minor negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint up to and including 250m distant.

SA Objective 9: Landscape **SA Judgement:** - -?

Industrial Estates: Within or adjacent to existing industrial estate 0

AONB: Within an AONB - -

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity: Uncertain due to lack of spatial information ?

Objective 9 justification: The GCC site assessment notes that this site is within the Cotswold AONB and contains Settled Valley and Secluded Valleys landscape character features, thus it could have significant negative effects on landscape. However, this effect is uncertain because this site is also within an existing Industrial Estate.

SA Objective 10: Screening and/or innovative design **SA Judgement:** -?

Prominence: Uncertain due to lack of spatial information ?

Objective 10 justification: The GIS analysis indicates that the site borders some open fields and may be screened by woodland to the south and west. However the site lies within the Cotswold AONB, and is within the Chalford Parish of Stroud close to residential areas. However, the site is an existing small Industrial Estate and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** - -

Open space/recreation/leisure: Within 250m of a leisure, recreational facility or open space -

PROW: Includes a PROW - -

GCC PROW assessment: Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required - -

Objective 11 justification: GCC site assessment notes there is a network of footpaths surrounding the site and GIS analysis confirms the existence of PROW running through the site and adjoining the disused Thames and Severn Canal to the northern boundary, and therefore there may be a need for diversion, although no enhancements are likely. This is partly due to a railway embankment forming the southern boundary of the site. In addition, there is a tennis court within 250m of the site and there could be potential for major negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users, and by the diversion of existing footpaths.

SA Objective 12: Geodiversity **SA Judgement:** 0

Site name: Site EKI, Chalford Industrial Estate

LUC ID: 177

Area (ha): 3.62

District: Stroud

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement: - -

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	- -
Conservation Areas:	Located within a Conservation Area	- -
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)	- -

Objective 13 justification: This site is within an existing Industrial Estate and within 100-250m of known cultural assets. In addition, the GCC Archaeology report states that the Listed Building on the site is a post-medieval industrial building but may already have been affected by later industrial buildings. However, the site falls within the Stroud Industrial Heritage Conservation Area and within 100m of St Mary and Belvedere Conservation Area in Chalford. There are numerous listed buildings within 100m- 250m of the site boundary, therefore this site could have a major negative effect on townscape and heritage.

SA Objective 14: Flooding	SA Judgement: - -

Flood Zone 1:	Not within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	- -
GCC flood assessment:		

Objective 14 justification: This site has the potential for a significant negative effect on flooding and potential of risk to public water supply as it is located mainly within Flood Zone 3b, with the River Frome being culverted through part of the site. In addition, the site scored significant negative effects in relation to potential flood risk in the GCC Flood risk assessment due to historical flood risk with residual risk to the site being high.

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement: +

Previously developed land:	On Previously Developed Land	+

Site name: Site EKI, Chalford Industrial Estate

LUC ID: 177

Area (ha): 3.62

District: Stroud

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small sized site (4ha) located on land that has been developed, but adjoining some farm land and woodland to the south and west. This site could have a minor positive effect on protecting soil/land quality as it is a small site located entirely on previously developed land, and not within grade 1, 2 or 3 agricultural land.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the strategic highway network by the GCC Highways assessment via the A419. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

Objective 19 justification: This site has been assessed as having high potential for water transport if the canal were to be reopened, and thus could have a significant positive impact on reducing impacts of road traffic to and from the site if developed for waste use. However, this would be subject to the canal being reopened and would require a new access point. It was assessed as medium in terms of its proximity to the strategic highway network, so the overall effect on this objective is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: Site EK1, Chalford Industrial Estate

LUC ID: 177

Area (ha): 3.62

District: Stroud

**Objective 22
justification:**

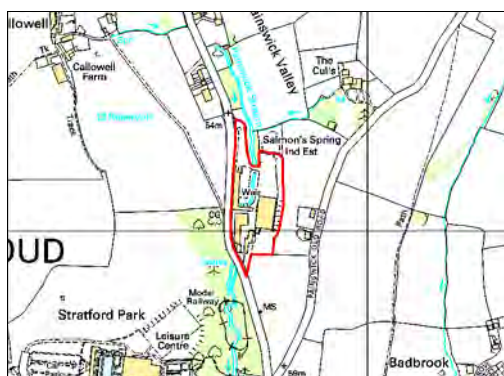
The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.

Site name: Site EKI I, Salmon Springs Industrial Estate, Painswick Road, Stroud

LUC ID: 179

Area (ha): 2.07

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site located alongside the A46 and adjoining farmland. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK11, Salmon Springs Industrial Estate, Painswick Road, Stroud

LUC ID: 179

Area (ha): 2.07

District: Stroud

Objective 3 justification: The site is located less than 100m-250m from a few existing residential properties (The Culls to the north east, and two properties on Painswick Old Road to the east, unnamed properties to the north west across from the A46). The development of a waste facility could therefore have negative effects on the amenity of the few properties within 250m of the site. However, it is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing small Industrial Estate which includes a range of businesses, including Royal Mail, a furniture retailer and a snooker club. In addition, it has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Site EK11, Salmon Springs Industrial Estate, Painswick Road, Stroud

LUC ID: 179

Area (ha): 2.07

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	Stratford Park, Stroud is within 500m of the site and is important for some mammal and bird species (including one Local BAP species e.g water vole), but contains no Priority Habitat therefore there is likely to be negligible effects on biodiversity. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint greater than 250m and up to including 1km distant (Severn Estuary SAC/SPA/Ramsar/SSSI), thus there is likely to be negligible effects on biodiversity. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement: - -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is located on developed land lying partially within the Cotswold AONB (GIS analysis confirms this includes part of the north of the site, and land outside the site adjoining the north eastern site boundary), thus it could have a significant negative effect on landscape. However, this effect is uncertain because this site is also within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site is within an existing small Industrial Estate, surrounded by open fields/countryside and the A46 out of Stroud. However, the site is an existing Industrial Estate, and the GCC assessment notes that it contains a mixture of older historic buildings and new industrial style buildings therefore there may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: +/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PRoW network where there is an opportunity for the existing route to be enhanced	+

Site name: Site EK11, Salmon Springs Industrial Estate, Painswick Road, Stroud

LUC ID: 179

Area (ha): 2.07

District: Stroud

Objective 11 justification: The site is within 250m of existing residential areas, a Leisure Centre, Museum, and Model Railway and there is a snooker club within the Industrial Estate therefore there may be potential for minor negative effects on recreation and leisure facilities, by making them less attractive for users. However, there may be potential to enhance the local footpath network, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there should be no effects on this objective.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: More than 100m from a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is within an existing Industrial Estate and contains a number of Listed Buildings (including the Maltings, Clothier's House LB Gd II) and greater than 100m distant from the Stratford Park Conservation Area to the east. However, the more detailed GCC Archaeology assessment states these listed building are post-medieval industrial and transport buildings whose setting may already be affected by later industrial buildings. Therefore, this site could have a major negative effect on on townscape and heritage, due to proximity to listed buildings and the Conservation Area.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources. - -

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk from Painswick Stream which runs north to south through the centre of the site.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Site EK11, Salmon Springs Industrial Estate, Painswick Road, Stroud

LUC ID: 179

Area (ha): 2.07

District: Stroud

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small sized site (4ha) located on land that has been developed, and currently used as a small Industrial Estate. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as low by the GCC Highways assessment as it has poor access on to the Strategic Highway Network, and access would need to be approached from the south due to the freight advisory route for lorries in the Stroud area. Therefore this site could potentially have a minor negative effect on protecting air quality. It is not within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Site name: Site EK11, Salmon Springs Industrial Estate, Painswick Road, Stroud

LUC ID: 179

Area (ha): 2.07

District: Stroud

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small Industrial Estate may offer some positive benefits in relation to this objective.

Site name: Site EK19, Inchbrook Industrial Estate, Bath Road, Nailsworth

LUC ID: 187

Area (ha): 8.64

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A very long thin site within a fairly built-up area of Nailsworth which is within 250m of a number of sensitive receptors, including residential properties and a school at Inchbrook. The development of a waste facility could have negative effects on health and well-being for the properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK19, Inchbrook Industrial Estate, Bath Road, Nailsworth

LUC ID: 187

Area (ha): 8.64

District: Stroud

Objective 3 justification: This site is located within 250m of existing residential properties and a school so there is potential for negative effects on the amenity of local residents and communities. It is more than 250m from an existing waste facility so there should not be a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing Industrial Estate containing a number of industrial/ business uses and adjoins a cycle track to the rear of the site. In addition, it has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recycle generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/business outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

LNR: More than 500m from LNR 0

Site name: Site EK19, Inchbrook Industrial Estate, Bath Road, Nailsworth

LUC ID: 187

Area (ha): 8.64

District: Stroud

Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 15,400m, and Woodchester Park SSSI within 680m of the site. In addition Minchinhampton Common SSSI falls within 260m of the site, while Nailsworth Brook is a Key Wildlife Site within the site boundary containing some BAP species, thus there is likely to be some potentially negative or uncertain effects on biodiversity. The more detailed GCC Ecology assessment has scored the site as (-*) in relation to a designated aquifer fed/surface water/flood water dependent site(s) over 1km distant(including the Minchinhampton SSSI) which may be affected and where the chosen waste technology and development design poses a risk to the water environment.	

SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Beyond 1km of an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	A medium size site (13ha) located on developed land and more than 1km from the Cotswold AONB. The site therefore is unlikely to have an effect on the AONB, as it is also within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	A linear site running alongside Painswick Valley, and close to areas of importance for nature conservation. However, the site contains an existing Industrial Estate which the GCC site assessment indicates contains some older mill buildings. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	The GCC site assessment and GIS analysis indicates there is a footpath crossing the site from west to east from Merrett's Mill linking with adjoining PROW and the cycle track, and therefore this path is likely to be diverted, with no enhancements being likely. There is therefore likely to be a minor negative effect on recreational assets due to the loss of the PROW, and the link to the adjoining cycle	

Site name: Site EK19, Inchbrook Industrial Estate, Bath Road, Nailsworth

LUC ID: 187

Area (ha): 8.64

District: Stroud

path.

SA Objective 12: Geodiversity	SA Judgement:	-

SSSI:	Within 500m of SSSI	-
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GCC site assessment and GIS analysis confirms that the site is within 260m of Minchinhampton Common SSSI which has recorded geological features of known importance for geodiversity, and therefore there could be potential for negative effects on this objective.	

SA Objective 13: Heritage	SA Judgement:	--

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	--
Conservation Areas:	Within 100m of a Conservation Area	-
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Is assessed by GCC Archaeology Team as double negative (--)	--
Objective 13 justification:	This site is within an existing Industrial Estate and within 100m of the Stroud Industrial Heritage Conservation Area which contains numerous Listed Buildings (including offices at Merrett's Mill, Inchbrook Mill, Dyehouse Mill). It is also up to 100m from the Dunkirk and Watledge Conservation Area. However, the more detailed GCC Archaeology assessment states these Listed buildings on site are post-medieval industrial and transport buildings whose setting may already be affected by later industrial buildings. Therefore, this site could have a major negative effect on on townscape and heritage, due to proximity to two Conservation Areas containing important Gd II listed buildings.	

SA Objective 14: Flooding	SA Judgement:	--

Flood Zone 1:	Not within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources	--
Objective 14 justification:	The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply. It also scored very negatively in the assessment, due to historical flood risk and potential flood risk from Nailsworth Stream which runs north to south through the site.	

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	

Site name: Site EK19, Inchbrook Industrial Estate, Bath Road, Nailsworth

LUC ID: 187

Area (ha): 8.64

District: Stroud

SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV		0
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	A medium sized site (9 ha) located on land that has been developed, and currently used as a small Industrial Estate. The GCC site assessment notes that the site is not classified as contaminated land, but Stroud District Council have identified some concerns over the adjoining area, and re-development would provide an opportunity to investigate these issues. This site could therefore have minor positive effects on protecting soil/land quality as it is located entirely on previously developed land, and not within grade 1, 2 or 3 agricultural land.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the A46. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	+/-
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However, it is located within close proximity to residential areas and the GCC Highways assessment suggested there would be scope for non car access by employees and therefore it could also have a positive effect on this objective.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	+
Industrial estates:	Within or adjacent to existing industrial estate		+

Site name: Site EK19, Inchbrook Industrial Estate, Bath Road, Nailsworth

LUC ID: 187

Area (ha): 8.64

District: Stroud

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

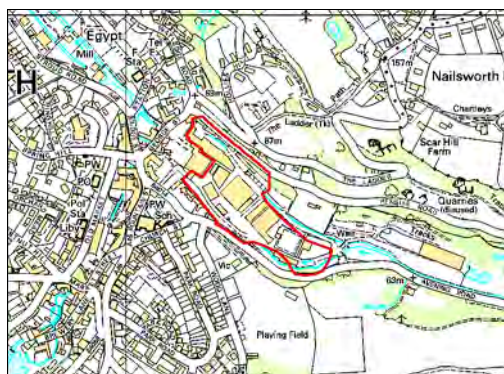
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.

Site name: Site EK20, Nailsworth Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 189

Area (ha): 3.31

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site within Nailsworth, within 250m of a number of sensitive receptors. These include two churches, a school and a some residential properties in close proximity to the west of the site (including George Street, Wood Street, Church Lane). Development of a waste facility on the site could have the potential for negative effects on health and well being for those properties within 250m of the site. However this would depend on the type of facility that would be developed on the site and the mitigation measures that may be implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK20, Nailsworth Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 189

Area (ha): 3.31

District: Stroud

Objective 3 justification: This site is located within 250m of existing residential properties, two churches and a school so there is potential for negative effects on the amenity of local residents and communities. It is more than 250m from an existing waste facility so there should not be a cumulative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing small Industrial Estate which the GCC site assessment notes includes the following existing businesses: coach company, a dry cleaner, a building society, a walking stick manufacturer and an enamellers. In addition, it has been identified in the Stroud Local Plan and is fairly close to Nailsworth town centre. There is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, in relation to the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **++**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. ++

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **--**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

Site name: Site EK20, Nailsworth Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 189

Area (ha): 3.31

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 16,700m, and Box Farm Meadows SSSI within 830m of the site. In addition, both Minchinhampton Common SSSI and Nailsworth Brook Key Wildlife Site lie very close to the site boundary and within 100m (Priority Habitat of lowland calcareous grassland, and some Priority species e.g. Freshwater Crayfish), thus there is likely to be significant negative effects on biodiversity. The more detailed GCC Ecology assessment has scored the site as(-*) in relation to the overall impact on biodiversity being potentially negative or uncertain including potential impact on a nationally designated site which is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Beyond 1km of an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is on developed land and beyond 1km (10m) of the Cotwold AONB. Its effect on landscape is likely to be negligible because the site is also located within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	According to the GCC site assessment the site contains several large modern industrial units and is located within the urban area of Stroud and within 100m of three Conservation Areas, as well as being close to areas of importance for nature conservation. However, the site contains an existing Industrial Estate which the GCC Archaeology reports contains an important Listed Mill building. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PRoW network where there is an opportunity for the existing route to be enhanced	+

Site name: Site EK20, Nailsworth Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 189

Area (ha): 3.31

District: Stroud

Objective 11 justification: The site is within 250m of a bowling green to the south east of the site, and other sensitive receptors mentioned in the GCC site assessment include tennis courts, a playground, and playing field to the south of the site. Thus development of a waste management facility could have a potential negative effect on recreational assets in the County by making the facilities less attractive for users. There is no existing footpath access through the site, but there may be potential for enhancements to adjoining PROW within Nailsworth, and the site assessment indicates there could be potential for a minor positive effect on recreational access.

SA Objective 12: Geodiversity **SA Judgement:** - -

SSSI: Within 500m of SSSI -

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT report indicates that there are SSSIs with geological features recorded at Minchinhampton Common within 40m of the site, therefore there could be potential for significant negative effects on this objective.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: The site is within an existing Industrial Estate and according to the GCC Archaeology assessment it lies within 100m of three Conservation Areas (Nailsworth, Stroud Industrial Heritage and Dunkirk and Watledge) containing numerous listed buildings, and has also been designated as having potentially minor negative effects on the setting of the Nailsworth or Birt's Mill (LB Gd II). However, the assessment concludes that the setting issues may already be affected by recent industrial development. This site could therefore have a major negative effect on townscape and heritage, due to proximity to listed buildings and three Conservation Areas.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk from Nailsworth Stream which bounds the northern and southern boundaries. However, the assessment notes if this site were to be considered for a waste management facility a Level 2 SFRA would be required.

Site name: Site EK20, Nailsworth Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 189

Area (ha): 3.31

District: Stroud

SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV		0
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	A small site (3ha) located on land that has previously been developed, and currently used as a small Industrial Estate. This site could have minor positive effects on protecting soil/land quality as it is located entirely on previously developed land and is not within grade 1, 2 or 3 agricultural land. Neither the site or adjoining land has been classified as contaminated, and re-development of the site for a waste management facility could provide an opportunity for any necessary remediation.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the A46. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	-/+
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	This site has been assessed as having low potential for rail and/or water transport and thus could have a major negative impact by contributing to impacts of road traffic to and from the site if developed for waste use. However, its proximity to the strategic highways network means that the overall effect is mixed.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		

Site name: Site EK20, Nailsworth Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 189

Area (ha): 3.31

District: Stroud

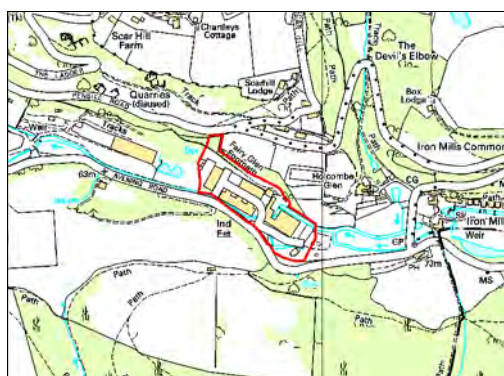
SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.	

Site name: Site EK21, Spring Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 190

Area (ha): 2.37

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is partially within open countryside and woodland. However, there are a few sensitive receptors including residential properties (Scarhill Lodge, Holcombe Glen, Chartleys Cottage) mainly to the north and within 250m of the site. The development of a waste facility could have significant negative effects on health and well-being, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK21, Spring Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 190

Area (ha): 2.37

District: Stroud

Objective 3 justification: This site is located within 250m of a few residential properties so it is expected that there would be negative effects on these sensitive receptors. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing small Industrial Estate which includes a mixture of small business units. In addition, it has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

LNR: More than 500m from LNR 0

Site name: Site EK21, Spring Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 190

Area (ha): 2.37

District: Stroud

Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within the boundary of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-
Objective 8 justification:	The Minchinhampton Common SSSI and Box Farm Meadows SSSI are both within 500m of the site thus there is potential for a minor negative effect on biodiversity within the boundary of Key Wildlife Sites. The Severn Estuary SAC/SPA/Ramsar/SSSI is located more than 17,500m from the site and the GCC Ecology Assessment has scored the site as (-*) as having an overall impact that could be potentially negative or uncertain on a nationally designated aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment SSSI (Foss Cross Quarry) and a Key Wildlife Site (Calmsdon dismantled railway line) are within 500m of the site thus there is potential for a minor negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint (Priority Habitat of lowland calcareous grassland and some Priority species e.g. Viviparous Lizard, swallow, Duke of Burgundy Fritillary) greater than 250m and up to and including 1km distant.	

SA Objective 9: Landscape	SA Judgement: - -?

Industrial Estates:	Within or adjacent to existing industrial estate	+
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is on developed land, but within the Cotswold AONB and contains Settled Valley and Secluded Valleys landscape character features typical to the AONB, thus it could have significant negative effects on landscape. However, this effect is uncertain because this site is also within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The site is located in an existing Industrial Estate containing old disused mill buildings, and some modern stone clad business units. Therefore, there may be potential for positive effects through innovative design to be achieved, especially as the site is within the Cotswold AONB, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: - -

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Includes a PROW	- -

Site name: Site EK21, Spring Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 190

Area (ha): 2.37

District: Stroud

GCC PROW assessment: Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required - -

Objective 11 justification: GCC site assessment notes there is a network of footpaths surrounding the site and GIS analysis confirms the existence of footpath (Fairy Glen) entering the site from Pensile Road and running through the site to link with Avening Road, and beyond to other PROW. The GCC PROW team have indicated that this would have a major negative effect on the network requiring a major deviation, and potential closure. This could have a significant negative effect on recreational assets, as development of the sites would either mean removing part of a facility/open space, or removing land which has potential for recreation/access to the countryside.

SA Objective 12: Geodiversity **SA Judgement:** - -

SSSI: Within 500m of SSSI -

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that there are SSSIs with geological features at Minchinhampton Common within 25m of the site, and therefore could have a negative effect on this objective.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is located in an existing Industrial Estate but within 100m of cultural assets. This includes Holcombe Mill, Nailsworth (LB) and other listed buildings within the site boundary. In addition, the site lies within 100m of the Stroud Industrial Heritage Conservation Area, and more than 250m from Longfords Mill and Box Conservation Areas. The more detailed GCC Archaeology assessment states that the setting of the Stroud Industrial Heritage Conservation Area may be subject to negative or uncertain effects by the development of a waste facility. Therefore, this site could have a major negative effect on on townscape and heritage, due to proximity to listed buildings and Conservation Areas.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Site name: Site EK21, Spring Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 190

Area (ha): 2.37

District: Stroud

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk from the Nailsworth Stream which flows from east to west through the site.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +?

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (2ha) located on land that has been developed, and currently used as a small Industrial Estate. This site could have minor positive effects on protecting soil/land quality in view of its size, and due to being located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and re-development would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment: +

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as access to the Strategic Highway Network would be from (or in close proximity to) routes identified for local journeys (A and B roads). In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having no potential for rail and/or water transport. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Site name: Site EK21, Spring Mill Industrial Estate, Avening Road, Nailsworth

LUC ID: 190

Area (ha): 2.37

District: Stroud

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change

SA Judgement: +?

Industrial estates: Within or adjacent to existing industrial estate

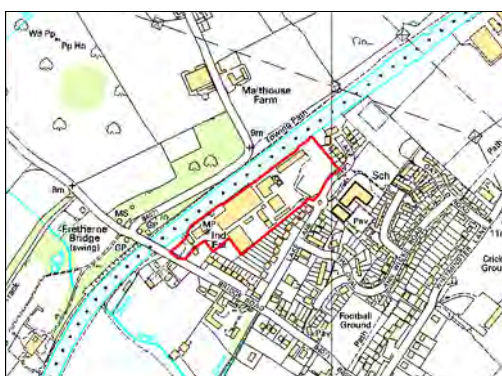
**Known/proposed
CHP user:**

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.

Site name: Site EK22, Frampton Industrial Estate, Bridge Road, Frampton-on-Severn **LUC ID:** 191

Area (ha): 2.89

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site located to the east of the Gloucester and Sharpness Canal and within 250m of a number of sensitive receptors. These include residential properties in Lake Lane, Bridge Road within 100m, and The Oval within 250m. The GCC site assessment indicates that a school and community centre are additional sensitive receptors within 250m. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK22, Frampton Industrial Estate, Bridge Road, Frampton-on-Severn **LUC ID:** 191
Area (ha): 2.89

District: Stroud

Objective 3 justification: The site is located within 250m of many sensitive receptors, especially to the south and south east of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing small Industrial Estate which includes many small businesses, and a working flour mill (Shipton Mill) according to the GCC site assessment. In addition, it has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Site EK22, Frampton Industrial Estate, Bridge Road, Frampton-on-Severn **LUC ID:** 191
Area (ha): 2.89

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 825m, and Frampton Pools SSSI within 765m of the site. Hence, the more detailed GCC Ecology assessment has scored the site as negative (--) in relation to these designations, since there could be potentially negative or uncertain effects including potential impact on an internationally designated site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within the Cotswold AONB. Due to the location of the site more than 1km from the AONB and within an existing Industrial Estate there are likely to be no effects against this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site contains older mill-type buildings and some larger sheds. However, due to its location bordering the Gloucester and Sharpness Canal and proximity to Frampton-on-Severn the site may be partially prominent in the landscape. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development such as industrial warehousing. However, the site is an existing Industrial Estate, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Site EK22, Frampton Industrial Estate, Bridge Road, Frampton-on-Severn **LUC ID:** 191
Area (ha): 2.89

District: Stroud

Objective 11 justification: GCC site assessment and GIS analysis indicates that there are no PROW present on site, but there may be opportunities for existing routes to be enhanced which could have potential positive effects on recreational assets. There is an existing footpath to the south of the site linking to the Canal and Fretherne Bridge, but no access within the site boundary. However, there are leisure/recreational facilities within 250m of the site including a football ground, tennis court and community centre and there could be potential minor negative effects on cultural, leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: This site is within an existing Industrial Estate and within 100m of archaeological and historic heritage. It is also located within 100m of Frampton-on-Severn Conservation Area, and up to 100m from Saul Conservation Area and could therefore have potential negative effects on the setting of these Conservation Areas. In addition, the Bridge Keeper's House (LB Gd II) on the Canal is within 100m of the site, and Frampton Court Garden is a Gd II* listed historic garden within 250 of the site boundary. The more detailed GCC Archaeology assessment states that the setting of Saul Conservation Area may present setting issues for a potential waste management facility. Therefore, this site could have a negative effect on townscape and heritage, due to proximity to listed buildings/garden and two Conservation Areas.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Not within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk. This is due to the site being located within the floodplain of the River Severn, and in future the extent of

Site name: Site EK22, Frampton Industrial Estate, Bridge Road, Frampton-on-Severn **LUC ID:** 191
Area (ha): 2.89
District: Stroud

flooding is expected to increase.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+**

Previously developed land: On Previously Developed Land **+**

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land **0**

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small sized site (3ha) located on land that has been developed, and currently used as a small Industrial Estate. This site could have minor positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and re-development would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality **SA Judgement:** **-**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) **+**

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via minor roads to reach the A38. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **+ +/-**

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access **++**

Objective 19 justification: This site has been assessed as having high potential for sustainable transport, thus it could have a significant positive effect on reducing impacts of road traffic to and from the site if developed for waste use. However it has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** **+**

Site name: Site EK22, Frampton Industrial Estate, Bridge Road, Frampton-on-Severn **LUC ID:** 191
Area (ha): 2.89

District: Stroud

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change		SA Judgement: +?

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.

Site name: Site EK24 Cam Mills, Everlands, Cam

LUC ID: 193

Area (ha): 2.25

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site consisting of industrial mill buildings containing a number of businesses, including Cam Woollen Mills. The site is within 250m of numerous sensitive receptors, including residential properties on all surrounding boundaries, three schools, and a church. In view of the close proximity of these sensitive receptors (extensive areas of housing back directly onto the site) development of a waste facility on the site could have the potential for negative effects on health and well being. However, this effect is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK24 Cam Mills, Everlands, Cam

LUC ID: 193

Area (ha): 2.25

District: Stroud

Objective 3 justification: In view of the site's proximity to numerous sensitive receptors, there is some potential for negative effects on the amenity of local residents and communities. The site is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing Mill complex on a site identified within the Stroud Local Plan containing a number of businesses. In addition, it has been identified in the Stroud Local Plan so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets. Thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Site EK24 Cam Mills, Everlands, Cam

LUC ID: 193

Area (ha): 2.25

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment has also assessed the site as (0) neutral since the identified ecological constraint is up to and including 250m distant, and there should be no significant effects on biodiversity from a potential waste management facility.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within 800m of the Cotwold AONB thus there could be minor negative effects on the landscape. However, due to the location of the site within an existing Mill complex, this effect is uncertain.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site contains three or four large brick industrial mill-style buildings. However, due to its location close to Cam the site may be partially prominent in the landscape. For example, it may be visible from a large number of sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development such as industrial warehousing. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Site EK24 Cam Mills, Everlands, Cam

LUC ID: 193

Area (ha): 2.25

District: Stroud

Objective 11 justification: There are no PROW within the site, and there is potential for enhancement to the existing local network according to the GCC site assessment. However, there are numerous leisure/recreational facilities within 250m of the site including a sports ground, tennis courts and a bowls club, and there could be potential minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **?**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: This site is within an existing Mill complex and more than 100m or 250m from cultural assets. In addition the GCC Archaeology assessment states that the site has been designated as (0) as it appears to be the surviving structure of a 19th century fulling mill (Cam Mill), and this would require more detailed analysis if the site were to be considered for a waste management facility. Therefore, this site may have a negative or uncertain effect on the setting of an important industrial building, but this will be uncertain until the exact nature and design of the proposed facility are submitted with a planning application.

SA Objective 14: Flooding **SA Judgement:** **--**

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources --

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk from the River Cam which is culverted through most of the length of the site.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Site EK24 Cam Mills, Everlands, Cam

LUC ID: 193

Area (ha): 2.25

District: Stroud

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+**

Previously developed land: On Previously Developed Land **+**

Agricultural land classification: Not within Grades 1, 2 or 3 BMV **0**

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (3ha) located on land that has been developed, and currently used as a Business/Mill complex. This site could have minor positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and re-development would provide an opportunity for further investigation and remediation if required.

SA Objective 17: Air quality **SA Judgement:** **-**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) **+**

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via Everlands which has numerous sensitive in order to reach the A4135. Therefore this site could have a minor negative impact on protecting air quality, although it is not within an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **-**

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport **-**

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** **+**

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Site EK24 Cam Mills, Everlands, Cam

LUC ID: 193

Area (ha): 2.25

District: Stroud

SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing Business/Mill complex may offer some positive benefits in relation to this objective, but this remains uncertain.	

Site name: Site EK34, Former MOD Site 4, Hardwicke

LUC ID: 203

Area (ha): 12.7

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A large modern Business Park consisting of industrial and office units, with a large military hanger to the south west of the site and adjoining open space. The site is within 250m of a few sensitive receptors including office units within the existing site, as well as residential properties a short distance from the south and south west of the site boundary. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK34, Former MOD Site 4, Hardwicke

LUC ID: 203

Area (ha): 12.7

District: Stroud

Objective 3 justification: The site is located on a Business Park adjoining fields and alongside the A38 on the outskirts of Gloucester and so there is potential for significant negative effects on the amenity of local residents and communities within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement: +?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing large Business Park which according to the GCC site assessment consists of modern industrial and office units. It has been identified in the Stroud Local Plan, and there may be potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement: 0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement: +**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement: -?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: This site is within the Gloucestershire Airport Zone safeguarding/consultation area and could have negative effects on the safety of commercial or military aerodromes due to the potential for birds and tall chimneys to provide a hazard to aircraft. However, there is uncertainty about this effect as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement: +?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

Site name: Site EK34, Former MOD Site 4, Hardwicke

LUC ID: 203

Area (ha): 12.7

District: Stroud

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as +* by GCC Ecologist and GCER	+
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 12,700m, thus there is likely to be negligible effects on biodiversity. In addition, the more detailed GCC Ecology assessment has scored the site as +* since overall impact on biodiversity could be potentially uncertain or positive in relation to the Severn Estuary designation, since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within the Cotswold AONB, but contains Vale of Berkeley and Settled Unwooded Vale landscape character features. It is more than 1km from the AONB and is within an existing large Business Park thus it is unlikely to have an effect on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment and GIS analysis confirms that this large site is mainly surrounded by open fields/countryside on the outskirts of an urban area, as well as adjoining the A38. However, the site is an existing Business Park, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--

Site name: Site EK34, Former MOD Site 4, Hardwicke

LUC ID: 203

Area (ha): 12.7

District: Stroud

Objective 11 justification: The GCC site assessment indicates that there are potential significant negative effects due to an identified PROW within 250m of the site. GIS analysis indicates that there is a network of at least four footpaths within 100m250m of the site boundary. This would have a major adverse impact on the Network with potential closure, or major deviation to the network required and could have a significant negative effect on recreation activities, as development of the sites would either mean removing part of a facility/open space, or removing land which has potential for recreation/access to the countryside.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **0**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: This site is within an existing Business Park and more than 250m from cultural assets. In addition, the GCC Archaeology assessment states that the site contains no known historical or archaeologically significant remains, although the course of a Roman road may potentially be within the southern part of the site. There should therefore be negligible effects on heritage assets.

SA Objective 14: Flooding **SA Judgement:** **++**

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment. However, the assessment notes that the risk from the River Shorn would need to be verified as part of a FRA.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Site EK34, Former MOD Site 4, Hardwicke

LUC ID: 203

Area (ha): 12.7

District: Stroud

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land. In addition, the GCC site assessment confirms that the site has recently been remediated for commercial/industrial use, but some additional work may be required for landscaped areas.

SA Objective 17: Air quality **SA Judgement:** ++

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as good or high by the GCC Highways assessment as it has good direct access on to the strategic highway network. In addition, it is not within 1km of an AQMA, therefore this site should have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site is has been assessed as having medium potential for rail and/or water transport and thus could have a positive impact on reducing impacts of road traffic to and from the site if these facilities were developed for waste use. It has also been assessed as good in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Site name: Site EK34, Former MOD Site 4, Hardwicke

LUC ID: 203

Area (ha): 12.7

District: Stroud

Known/proposed CHP user:	Uncertain due to lack of spatial information	0

Objective 22 justification:	The site is within a large Business Park and could have a minor positive effect with regards this objective if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this will depend on the nature of the facility that would be developed on the site. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Site EK36, Former MOD Site 6, Hardwicke

LUC ID: 205

Area (ha): 9.63

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Over 250m from existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site contains three large former aircraft hangers and RAF buildings now in use for various businesses. There are three or four residential properties near to the site boundary to the north east between the site and the road, so development here would have potentially negative effects on health and well-being.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: 0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site is greater than 250m from all sensitive receptors so no impact on the amenity of local communities is expected. It is also more than 250m from an existing waste facility so should not have a cumulative effect.

Site name: Site EK36, Former MOD Site 6, Hardwicke

LUC ID: 205

Area (ha): 9.63

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	This site is a former MOD RAF base which is now used for various businesses, including haulage and landscaping, as well as storage according to the GCC site assessment and has new improved access and good internal roads. In addition, it has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone for all types of planning applications. There could be potential negative effects on the safety of commercial or military aerodromes due to the potential for birds and tall chimneys to provide a hazard to aircraft. However, this effect is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.		
SA Objective 8: Biodiversity		SA Judgement:	0
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0

Site name: Site EK36, Former MOD Site 6, Hardwicke

LUC ID: 205

Area (ha): 9.63

District: Stroud

Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment has also assessed the site as (0) neutral since the identified ecological constraint is up to and including 250m distant, and there should be no significant effects on biodiversity from a potential waste management facility.	

SA Objective 9: Landscape	SA Judgement: -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GIS analysis indicates that this site is within 1km of the Cotswold AONB and could have a minor negative effect on landscape. However, due to the site being located on a former RAF Airbase in proximity to industrial hangars this effect is uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site contains three large former aircraft hangers and ex RAF buildings. However, due to its location adjoining major roads the site may be partially prominent in the landscape. For example, it may be also be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development. Positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: +

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	GCC site assessment and GIS analysis indicates that are no PROW present on site. However, there may be potential to enhance the local footpath network, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.	

SA Objective 12: Geodiversity	SA Judgement: 0

Site name: Site EK36, Former MOD Site 6, Hardwicke

LUC ID: 205

Area (ha): 9.63

District: Stroud

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	0

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment	0

Objective 13 justification: This site is not within 250m of cultural assets. However, the GCC Archaeology assessment states that the site has been designated as (0) as there are Prehistoric and Roman farmstead remains adjacent to the site, although the precise location of recognised features in relation to the site is unclear. Therefore, this site should have no effects on historic assets, but this will be uncertain until the exact nature and design of the proposed facility are submitted with a planning application, and further investigations are undertaken.

SA Objective 14: Flooding	SA Judgement:	+

Flood Zone 1:	Entirely within Flood Zone 1	+
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	+

Objective 14 justification: This site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is mainly within Flood Zone 1, but affected by Flood Zones 2, 3a and 3b, and scored positively in the GCC Flood risk assessment. The assessment notes that proximity to the M5 motorway may result in water affecting the site where there is an embankment to the south of the site, and this would require a Level 2 SFRA.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	+

Previously developed land:	On Previously Developed Land	+

Site name: Site EK36, Former MOD Site 6, Hardwicke

LUC ID: 205

Area (ha): 9.63

District: Stroud

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (10ha) located on land that has been previously developed, and currently used for various business uses. This site could have positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and re-development would provide an opportunity for investigation and remediation if required.

SA Objective 17: Air quality **SA Judgement:** -?

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via minor roads to reach the A38. However, the Highways assessment notes there is now good access with a recent link provided. Therefore this site could have a minor negative or uncertain impact on protecting air quality, although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +/-

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed by GCC Highways as having medium potential for rail and/or water transport. However it has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: Site EK36, Former MOD Site 6, Hardwicke

LUC ID: 205

Area (ha): 9.63

District: Stroud

**Objective 22
justification:**

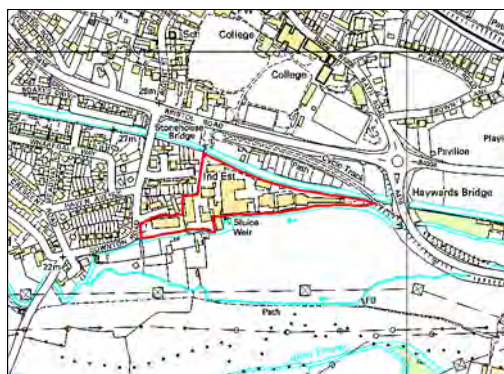
The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing industrial/business park may offer some positive benefits in relation to this objective.

Site name: Site EK5, Upper Mills Industrial Estate, Bristol Road, Stonehouse

LUC ID: 208

Area (ha): 2.47

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site within an urban area, and within 250m of a number of sensitive receptors. These include a nursery, a school/college, and residential areas bordering the north and west of the site, and some properties within 100m which immediately adjoin the site boundary to the west (Downton Road). Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK5, Upper Mills Industrial Estate, Bristol Road, Stonehouse

LUC ID: 208

Area (ha): 2.47

District: Stroud

Objective 3 justification: The site is located within 100m-250m of many sensitive receptors, especially to the north and west of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 100m-250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing Industrial Estate containing numerous commercial business and industrial companies, as well as a food outlet according to the GCC site assessment. In addition, it has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recycle generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Site EK5, Upper Mills Industrial Estate, Bristol Road, Stonehouse

LUC ID: 208

Area (ha): 2.47

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 11,250m, and thus there is likely to be negligible effects on biodiversity. Although the site borders two Key Wildlife Site (Stroudwater Canal, River Frome), it is more than 500m from other local nature conservation designations, and there should be no significant effects on biodiversity from a potential waste management facility. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation to the Severn Estuary designation, since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitat Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement: -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within 400m of the Cotwold AONB and contains Stroud Urban and Settled Unwooded Vale landscape character features, thus there may be minor negative effects on landscape. However, this effect is uncertain, due to the location of the site within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site contains small units dating from between 1960-1980, in addition to much older historic mill-type buildings, and has limited on site parking space. Due to its location bordering the Stroudwater Canal and proximity to Stonehouse the site may be partially prominent in the landscape, especially to sensitive receptors to the west. However, the site is an existing Industrial Estate, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: - -

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -

Site name: Site EK5, Upper Mills Industrial Estate, Bristol Road, Stonehouse

LUC ID: 208

Area (ha): 2.47

District: Stroud

Objective 11 justification: The Stroudwater Canal towpath which runs parallel alongside the northern boundary of the site has been identified by GCC PRow Team as having a major adverse impact on the Network since there would be no potential for a diversion of this route. This would have a significant negative effect on recreation activities. In addition, there is at least one leisure/recreational facilities within 250m of the site (tennis courts) and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is within an existing Industrial Estate and the main building at Upper Mills within the site boundary is a Listed Building (Gd II) and other listed buildings adjoin the 250m boundary. The site is also within 100m of the Stroud Industrial Heritage Conservation Area containing numerous listed buildings. However, the more detailed GCC Archaeology assessment states that the extent to which the listed buildings on site would impede further industrial development is not clear, since the setting of existing post-medieval industrial building may already be affected by later industrial buildings. Therefore, this site could potentially have a major negative effect on townscape and heritage, due to proximity to listed buildings and a Conservation Area.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) +

Flood Zone 2: Partially or entirely within Flood Zone 2 0

Flood Zone 3: Partially or entirely within Flood Zone 3 0

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: This site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is mainly within Flood Zone 1, but also affected by Flood Zones 2, 3a and 3b and scored positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Site EK5, Upper Mills Industrial Estate, Bristol Road, Stonehouse

LUC ID: 208

Area (ha): 2.47

District: Stroud

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site located on land that has been developed, and currently used as a small Industrial Estate. This site could have minor positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and re-development would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via Downton Road to reach the A419. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA, and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +/-

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for water transport and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Site name: Site EK5, Upper Mills Industrial Estate, Bristol Road, Stonehouse

LUC ID: 208

Area (ha): 2.47

District: Stroud

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

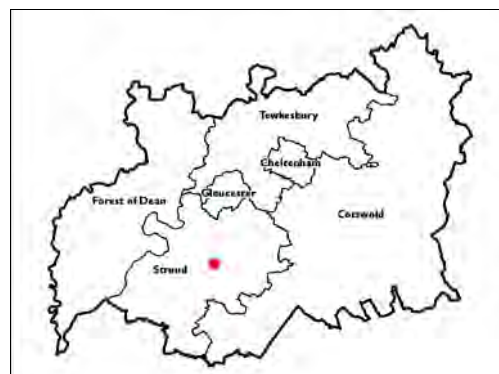
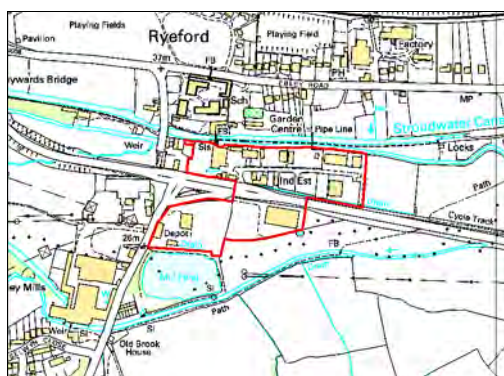
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective, but this effect remains uncertain.

Site name: Site EK6, Ryeford Industrial Area, Stonehouse

LUC ID: 209

Area (ha): 5.7

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is located within 250m of a number of sensitive receptors, especially to the north of the site where there are numerous residential properties and a school a short distance from the site boundary. The development of a waste facility could have negative effects on health and well-being for the properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Site EK6, Ryeford Industrial Area, Stonehouse

LUC ID: 209

Area (ha): 5.7

District: Stroud

Objective 3 justification: The site is located within 100m-250m of a few residential properties to the north around Ebley Road, as well as a school, and a few properties to the south (adjacent Stanley Mills, Selwyn Close, Old Brook House). As such, there is the potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic deveopment **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: The site is within an existing Industrial Estate which includes a range of businesses, including timber merchant, builders merchant, furniture manufacture, plant hire, ironmonger and metal recycling. In addition, the site has been identified in the Stroud Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industries.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **-?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Site EK6, Ryeford Industrial Area, Stonehouse

LUC ID: 209

Area (ha): 5.7

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	Within the boundary of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0 *
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 12,150m thus there is likely to be negligible effects on biodiversity. However, two Key Wildlife Sites adjoin the site boundary within 500m (Redhill Farm Meadows, River Frome) which contain some Priority habitat and species, so there could be potentially negative, or uncertain effects on biodiversity from a potential waste management facility. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation to the Severn Estuary designation, since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitat Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	-?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within 100m of the Cotwold AONB thus it may have a minor negative effect on landscape. Due to the location of the site within an existing Industrial Estate this effect is uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site contains reasonably sized industrial units. However, due to its location bordering the Stroudwater Canal to the north and lying between two branches of the River Frome it may be partially prominent in the landscape, as well as from nearby sensitive sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development such as industrial warehousing. However, the site is an existing Industrial Estate, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -

Site name: Site EK6, Ryeford Industrial Area, Stonehouse

LUC ID: 209

Area (ha): 5.7

District: Stroud

Objective 11 justification: The Stroudwater Canal towpath which runs parallel alongside the northern boundary of the site has been identified by GCC PRoW Team as having a major adverse impact on the Network since there would be no potential for a diversion of this route. This would have a significant negative effect on recreation activities. In addition, there are several leisure/recreational facilities within 250m of the site including a games pitch, playing field and playground and there could be potential minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) --

Objective 13 justification: This site is within an existing Industrial Estate and within 100m of Stanley Mills (Gd I Bar), and the Stanley Mills Conservation Area, as well as the Stroud Industrial Heritage Conservation Area. There are listed buildings within the 250m boundary including the Wharf building on Stroudwater Canal, and numerous buildings in Ryeford including Ryeford Mill. However, the more detailed GCC Archaeology assessment states that the extent to which the listed buildings on site would impede further industrial development is not clear, and the Archaeology score reflects the Stroud Industrial Heritage Conservation Area. Therefore, this site could potentially have a major negative effect on the setting of adjoining townscape and heritage due to proximity to listed buildings and two Conservation Areas.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources --

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk associated with the River Frome and unnamed drains. It could therefore have a significant effect on flood-risk areas and scores a major negative effect against this objective.

Site name: Site EK6, Ryeford Industrial Area, Stonehouse

LUC ID: 209

Area (ha): 5.7

District: Stroud

SA Objective 15: Prevent pollution		SA Judgement: N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	
SA Objective 16: Soil/land quality		SA Judgement: + +
Previously developed land:	On Previously Developed Land	+ +
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land	0
Site size:	Large (i.e. over 5ha)	
Objective 16 justification:	This site is located on land that has been developed, and currently used as an Industrial Estate. This site could have a major positive effects on protecting soil/land quality as it is a medium sized site located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and re-development would provide an opportunity for investigation and remediation.	
SA Objective 17: Air quality		SA Judgement: +
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the A419. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: +
GCC sustainable transport:	Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport	+
Objective 19 justification:	This site has been assessed as medium for both sustainable transport potential and for its proximity to the strategic highways network, so the overall effect is expected to be positive.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	

Site name: Site EK6, Ryeford Industrial Area, Stonehouse

LUC ID: 209

Area (ha): 5.7

District: Stroud

SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing industrial estate may offer some positive benefits in relation to this objective, but this effect remains uncertain.	

Site name: Malvern View, Bishop's Cleeve

LUC ID: 246

Area (ha): 5.35

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site on the outskirts of Bishop's Cleeve is within 250m of a number of sensitive receptors, including a large number of residential properties to the east of the site and some within the 100m boundary including properties in Hanson Gardens, Huxley Way and Stoke Road. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Within 250m of existing waste management facilities	0

Site name: Malvern View, Bishop's Cleeve

LUC ID: 246

Area (ha): 5.35

District: Tewkesbury

Objective 3 justification: The site is located within 100m-250m of sensitive receptors, especially residential properties to the east of the site boundary, and these could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: Within 250m of a WLP site +?

Proximity to existing waste facilities: Within 250m of existing waste management facilities +

Objective 4 justification: This site is within an existing Business Park and adjacent to a site allocated in the Tewkesbury Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Malvern View, Bishop's Cleeve

LUC ID: 246

Area (ha): 5.35

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment has also assessed the site as positive (+) since the overall impact on biodiversity could be potentially uncertain or positive due to the distance from the nearest nature conservaton sites. In addition, the design of modern waste management facilities is increasingly adopting innovative practice and there may be opportunities to incorporate green or brown roofs within the design. Good design of any landscaped areas within the site could also incorporate the use of native species and habitats to encourage biodiversity within the site, which could contribute to achieving biodiversity targets. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site in not within or adjacent to the Cotswold AONB. Since the site is within an existing Industrial Estate there should be no effects on this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The site is a small Business Park on the outskirts of Bishop's Cleeve. According to the GCC site assessment the units on the south west of the site are fairly small, while the remainder are large modern industrial units. In view of the site being within an existing Business Park positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Malvern View, Bishop's Cleeve

LUC ID: 246

Area (ha): 5.35

District: Tewkesbury

Objective 11 justification: GCC site assessment and GIS analysis indicates that there are no PROW present on site, but there may be opportunities for existing routes to be enhanced. However, the site is close to a rugby ground and rifle range and may have the potential for a minor negative effect on recreation in these areas by making these facilities less attractive to users of recreational facilities in the County. There may be potential to enhance the local footpath network, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **+**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: The site is within an existing Business Park and more than 250m from cultural assets. In addition the GCC Archaeology assessment states that any archaeological remains may already have been destroyed by development on the site, and there is uncertainty over the status of a nearby cropmark site which reflects the positive score (+) for this site which has a minor positive effect on this objective.

SA Objective 14: Flooding **SA Judgement:** **++**

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment. The assessment notes that there may be some residual risk posed in relation to the Glebe Farm Brook which would need to be investigated as part of an FRA if the site were to be considered for a waste management facility.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Malvern View, Bishop's Cleeve

LUC ID: 246

Area (ha): 5.35

District: Tewkesbury

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A 5ha site located on previously developed land, and currently used as a small Business Park. This site should have a major positive effect on protecting soil/land quality as it is a large site that is entirely on previously developed land.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for access onto the Strategic Highway Network via Stoke Road and the A435. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for rail and/or water transport, and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if any of these facilities were developed for waste use.
It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Site name: Malvern View, Bishop's Cleeve

LUC ID: 246

Area (ha): 5.35

District: Tewkesbury

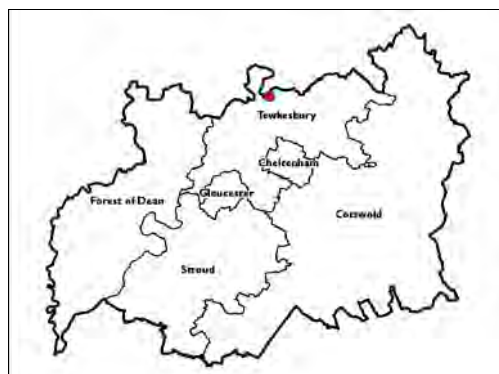
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing Business Park may offer some positive benefits in relation to this objective, this effect is uncertain.	

Site name: Business/Industrial Park, Tewkesbury/Aschurch

LUC ID: 252

Area (ha): 119.37

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A very large site split into two sections with the M5 motorway situated between the two sites. There are numerous sensitive receptors within 250m including large areas of residential areas directly adjacent to the site, mainly to the west and east. The GCC site assessment notes other sensitive receptors within 250m include a church, three schools and two clubs. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	--

Site name: Business/Industrial Park, Tewkesbury/Aschurch

LUC ID: 252

Area (ha): 119.37

District: Tewkesbury

Objective 3 justification: The site is located within 250m of many sensitive receptors, especially to the west and east of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. There are also two existing waste facilities within 250m of the site on the western side away from the nearest sensitive receptor, so there could be a cumulative effect on residential properties from development on this site.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site +

Proximity to existing waste facilities: Adjacent to existing waste management facilities +

Objective 4 justification: This site is within an existing large Industrial Estate containing existing waste management facilities and is adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+ +**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. + +

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: The site is within the Gloucestershire Airport Zone consultation/safeguarding area since potential landfill or thermal treatment sites could have negative effects on the safety of commercial or military aerodromes due to the potential for birds and tall chimneys to provide a hazard to aircraft. There is some uncertainty about this effect as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

Site name: Business/Industrial Park, Tewkesbury/Aschurch

LUC ID: 252

Area (ha): 119.37

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Severn Ham SSSI is located within 1,157m and there is a Key Wildlife Site (Tewkesbury Railway Line (Disused)) bordering the site so there is potential for a significant negative effect on biodiversity. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation to the Severn Ham SSSI designation, since it is an aquifer/surface/flood water dependent site over 1km distant.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is on previously developed land, and the GCC site assessment confirms that it is not within or adjacent to an AONB. Due to the location of the site adjoining the M5 and the large size of the Industrial Estate there are likely to be negligible effects on the landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	-?
Objective 10 justification:	A very large Industrial complex bordering two sides of the M5 motorway. According to the GCC site assessment it contains three main areas, with the older buildings being within Area 1 between the A438 and Northway Lane. The newest section (Area 2) is mainly modern office units, with some being barn conversions, while Area 3 is to the east of the M5 and includes some industrial units and an open space following a factory demolition. In view of the size of the site there may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-?

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Path due to be extinguished	

Site name: Business/Industrial Park, Tewkesbury/Aschurch

LUC ID: 252

Area (ha): 119.37

District: Tewkesbury

Objective 11 justification: The GCC site assessment notes that the one PROW on the western side of the site containing Areas 1 and 2 of the Industrial Estate based around Junction 9 of the M5 is to be extinguished. GIS analysis confirms the existence of other footpaths along the perimeter of the site, although it is uncertain what effects this will have on this objective, but it could have minor negative impacts on recreation assets. In addition, there are several leisure and recreational facilities within 250m of the site, including a tennis court and playground, and a youth club. There could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** -?

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site --

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) --

Objective 13 justification: This site is within an existing Industrial Estate and there are two listed buildings within the 250m site boundary (Cowfield Farm barn and pigsty both Gd.II) to the east. However, the more detailed GCC Archaeology assessment states that the setting of these post-medieval agricultural buildings may already have been affected by later industrial buildings and has been scored as double negative in the assessment. In view of the extent of additional development on this large site and the location of these listed buildings there could be no effects on this objective, since it would depend on the exact location of any potential waste management facility. Both the existing sites are located on Area 1 and 2 to the west, away from historic assets.

SA Objective 14: Flooding **SA Judgement:** -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 2 which has the potential for a minor negative effect on flooding and reduction of risk to public water supply. It scored neutral in the assessment indicating that the site may have some potential for waste uses through certain conditions. This relates to the fact that most of the site lies in Flood Zone 1 and is marginally affected by Flood Zones 2 and 3, and although the site itself is not at risk, flooding from

Site name: Business/Industrial Park, Tewkesbury/Aschurch

LUC ID: 252

Area (ha): 119.37

District: Tewkesbury

various other sources has been recorded. An FRA would be required to confirm flood level on-site.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **++**

Previously developed land: On Previously Developed Land **+**

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land **0**

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (119ha) located on land that has been previously developed. Tewkesbury Borough Council has identified the site as having some issues in relation to contamination, although it is not classified as contaminated. The site could have a significant positive effect on protecting soil/land quality in view of its size, and since it is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land.

SA Objective 17: Air quality **SA Judgement:** **0**

AQMA: Within 1km of Air Quality Management Area (AQMA) **-**

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as good or high by the GCC Highways assessment as it has good direct access on to the Strategic Highway Network via Northway Lane, Shannon Way and the A46, therefore this site could have a significant positive impact on protecting air quality. However, it is within 1km of an AQMA, thus the overall effect is potentially negative. This impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **++**

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access **++**

Objective 19 justification: This site has been assessed as having high potential for rail and/or water transport and thus could have a major positive impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as good in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** **+**

Site name: Business/Industrial Park, Tewkesbury/Aschurch

LUC ID: 252

Area (ha): 119.37

District: Tewkesbury

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: +?

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	-?

Objective 22 justification: In view of the size of this Industrial/Business Park there may be potential for minor positive effects if energy were to be generated from the waste management process and used within nearby development. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Smiths Industrial Estate

LUC ID: 253

Area (ha): 31.84

District: Tewkesbury



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is partially surrounded by open fields and sports facilities, but is within 250m of a few sensitive receptors mainly to the north of the site. These include residential properties including Cantors Drive (within 100m) and Alverton Drive and The Nurseries, and to the south west Hyde Farm. The GCC site assessment states that other sensitive receptors include two sports clubs. Development of a waste facility on the site could have the potential for negative effects on health and well-being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Smiths Industrial Estate

LUC ID: 253

Area (ha): 31.84

District: Tewkesbury

Objective 3 justification: The site is located on the outskirts of Bishop's Cleeve with a few sensitive receptors within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing Industrial Estate and is adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: The site lies within the Gloucestershire Airport consultation/safeguarding zone and therefore potential landfill or thermal treatment sites that are within an aerodrome safeguarding area could have negative effects on the safety of commercial or military aerodromes due to the potential for birds and tall chimneys to provide a hazard to aircraft. There is some uncertainty about this effect as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Smiths Industrial Estate

LUC ID: 253

Area (ha): 31.84

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment has also assessed the site as (0) neutral since the identified ecological constraint is up to and including 250m distant, and there should be no significant effects on biodiversity from a potential waste management facility.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB. Due to the location of the site within an existing large Industrial Estate, there are likely to be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	-?
Objective 10 justification:	The GCC site assessment notes that the majority of this site is taken up by SAPA and GE Aviation with the industrial units varying in style and age. Cleeve Business Park is also located on this site with some smaller industrial units, and there is open space to the north west which was previously allocated in Gloucestershire's Waste Local Plan. However, the site is an existing Industrial Estate and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0
Objective 11 justification:	The GCC site assessment and GIS analysis confirms there is a PROW network surrounding the site mainly to the east and south west, but no diversions to the route will be necessary, and enhancements are unlikely. Therefore there are unlikely to be any effects on recreational access in relation to this site. However, there are several leisure/recreational facilities within 250m of the site (sports field,	

Site name: Smiths Industrial Estate

LUC ID: 253

Area (ha): 31.84

District: Tewkesbury

sports ground, tennis courts and garden centre) and there could be potential minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

RIGGS:	More than 500m from a RIGGS	0

Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage	SA Judgement:	-

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0

Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0

Listed Buildings:	More than 100m from a Listed Building	0

Conservation Areas:	More than 100m from a Conservation Area	0

World Heritage Sites:	More than 250m from a Registered Battlefield	0

GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment	-

Objective 13 justification:	This site is within an existing Industrial Estate and more than 250m from cultural assets. However, the GCC Archaeology assessment states there are known archaeological remains (Roman ditches) found in the north western part of the site, and has scored the site as having negative effects. Therefore, the development of a waste management facility could potentially have a minor negative effect on known significant remains.

SA Objective 14: Flooding	SA Judgement:	++

Flood Zone 1:	Entirely within Flood Zone 1 (not in FZ 2 or 3)	++

Flood Zone 2:	Partially or entirely within Flood Zone 2	-

Flood Zone 3:	Partially or entirely within Flood Zone 3	--

GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	++

Objective 14 justification:	This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment. According to the assessment there is one minor watercourse that is culverted for approximately 250m within the site and due to residual risk this would need to be investigated as part of a FRA.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	++

Site name: Smiths Industrial Estate

LUC ID: 253

Area (ha): 31.84

District: Tewkesbury

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (32ha) located on land that has previously been developed, and currently used as a large Industrial/Business Estate. This site should have major positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as 'Contaminated Land', but there are potentially contamination issues that would need further investigation. Therefore re-development for a potential waste management facility would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for direct access on to the Strategic Highway Network via the A435. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality, although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage. The assessment does note that the A435 experiences heavy traffic movements at certain times, including racecourse traffic, and this may be a matter for further investigation if the site were taken forward in view of air quality concerns.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for rail and/or water transport, and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if any of these facilities were developed for waste use. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Site name: Smiths Industrial Estate

LUC ID: 253

Area (ha): 31.84

District: Tewkesbury

Known/proposed CHP user:	Uncertain due to lack of spatial information	-?

Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing large Industrial Estate may offer some positive benefits in relation to this objective if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Wingmoor Farm West, Sites A&B

LUC ID: 272

Area (ha): 79.51

District: Tewkesbury



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A large site located on the outskirts of Bishop's Cleeve with a few scattered sensitive receptors within 250m. These include a number of farms to the west, south west and north east, as well as residential properties at Brockhampton to the south east, and Malvern View Business Park. However, the GCC site assessment notes that the site is also fairly close to the settlements of Elmstone Hardwick, Stoke Orchard and Bishop's Cleeve. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation. The large site has very few sensitive receptors within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	0
Faith centres:	Over 250m from places of worship	0

Site name: Wingmoor Farm West, Sites A&B

LUC ID: 272

Area (ha): 79.51

District: Tewkesbury

Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site borders farmland with very few sensitive receptors within 250m of its boundary, and is more than 250m from a number of neighbouring settlements (Elmstone Hardwick, Brockhampton, Stoke Orchard and Bishop's Cleeve) which could potentially be negatively affected by noise and vibration from waste traffic movements. However, there are existing waste facilities within the site boundary and in view of its proximity to a few sensitive receptors, and the fact that it is within an area that may be proposed for new housing, there could also be a cumulative negative effect on the local community as a result of development at this site.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Waste Local plan:	Adjacent to site from Waste Local Plan	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	- -?
Objective 4 justification:	This site was previously allocated in the Gloucestershire Waste Local Plan and was proposed for inclusion in the WVCs as a result of an invitation for potential sites. According to the GCC site assessment it contains three key area: 'The Park' which consists of a number of industrial units/former RAF hangers and used by Cory Environmental Ltd, Printwaste, and Altitude Scaffolding. The second area is the Household Recycling Centre operated by May Gurney, and the third is a large, non-hazardous landfill operated by Cory covering 180 acres. Thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0

Site name: Wingmoor Farm West, Sites A&B

LUC ID: 272

Area (ha): 79.51

District: Tewkesbury

SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within the boundary of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI) conservation designations. Although the Wingmoor Farm Meadow GWT Reserve is within 250m and contains some BAP Priority Species and Habitat it forms part of a restored landfill within the Wingmoor Farm site and there should potentially be no significant effects on biodiversity due to proximity to existing waste management operations. The GCC Ecology assessment has also assessed the site as (0) neutral since the identified ecological constraint is up to and including 250m distant, and indicates there should be no significant effects on biodiversity from a potential waste management facility.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB. Due to the location of the site within an existing large industrial operation area there are unlikely to be effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that one area of the site consists of old aeroplane hangers, alongside a very large landfill site and Household Recycling Centre. Due to the large size of the site and its proximity to existing waste management facilities there should be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Site name: Wingmoor Farm West, Sites A&B

LUC ID: 272

Area (ha): 79.51

District: Tewkesbury

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having an opportunity for major enhancement and/or additional routes to be constructed	++
Objective 11 justification:	GCC site assessment and GIS analysis confirms the presence of PROW network to the west and southern perimeter and there will be no need for diversion of any footpaths, although enhancement are unlikely so there should be a minor positive effect on this objective. However, GIS analysis indicates there may be leisure/recreational facilities within 250m of the site, including a rugby ground and rifle range and there could be potential minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.	

SA Objective 12: Geodiversity	SA Judgement:	--

SSSI:	More than 500m from SSSI	0
RIGGS:	Within the boundary of a RIGGS	--
Objective 12 justification:	The GGT report within the GCC site assessment notes that Geological Local Sites were recorded within 250m of the site (Wingmore Farm Pit) a large working gravel pit extracting sand and gravel from the Quaternary 'Avon Valley Formation'. Since this work was completed the site has also been designated as a RIG since it is of national importance in that it exposes the Oxynotum Zone (within the Charmouth Mudstone Formation) which is rarely seen in the UK. This feature is absent in Dorset and only visible elsewhere in the UK at Robin Hoods Bay, Yorkshire. According to the assessment the exposures are temporary and accessible to visitors. Therefore there could be potentially significant negative effects on geodiversity, but this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.	

SA Objective 13: Heritage	SA Judgement:	+

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	+
Objective 13 justification:	The GCC Archaeology report confirms that the site has been designated as having minor positive effects due to known historic assets. The site is within the former Stoke Orchard World War II airfield, but notes that much of the site has already been destroyed by landfill, and the remainder of the airfield is now used by the Coal Research Establishment. Therefore this site could have minor positive effects on heritage.	

SA Objective 14: Flooding	SA Judgement:	+

Flood Zone 1:	Entirely within Flood Zone 1 (not in FZ 2 or 3)	+
Flood Zone 2:	Partially or entirely within Flood Zone 2	-

Site name: Wingmoor Farm West, Sites A&B

LUC ID: 272

Area (ha): 79.51

District: Tewkesbury

Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	+
Objective 14 justification:	This site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is mainly within Flood Zone 1 but affected by Flood Zones 2, 3a and 3b. It scored positively in the GCC Flood assessment.	

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement: +

Previously developed land:	Partially on Previously Developed Land	+
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV	0
Site size:	Large (i.e. over 5ha)	
Objective 16 justification:	A large site (80ha) located on land that has landfilled or previously developed, and containing existing waste management facilities. This site could have minor positive effects on protecting soil/land quality in view of its size, and since it is within 250m of restored landfill and partially on previously developed land.	

SA Objective 17: Air quality	SA Judgement: +

AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access to the A435. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.	

SA Objective 18: Water quality	SA Judgement: 0

Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic	SA Judgement: ++

GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access	++
Objective 19 justification:	The GCC Highways assessment scored the site as having high potential for sustainable transport, since the site is adjacent to or includes a mapped freight rail head. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.	

SA Objective 20: Promote the waste hierarchy	SA Judgement: +

Site name: Wingmoor Farm West, Sites A&B

LUC ID: 272

Area (ha): 79.51

District: Tewkesbury

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Known/proposed CHP user: Uncertain due to lack of spatial information ?

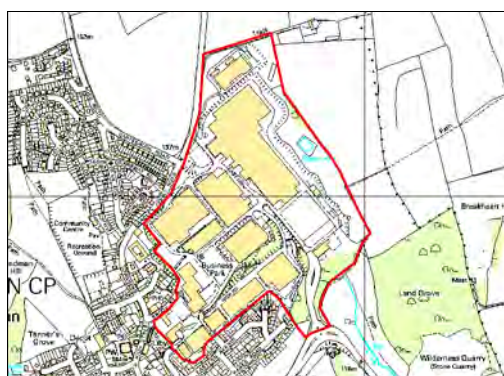
Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on a site containing existing waste facilities may offer some positive benefits in relation to this objective.

Site name: Mitcheldean 3

LUC ID: 290

Area (ha): 28.87

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: This site located close to Mitchelden is within 250m of numerous sensitive receptors including extensive areas of directly adjacent residential properties to the west and south west, as well as a church, surgery, library and community centre. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Mitcheldean 3

LUC ID: 290

Area (ha): 28.87

District: Forest

Objective 3 justification: The site is located within 250m of many sensitive receptors, especially to the west and south west of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing large Business Park containing a variety of business uses ranging from distribution to offices, and including the Royal Forest of Dean College workshops, and Two Rivers Housing Association, and Range Warehouse according to GCC site assessment. In addition, it has been identified in the Forest of Dean Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recycle generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: The site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

Site name: Mitcheldean 3

LUC ID: 290

Area (ha): 28.87

District: Forest

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	The Wye Valley and Forest of Dean Bat Sites SAC/Wigpool Ironstone Mine SSSI are both located within 750m of the site and other Key Wildlife Sites within 500m, thus there is likely to be significant negative effects on biodiversity including Priority Habitats and Species. In addition, the more detailed GCC Ecology assessment has scored the site as (--) in relation to the Wye Valley and Forest of Dean Bat Sites SAC/Wigpool Ironstone Mine SSSI, since there could be potentially negative or uncertain impacts on an internationally designated site. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB. Due to the location of the site within an existing large Business Park, there are likely to be no effects against this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that this is a large site containing a range of building sizes and styles, but all the units on the site are constructed in red brick. GIS analysis indicates that the site also adjoins open fields and woodland as well as Breakheart Hill to the north east. However, the site is an existing Business Park, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-

Site name: Mitcheldean 3

LUC ID: 290

Area (ha): 28.87

District: Forest

Objective 11 justification: There are PROW within the site including a footpath within the eastern boundary. The GCC assessment indicates that a diversion to an existing footpath is already under discussion, and this would have a minor negative effect on the PROW network with some minor re-routing required. In addition, there are leisure/recreational facilities within 250m of the site including a playground/recreation ground and there could also be potential minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** - -

SSSI: Within 500m of SSSI -

RIGGS: Within 500m of a RIGGS - -

Objective 12 justification: The GCC site assessment indicates that there are two nearby SSSIs with geological features recorded, these are Land Grove Quarry (210m) and Stenders Quarry (525m). The site is also within the boundary of a Regionally Important Geological Site (RIGS) known as Rank Zerox Cutting which is a linear exposure forming the boundary of the former Rank Zerox industrial estate. Its value lies in the exposure of both sandstone and mudstone beds, which also provides evidence of tectonic movements during the Carboniferous period and is important to the understanding of regional geological structure. There could be potential for significant negative effects on this objective.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is within an existing Business Park, and according to GCC Archaeology assessment only a very small part of the site lies within the Mitcheldean Conservation Area (south western boundary) and hence the reason for the assessment for potentially significant effects on heritage assets. The assessment indicates that as there are no other known archaeological assets within the site, it would have been scored as neutral (0). The Conservation Area contains numerous post medieval listed buildings as well as the Grade I Listed St Michael and All Angels Church, and therefore it is uncertain whether the setting of these buildings may already be affected by later industrial buildings. This site could potentially have a major negative effect on townscape and heritage, due to proximity to listed buildings and a Conservation Area.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment:

Site name: Mitcheldean 3

LUC ID: 290

Area (ha): 28.87

District: Forest

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment. There are no records of historic flooding or flooding from other sources, but the assessment notes the presence of a reservoir within the site boundary which would need to be investigated as part of a FRA.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (29ha) located on land that has been developed, and currently used as a Business/Industrial Estate. This site could have major positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that no information was made available in relation to potential contamination on this site.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for access on to the Strategic Highway Network via minor roads to reach the A4136. The assessment notes that if the site could be accessed directly from the A4136 this would improve its potential for a waste management facility. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. Although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having no potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Site name: Mitcheldean 3

LUC ID: 290

Area (ha): 28.87

District: Forest

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing large Business Park may offer some positive benefits in relation to this objective.

Site name: Drybrook 4

LUC ID: 291

Area (ha): 2.8

District: Forest



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: This site partially adjoins disused quarries and woodland but is also within 250m of a number of sensitive receptors (although none are directly adjoining the site) including residential properties to the north and south, as well as a church at Harrow Hill. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Drybrook 4

LUC ID: 291

Area (ha): 2.8

District: Forest

Objective 3 justification: The site is located within 250m of a number of sensitive receptors, especially to the north/north east and south of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is currently in use by Hales & Co (Drybrook) Ltd for industrial use within a former quarry, with the south of the site being used for the storage of building materials. According to GCC site assessment it was identified in the Forest of Dean Local Plan, but since it is greater than 250m from an industrial estate or existing waste facility, or site allocated in the current Waste Local Plan it would have no effect on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Site name: Drybrook 4

LUC ID: 291

Area (ha): 2.8

District: Forest

Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	More than 500m from BAP Species	0
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI) conservation designations. Although there is an Ancient Woodland Site (Crabtree Ption East) within 250m there should be no significant effects on this Key Wildlife Site since the GCC Ecology assessment has assessed the site as (0) neutral since the identified ecological constraint is up to and including 250m distant, and indicates there should be no significant effects on biodiversity from a potential waste management facility.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site in a former quarry and is not within or adjacent to an AONB. Since the site is more than 1km from an AONB, and in a site designated for industrial use there are likely to be no effects on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site is lower than the surrounding roads due to a fall in the land. The site is already occupied for industrial use and contains large industrial units, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	+
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site is within 250m of a few existing residential areas, and there is a school and recreation ground beyond the 250m boundary to the south so there may be potential for a minor negative effect on recreation in these areas. However, there may be the potential to enhance the local footpath network within the area, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.	

SA Objective 12: Geodiversity	SA Judgement:	--

Site name: Drybrook 4

LUC ID: 291

Area (ha): 2.8

District: Forest

SSSI:	More than 500m from SSSI	0
RIGGS:	Within the boundary of a RIGGS	--
Objective 12 justification:	The GCC site assessment indicates that there are two RIGS recorded within 250m of the site boundary. The more detailed GGT report notes that these are Nailbridge Quarry an old quarry face exposing 'Pennant Sandstone Formaton', which has basic educational value with good safe access. The other is Nailbridge Scars a disused quarry exposing Carboniferous 'Pennant Sandstone Formation' containing large scale crossbedding in a high face which also has good safe access. There could be potential for significant negative effects on this objective in relation to proximity to two RIGS.	

SA Objective 13: Heritage	SA Judgement:	0

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:		
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment	0

Objective 13 justification: This site is within a site designated for industrial use and was formerly a quarry. It is more than 100m or 250m from cultural assets, although GIS analysis identifies one listed building within the 250m site boundary (adjacent church). However, the GCC Archaeology assessment states there are no known historical or archaeologically significant remains known on the site, although the site contains evidence from the Forest of Dean extractive industry, but there appear to be no surviving structures. Therefore, this site should have no effects on townscape and heritage.

SA Objective 14: Flooding	SA Judgement:	--

Flood Zone 1:	Not within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources	--

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk from a minor watercourse the Dry Brook to the north of the site, and upstream is culverted through a disused tunnel.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	+

Site name: Drybrook 4

LUC ID: 291

Area (ha): 2.8

District: Forest

Previously developed land:	On Previously Developed Land	+
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land	0
Site size:	Small to medium (i.e. less than 5ha)	
Objective 16 justification:	A small sized site (3ha) located on land that has been previously developed, and currently used for industrial purposes. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. No information was available in relation to potential contamination on this site.	

SA Objective 17: Air quality	SA Judgement:	+

AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+

GCC strategic highways assessment:

Objective 17 justification:	This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has adequate access on to the the A4136. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.	

SA Objective 18: Water quality	SA Judgement:	0

Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	

SA Objective 19: Impacts of lorry traffic	SA Judgement:	-/+

GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport	-

Objective 19 justification:	This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.	

SA Objective 20: Promote the waste hierarchy	SA Judgement:	+

Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	

SA Objective 21: Use of primary materials	SA Judgement:	+

Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	

SA Objective 22: Adapt to climate change	SA Judgement:	0

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Site name: Drybrook 4

LUC ID: 291

Area (ha): 2.8

District: Forest

**Objective 22
justification:**

The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. Since this site is not within a designated industrial estate or within 250m of an adjacent waste management facility there would be no effects against this objective.

Site name: Arle Court/Hatherley Lane/the Reddings

LUC ID: 294

Area (ha): 10.72

District: Cheltenham



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Within 250m of a hospital	-?
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A large site, split into two areas by Hatherley Lane and with numerous sensitive receptors within 250m of the site boundary. These include large areas of residential dwellings which border the site to the west/south west and east. The GCC site assessment notes that there is a hotel, food outlet nearby and Nuffield Hospital in Hatherley Lane. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Within 250m of a hospital	-
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Arle Court/Hatherley Lane/the Reddings

LUC ID: 294

Area (ha): 10.72

District: Cheltenham

Objective 3 justification: The site is located within 250m of many sensitive receptors, especially to the west and south west of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is not designated as an industrial estate, but has been listed in Cheltenham Borough Council's Employment Land Review. Since the site is greater than 250m from an industrial estate or existing waste facility, or site allocated in the current Waste Local Plan it would have no effect on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+ +**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. + +

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all types of development, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Site name: Arle Court/Hatherley Lane/the Reddings

LUC ID: 294

Area (ha): 10.72

District: Cheltenham

Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-*
Objective 8 justification:	The site is more than 560m distant from Badgeworth SSSI and 5,830m from Innsworth Meadow SSSI and has been assessed as -* by the GCC Ecologist and GCER due to overall negative or uncertain impact on a nationally designated site fed by a designated aquifer or surface water/flood water dependent site, and over 1km distant (e.g. Priority Habitat of Lowland Meadows and some Priority species, e.g. Great Crested Newt, Grass Snake) greater than 250m and up to an including 1km distant. The potential for significant effects on the two SSSI's would need to be assessed through the Habitat Regulations Assessment.	

SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this large site is located within Cheltenham and is classified as being typical of Cheltenham Urban area. Part of the site, an area to the south of Hatherley Lane is currently vacant and the buildings on it have been demolished, while the remainder contains large commercial buildings. Due to the location of the site within a central urban location there are unlikely to be effects against this objective.	

SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	As the site is listed in Cheltenham Borough Council's Employment Land Review there could be positive effects through innovative design in this visible location adjoining the A40, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site is close to existing residential areas, and within 250m of a sports ground and other commercial and cultural facilities so may have the potential for a minor negative effect on material, cultural and recreation in these areas. However, there may be the potential to enhance the local footpath network within the area, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.	

Site name: Arle Court/Hatherley Lane/the Reddings

LUC ID: 294

Area (ha): 10.72

District: Cheltenham

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.		
SA Objective 13: Heritage		SA Judgement:	- -
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Listed Building present on site		- -
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		- -
Objective 13 justification:	This site contains part of the site of a Post Medieval designed landscape (Arle Court, Hatherley Lane) and up to eight Listed Buildings are located within the 100m- 250m site boundary. In addition, the GCC Archaeology assessment notes that the site has potential for significant negative effects (--) on the setting of these Listed Buildings, although it acknowledges that some of these buildings may already have been affected by recent industrial buildings. The eastern part of the site is also an undesignated designed landscape which has been defined in the Gloucestershire Historic Landscape Characterisation designation FI. There is potential for significant negative effects on historic heritage.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Entirely within Flood Zone 1		+
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site has been assessed in the GCC Flood assessment as being fully in Flood Zone 1, however a minor watercourse flows along the southern boundary of the site and this poses some risk, so the assessment has scored minor positive effects on flooding and reduction of risk to public water supply.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+ +
Previously developed land:	On Previously Developed Land		+

Site name: Arle Court/Hatherley Lane/the Reddings

LUC ID: 294

Area (ha): 10.72

District: Cheltenham

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (11ha) located on land that has been developed, and currently containing a vacant site where buildings have been demolished to the south of Hatherley Lane, and industrial and commercial premises on the remainder of the site. This site could have major positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated. However, the area south of Hatherley Road is currently being remediated and if the site north of Hatherley Road were to be re-developed it would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via Hatherley Lane to the A40. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage. The GCC Highways Assessment also notes that the adjoining network nearby is already congested which could add to air quality concerns.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for rail and/or water transport and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if these facilities were developed for waste use. In addition, it has been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate 0

Site name: Arle Court/Hatherley Lane/the Reddings

LUC ID: 294

Area (ha): 10.72

District: Cheltenham

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

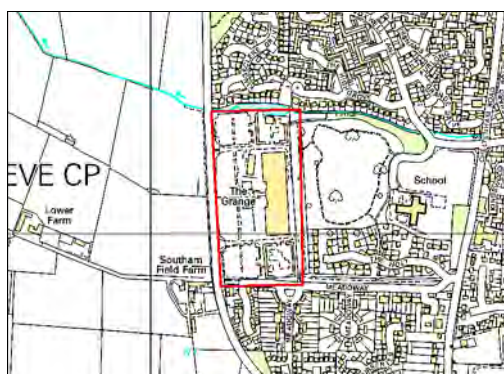
Objective 22 justification:	There may be potential for minor positive effects if energy were to be generated from the waste management process and used widely within nearby development. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: The Grange, Bishop's Cleeve

LUC ID: 295

Area (ha): 5.9

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site adjoins open fields to the west but is within 250m of numerous sensitive receptors, mainly residential areas of Bishop's Cleeve to the south, south east and north of the site, as well as a school. There are houses backing directly onto the site, so development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: The Grange, Bishop's Cleeve

LUC ID: 295

Area (ha): 5.9

District: Tewkesbury

Objective 3 justification: The site is located within 100-250m of existing residential properties and a school so there is potential for significant effects on the amenity of local residents and communities. The site is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: The site is currently occupied by Zurich/Capita according to GCC site assessment and consists of a large office building, car parking and a landscaped garden. The site was identified in the Tewkesbury Local Plan. Since it is greater than 250m from an industrial estate or existing waste facility, or a site allocated in the current Waste Local Plan it would have no effect on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Site name: The Grange, Bishop's Cleeve

LUC ID: 295

Area (ha): 5.9

District: Tewkesbury

Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment has also assessed the site as (0) neutral since the identified ecological constraint is up to and including 250m distant, and there should be no significant effects on biodiversity from a potential waste management facility.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is on land that has been developed and is not within or adjacent to an AONB according to GCC site assessment. Since the site is more than 1km from an AONB, and is on a site currently in use for commercial/office uses there are unlikely to be effects on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site currently consists of a large modern office buildings, car parking and a landscaped garden, and therefore likely to be partially prominent in the surrounding landscape. It is uncertain whether this existing building would be retained, but it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	GCC site assessment and GIS analysis indicates that are currently no PROW present on site, so there may be opportunities for the existing route to be enhanced and this could have minor positive effects on recreational access. However, there one leisure/recreational facilities within 250m of the site (school grounds/play facilities) and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.	

SA Objective 12: Geodiversity	SA Judgement:	0

Site name: The Grange, Bishop's Cleeve

LUC ID: 295

Area (ha): 5.9

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement: - -

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	- -
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)	- -

Objective 13 justification: This site is an existing commercial office park, but is within 100m of cultural assets including the Grange, a Grade II Listed Victorian Mansion, and a pond, 100m north of the Grange, both within the site boundary. In addition, the GCC Archaeology assessment states that part of the site is also an undesignated post-medieval designed landscape, defined as Gloucestershire Historic Landscape Characterisation FI. The report notes that the setting of the Listed Buildings on this site may already have been affected by recent development, but there is potential for significant negative effects on cultural and historic assets.

SA Objective 14: Flooding	SA Judgement: + +

Flood Zone 1:	Entirely within Flood Zone 1 (not in FZ 2 or 3)	+ +
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment. However, the assessment notes that Glebe Farm Brooks flows along the northern boundary of the site, and enters a pool, part of which is located within the site, and while it does not show fluvial flood risk, it would need to be assessed as part of a FRA if the site were to be considered for a waste management facility.

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement: + +

Site name: The Grange, Bishop's Cleeve

LUC ID: 295

Area (ha): 5.9

District: Tewkesbury

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is located on land that has previously developed, and is currently used as a large commercial office development with a landscaped garden and associated car parking. This site could have major positive effects on protecting soil/land quality as it is a large site located entirely on previously developed land. The GCC site assessment notes that the site is not classified as contaminated land, and no concerns have been identified.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the A435. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for rail and/or water transport by GCC Highways, and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: The Grange, Bishop's Cleeve

LUC ID: 295

Area (ha): 5.9

District: Tewkesbury

**Objective 22
justification:**

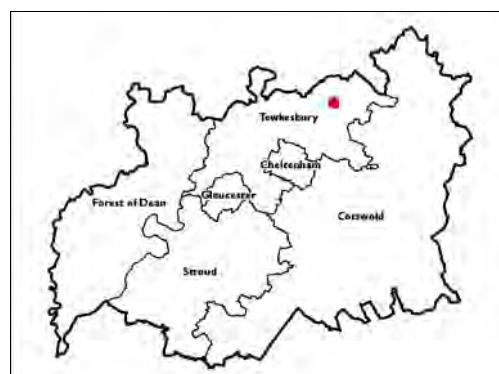
Since this site is greater than 250m from an industrial estate or known/proposed user of CHP it would have no effect on this objective. However, the flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Toddington - Orchard Trading Estate

LUC ID: 299

Area (ha): 6.59

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site surrounded by open countryside and with very few sensitive receptors within 250m of the site boundary, and none directly adjacent, which could be negatively affected by noise and vibration from waste traffic movements. However, the GCC site assessment notes that the site is also in close proximity to the village of Toddington. The development of a waste facility could therefore have negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Toddington - Orchard Trading Estate

LUC ID: 299

Area (ha): 6.59

District: Tewkesbury

Objective 3 justification: The site is located within 250m of a few sensitive receptors including two residential properties to the south west (Tewkesbury Lodge, Five Points) and one property to the north (around Culls Meadow), which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing Industrial Estate and is currently occupied by eight companies and has permitted use for B1, B2 and B8 industry. It was also listed in Tewkesbury Borough Council's Employment Land Review, but came forward through an invitation for potential sites. There is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **+?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Toddington - Orchard Trading Estate

LUC ID: 299

Area (ha): 6.59

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	More than 500m from BAP Species	0
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	Shetcombe Wood is a Key Wildlife Site more than 250m from the site which is identified as a Priority Habitat (Lowland mixed deciduous woodland). The more detailed GCC Ecology assessment notes that the overall impact on biodiversity is uncertain or positive due to the identification of important ecological constraint greater than 250m and up to an including 1km distant. There may be potential for positive effects on this objective since there are no BAP species identified within 500m, and the Ancient and Semi-Natural woodland is beyond 350m of the site.	

SA Objective 9: Landscape	SA Judgement: - -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 5m from the Cotswold AONB, thus it could have significant negative effects on landscape, however, this effect is uncertain because the site is also within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that it is surrounded by open countryside and contains industrial units of varying size and age. However, the site is an existing Industrial Estate and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: +

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	+
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, but there is a footpath running adjacent to the site boundary to the east, linking with the B4077 and adjoining paths. The GCC site assessment confirms that no diversion will be necessary and due to existing footpaths enhancements are unlikely, therefore there should be minor positive effects on recreational access.	

SA Objective 12: Geodiversity	SA Judgement: 0

Site name: Toddington - Orchard Trading Estate

LUC ID: 299

Area (ha): 6.59

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement: -

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	Within 250m of a Historic Park or Garden	-
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment	-

Objective 13 justification: This site is within 100m from cultural assets. In addition the GCC Archaeology assessment states that the site provides a setting to a designated Grade II Registered Park and Garden, Toddington Manor, within 100m to the east of the site boundary, although the report notes that the site itself already consists of industrial buildings. Therefore, this site may have a minor negative effect on the setting of townscape and heritage.

SA Objective 14: Flooding	SA Judgement: + +

Flood Zone 1:	Entirely within Flood Zone 1	+ +
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement: + +

Previously developed land:	On Previously Developed Land	+ +
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land	0
Site size:	Large (i.e. over 5ha)	

Site name: Toddington - Orchard Trading Estate

LUC ID: 299

Area (ha): 6.59

District: Tewkesbury

Objective 16 justification: A large site (7ha) located on land that has been previously developed, and currently used as an Industrial Estate. This site could have major positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site is not classified as contaminated, nor have Tewkesbury Borough Council identified the site as having any concerns over contamination.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the B4077/B4078. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having low potential for rail and/or water transport. However it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: Sites that are within 250m of an industrial estate or known/proposed user of CHP could have a minor positive effect with regards this objective if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this will depend on the nature of the facility that would be developed on the site. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Toddington - Orchard Trading Estate

LUC ID: 299

Area (ha): 6.59

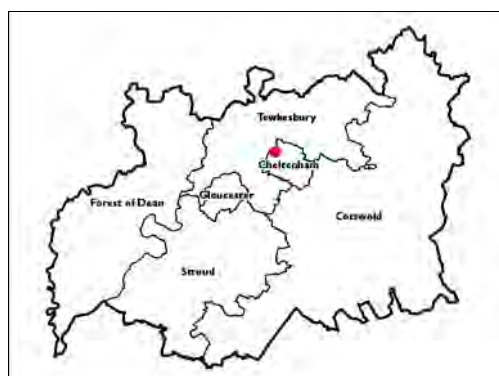
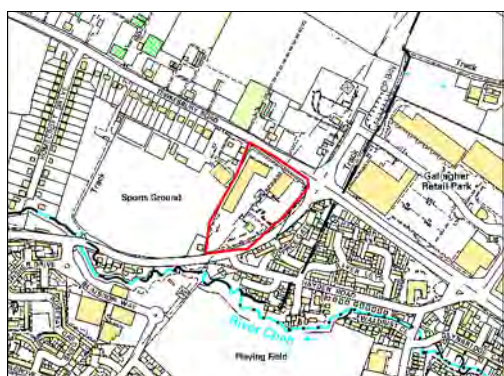
District: Tewkesbury

Site name: Uckington

LUC ID: 300

Area (ha): 2.41

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site within 250m of a number of sensitive receptors including residential properties across the road to the east (Coppice Gate, River Leys, Hayden Road), south west and around Tewkesbury Road to the north and adjoining retail and business premises. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Uckington

LUC ID: 300

Area (ha): 2.41

District: Tewkesbury

Objective 3 justification:	The site is located within 250m of many sensitive receptors which could be negatively affected by noise and vibration from waste traffic movements. This includes residential properties, as well as neighbouring retail outlets (Gallagher Retail Park) and businesses. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.
SA Objective 4: Sustainable economic development	
SA Judgement: 0	
Industrial estates:	Within or adjacent to existing industrial estate 0
Waste Local plan:	More than 250m from Waste Local Plan site 0
Proximity to existing waste facilities:	More than 250m from existing waste management facility 0
Objective 4 justification:	The site currently contains a gym and car showroom in the larger of the two units, while the smaller unit contains a food supermarket, with the remainder of the site being car parking associated with these businesses. The site was listed in Tewkesbury Borough Council's Employment Land Review and has permitted use for B1, and other uses. In view of it being greater than 250m from an industrial estate or existing waste facility, or site allocated in the current Waste Local Plan it would have no effect on this objective.
SA Objective 5: Manage waste in an economically sustainable way	
SA Judgement: 0	
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.
SA Objective 6: Employment opportunities	
SA Judgement: +	
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.
SA Objective 7: Safety of commercial or military aerodromes	
SA Judgement: -?	
Aerodrome safeguarding area:	Within aerodrome safeguarding area -?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.
SA Objective 8: Biodiversity	
SA Judgement: -	
SAC:	More than 500m from SAC 0
SPA:	More than 500m from SPA 0
Ramsar:	More than 500m from Ramsar site 0
National Nature Reserve:	More than 500m from NNR 0

Site name: Uckington

LUC ID: 300

Area (ha): 2.41

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, and BAP Priority Habitats, although some identified BAP Priority species have been identified within 100m of the site boundary around the River Chelt and Hayden Road (e.g. Water vole, and 45 KHz Pipistrelle bat) so there may be some minor negative effects on biodiversity. The GCC Ecology assessment has assessed the site as (0) neutral since the identified ecological constraint could be potentially negative, uncertain or positive and including 250m distant.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Cheltenham Urban and Settled Unwooded Vale landscape character features. Due to the location of the site within an existing small retail park surrounded mainly by commercial and residential properties, as well as some sports facilities, there may be no effects against this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment indicates that the site faces on to the A4019 (Tewkesbury Road) and the B4634 (Old Gloucester Road) and consists of large retail type modern buildings. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	More than 250m from a PROW	0
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Uckington

LUC ID: 300

Area (ha): 2.41

District: Tewkesbury

Objective 11 justification: GCC site assessment confirms there is no footpath through the site, although a PROW runs along the River Chelt beyond the 250m boundary to the south west, and there may be an opportunity for other existing routes to be enhanced. However, there are numerous leisure/recreational facilities within 250m of the site including a sports ground, playing field, club and tennis courts, and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **0**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The site is a developed commercial/retail park and is not within 100m or 250m of cultural assets, although there is evidence for Roman occupation adjacent to the site according to the GCC Archaeology assessment. There should be no effects on these assets.

SA Objective 14: Flooding **SA Judgement:** **0**

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 2 (50% of site) which indicates that the site may have some potential for waste uses through certain conditions (score 0). The site is not expected to have an effect on flood-risk areas, and the assessment notes that although the River Chelt flows to the south of the site in a westerly direction, it does not flow through the site itself.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

Site name: Uckington

LUC ID: 300

Area (ha): 2.41

District: Tewkesbury

SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land		0
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	A small site (2ha) located on land that has been developed, and currently used for retail/commercial uses. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment notes that the site is not classified as being contaminated, nor have Tewkesbury Borough Council identified that they any concerns.		
SA Objective 17: Air quality		SA Judgement:	0
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the A4019, and therefore this site should have a minor positive impact on protecting air quality. However, concerns have been raised by GCC Highways that the site is in close proximity to an existing foodstore (Sainsburys, Tewkesbury Road) and access to trunk roads is not entirely adequate, with a number of accidents in this vicinity of this junction. There is expected to be a negligible impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	-/+
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However, it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	+

Site name: Uckington

LUC ID: 300

Area (ha): 2.41

District: Tewkesbury

Industrial estates:	Within or adjacent to existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

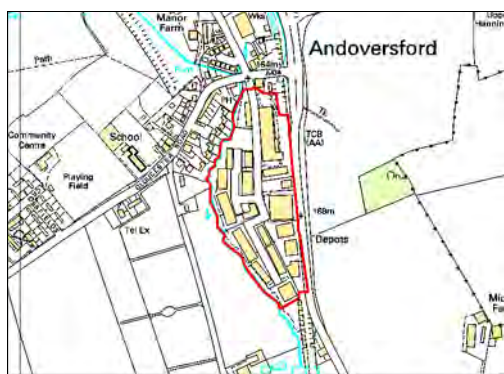
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small retail/business site may offer some positive benefits in relation to this objective.

Site name: Andoversford

LUC ID: 309

Area (ha): 5.38

District: Cotswold



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within 250m of a few sensitive receptors including residential properties directly adjacent and a school to the north west in Andoversford village, as well as Owdeswell Manor to the south. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Andoversford

LUC ID: 309

Area (ha): 5.38

District: Cotswold

Objective 3 justification: The site is located within 100m-250m of a few sensitive receptors including residential properties and a school to the north west of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: The site is within an existing Industrial Estate alongside the A40 and was listed in Cotswold District Council's Employment Land Review, for B1, B2 and B8 uses. It contains a wide range of industrial/business uses, and thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: The site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Key Wildlife Sites: More than 500m from Key Wildlife Sites 0

Site name: Andoversford

LUC ID: 309

Area (ha): 5.38

District: Cotswold

BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The SNA Cotswold Whittington is a Key Wildlife Site that is identified as important for some mammals, birds and plant species, but is more than 990m distant from the site boundary. One BAP Priority species (e.g. Water Vole) has been recorded along the River Colne within 5m of the site boundary to the west. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint greater than 250m distant, and therefore there should be no effects against this objective.	

SA Objective 9: Landscape	SA Judgement: - -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within the Cotswold AONB and contains High Wold landscape character features, thus it could have significant negative effects on landscape. However, this effect is uncertain because this site is also within an existing Industrial Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: - -?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site is situated within the Cotswold AONB, and running alongside the A40 and close to Andoversford village. However, the site is an existing Industrial Estate containing a mixture of uses housed within a variety of metal and brick industrial units. There could be potential for significant negative effect on landscape character and the AONB, however this effect would be uncertain since the site is also within an existing industrial estate.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: +/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW currently within the site, although GIS indicates there are footpaths crossing open fields both to the west and east. The GCC site assessment confirms that there may be potential for existing routes to be enhanced therefore there should be minor positive effects on recreational access. However, the site is within 250m of Andoversford school and grounds to the north, and Owdeswell Manor Stud to the south and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.	

SA Objective 12: Geodiversity	SA Judgement: 0

Site name: Andoversford

LUC ID: 309

Area (ha): 5.38

District: Cotswold

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	0

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Within 100m of a Listed Building	-
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment	0

Objective 13 justification: This site is an existing Industrial Estate but is within 100m or 250m of cultural assets. The GCC Archaeology assessment states that the site has been designated as (0) neutral although it contains evidence for the Roman town of Wycomb, part of which is a Scheduled Monument (within 100-500m of the edge of site boundary) indicating that buried remains may extend into the site. The Royal Oak public house in Andoversford is a Grade II Listed Building, but it is not thought that there will be any setting issues. Since the site is more than 100m from a Scheduled Monument and Listed Building there should be no effects on historic heritage.

SA Objective 14: Flooding	SA Judgement:	0

Flood Zone 1:	Not within Flood Zone 1	+
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	+

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 1, but is affected by Flood Zones 2, 3a and 3b and thus indicates that the site may have some potential for waste uses through certain conditions (score 0), and is not expected to have an effect on flood-risk areas. The GCC Flood assessment notes that the River Colne forms the western boundary of the site, but no historic flood outlines were identified within the SFRA for the river.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	++

Previously developed land:	On Previously Developed Land	++

Site name: Andoversford

LUC ID: 309

Area (ha): 5.38

District: Cotswold

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (5a) located on land that has been developed, and currently used as an Industrial Estate. This site could have minor positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that no information is available in relation to potential contamination.

SA Objective 17: Air quality **SA Judgement:** ++

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as good or high by the GCC Highways assessment as it has good direct access onto the strategic highway network. In addition, it is not within 1km of an AQMA, therefore this site should have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/++

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having low potential for rail and/or water transport but as good in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Within or adjacent to existing industrial estate +

Known/proposed CHP user: Uncertain due to lack of spatial information ?

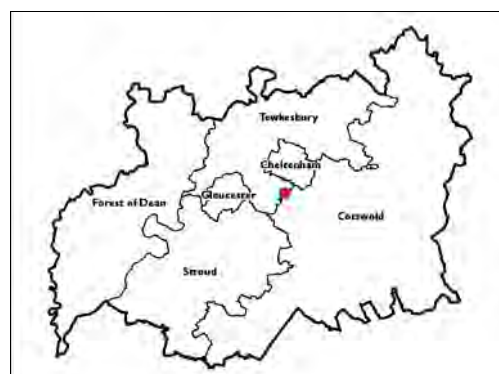
Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Ullenwood

LUC ID: 312

Area (ha): 9.25

District: Cotswold



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A large site partially surrounded by open fields, but which is within 250m of a few sensitive receptors. The GCC site assessment indicates that the main sensitive receptor is Star College, but notes that there are also self-contained holiday cottages within the grounds and a couple of small businesses. In addition Ullenwood Manor Farm and Conference Centre lie just beyond the 250m boundary to the south west. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0

Site name: Ullenwood

LUC ID: 312

Area (ha): 9.25

District: Cotswold

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is located within 100m-250m of a few sensitive receptors which could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the local amenity for the offices and school situated nearby. The site is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: 0
Industrial estates:	Within or adjacent to existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	The GGC site assessment indicates that the site consists of a number of small single storey brick built units containing a mixture of offices and workshops, as well as some concrete garages and sheds to the north west. There are a number of empty units on the site which is approached by a long drive. It was listed in Cotswold District Council's Employment Land Review but since it is not within an existing industrial estate, or within 250m of an existing waste management facility there would be no effect on this objective.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0

Site name: Ullenwood

LUC ID: 312

Area (ha): 9.25

District: Cotswold

National Nature Reserve:	More than 500m from NNR	0
SSSI:	Within 500m of SSSI	-
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:		
Objective 8 justification:	The Crickley Hill and Barrow Wake SSSI is within 295m and Leckhampton Hill and Charlton Kings Common SSSI within 655m of the site thus there is potential for a minor negative effect on biodiversity. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity is potentially negative or uncertain due to the identification of important ecological constraint (e.g. Priority Habitat of lowland mixed deciduous woodland some Priority species e.g. Lesser Horseshoe Bat, Pipistrelle Bat) greater than 250m and up to and including 1km distant.	
SA Objective 9: Landscape		SA Judgement: - -?
Industrial Estates:	Within or adjacent to existing industrial estate	?
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within the Cotswold AONB and contains High Wold landscape character features, thus it could have significant negative effects on landscape. However, this effect is uncertain because this site currently contains a number of other mixed uses, but is not classified as an industrial estate.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes the existing buildings are mainly brick built and single storey. Since the site is within the Cotswold AONB, there may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	

Site name: Ullenwood

LUC ID: 312

Area (ha): 9.25

District: Cotswold

Objective 11 justification: There are no PROW within the site, but there is a footpath running adjacent to the northern boundary along Greenway Lane and to the west of the site. The GCC site assessment confirms that no diversion will be necessary and due to existing footpaths enhancements are unlikely, therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including a cricket ground and club, holiday cottages, and a conference centre. There could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** -

SSSI: Within 500m of SSSI -

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that there are SSSIs with geological features at Crickley Hill and Barrow Wake (295m) and Leckhampton Hill and Charlton Kings Common SSSI (655m). There could be potential for negative effects on this objective.

SA Objective 13: Heritage **SA Judgement:** +

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: According to the GCC Archaeology report the site is within the Ullenwood World War II military camp and hospital containing an important anti-aircraft operations room. In addition other known historic assets include a possible round barrow up to 100m, and two Grade II Listed Buildings (West Lodge, Caretaker's Residence at entrance to Ullenwood Manor) outside the 250m boundary. Therefore, this site should have a minor positive effect on townscape and heritage due to known historic and archaeological assets.

SA Objective 14: Flooding **SA Judgement:** ++

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Ullenwood

LUC ID: 312

Area (ha): 9.25

District: Cotswold

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (9ha) located on land within the Cotswold AONB that has been developed, and currently used for a mixture of business/industrial uses. This site could have major positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via unclassified roads on to the A436. In addition it is within 1km of an AQMA, therefore this site could have a minor negative impact on protecting air quality, although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having low potential for rail and/or water transport. In addition, it has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Within or adjacent to existing industrial estate 0

Site name: Ullenwood

LUC ID: 312

Area (ha): 9.25

District: Cotswold

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

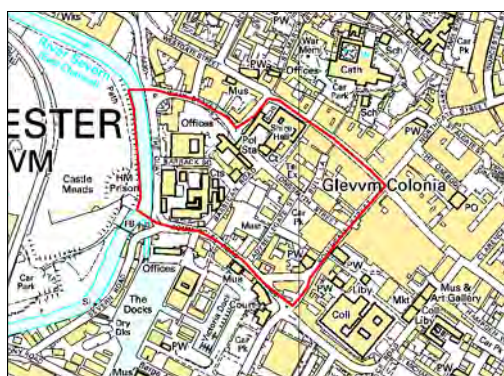
Objective 22 justification:	Since this site is greater than 250m from an industrial estate or known/proposed user of CHP it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Greater Blackfriars

LUC ID: 357

Area (ha): 12.43

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A mixed use area containing many large buildings within central Gloucester and adjoining the River Sever to the west and the Docks beyond. There are numerous sensitive receptors within 250m identified in the GCC site assessment including a small number of residential properties around LadyBellegate Street, the Cathedral, Blackfriars Priory, and up to three other churches, some of which are directly adjacent to the site boundary. Other sensitive receptors within 250m include the County Council offices, Police Station, Prison, Courts and Telephone Exchange and a College. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-

Site name: Greater Blackfriars

LUC ID: 357

Area (ha): 12.43

District: Gloucester

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is located within 100m-250m of many sensitive receptors which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	

SA Objective 4: Sustainable economic development	SA Judgement:	+?

Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	This site consists of a mixed use area containing various uses, including an electricity substation, car parking, restaurants, and numerous public sector buildings (County Council, Police, Prison, Courts), with some parts in urgent need of regeneration according to GCC site assessment. In addition, it has been identified in Gloucester City Council's Employment Land Review, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated close to sources of waste within the city centre. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.	

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement:	0

Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	

SA Objective 6: Employment opportunities	SA Judgement:	++

GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	++
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.	

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement:	-?

Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all buildings and structures, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	

SA Objective 8: Biodiversity	SA Judgement:	0

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0

Site name: Greater Blackfriars

LUC ID: 357

Area (ha): 12.43

District: Gloucester

Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	Within 500m of LNR	-
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Walmore Common SPA/Ramsar/SSSI is located within 8,570m so there are likely to be negligible effects on biodiversity, although the SNA Severn Vale Minsterworth and LNR Alney Island are both within 250m of the site. The more detailed GCC Ecology assessment has scored the site as 0* in relation to Walmore Common SPA/Ramsar/SSSI designation, since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB. Due to the location of the site within an existing mixed use central urban area, there are likely to be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site slopes down towards the docks, with some dilapidated and boarded buildings in the area in need of regeneration. Due to the location bordering the Docks and many important heritage buildings the site may be partially prominent in the surrounding townscape. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by existing development such as industrial warehousing. However, it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-

Site name: Greater Blackfriars

LUC ID: 357

Area (ha): 12.43

District: Gloucester

PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, but the GCC site assessment confirms that no diversion will be necessary and due to existing pedestrian access within the central area of Gloucester enhancements are unlikely, therefore there should be minor positive effects on recreational access. However, there are numerous leisure/recreational and cultural facilities within 250m of the site including Gloucester Cathedral, three churches, a museum, and library, therefore there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	--

Scheduled Ancient Monuments:	Scheduled Ancient Monument present on site	--
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	--
Conservation Areas:	Located within a Conservation Area	--
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)	--
Objective 13 justification:	This site is within an area identified for regeneration and within 100m of numerous cultural and historic assets. The GCC Archaeology assessment has scored the site as as having potentially significant negative effects on the Listed Buildings, Conservation Areas and Scheduled Monuments on, or within 250m of this site. These includes three Conservation Areas (Blackfriars/Greyfriars; Cathedral Precinct/Westgate Street; The Cross), six Grade I Listed Buildings, three Scheduled Ancient Monuments that include Roman remains, and an extensive number of Grade II Listed Buildings. Therefore, this site could have a major negative effect on townscape and heritage, due to proximity to historic assets.	

SA Objective 14: Flooding	SA Judgement:	0

Flood Zone 1:	Not within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0)	0

Site name: Greater Blackfriars

LUC ID: 357

Area (ha): 12.43

District: Gloucester

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 2 and 3a, while the remainder of the site is located within Flood Zone 1. The GCC Flood risk assessment indicates that site may have some potential for waste uses through certain conditions (score 0) and is not expected to have an effect on flood-risk areas. However, the assessment does note that surface water flooding has been recorded along Quay Street.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Gloucester City Council has indicated that development of a waste facility would enable remediation in areas where there were former industrial uses.

SA Objective 17: Air quality **SA Judgement:** 0

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for access on to the Strategic Highway Network via an unclassified road, and the A4301. However, it is within 1km of two AQMA (Barton Street and Priory Road), and therefore the overall impact on protecting air quality would be negligible. This impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for rail and/or water transport, and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if any of these facilities were developed for waste use. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Site name: Greater Blackfriars

LUC ID: 357

Area (ha): 12.43

District: Gloucester

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. In view of the large nature of the site and the potential for regeneration there may be an opportunity for co-location of a waste management facility for CHP. However, since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective.

Site name: Westgate Quay

LUC ID: 359

Area (ha): 2.04

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site backing on to the River Sever East Channel and fronting a large roundabout junction at the bottom of Westgate Street and within 250m of sensitive receptors, although none are directly adjacent to the site. GCC site assessment confirm that these include retirement flats, a training centre, a church and three clubs. GIS analysis indicates that there are also some residential properties within 250m of the site boundary around Clare Street to the east, and Westend Parade to the north west, as well as offices along The Quay and Quay Street. The development of a waste facility could have negative effects on health and well-being for the few properties and other sensitive receptors within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-

Site name: Westgate Quay

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Area (ha): 2.04

District: Gloucester

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is located within 250m of many sensitive receptors, especially to the east and south east of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: 0
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	This small site consists of a mixed use area containing retail sheds and light industry, and according to GCC site assessment includes a petrol station, car sales, accident repair centre, retail outlet and two light industrial companies. The site was listed in Gloucester City Council's Employment Land Review, but is greater than 250m from an industrial estate, existing waste facility or site allocated in the current Waste Local Plan and would therefore have no effect on this objective.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all buildings and structures, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0

Site name: Westgate Quay

LUC ID: 359

Area (ha): 2.04

District: Gloucester

SSSI:	More than 500m from SSSI	0
LNR:	Within 500m of LNR	-
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI), and local conservation designations (including Sud Meadow, Over Ponds Osier Beds, and Sandhurst Lane Meadows) or BAP Priority Habitats. It is within 500m of a Local Nature Reserve (Alney Island) and BAP Priority species have been recorded within 250m at Gloucester Quay and River Severn (e.g. Otter). The GCC Ecology assessment has assessed the site as (0) neutral since the identified ecological constraint could be potentially uncertain or positive and is up to and including 250m distant.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB. Due to the location of the site within an existing mixed use central location, there are likely to be no effects on landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment indicates that this is a small narrow site backing on to the River Severn East Channel and fronting the roundabout junction at the bottom of Westgate Street where it is clearly visible. The buildings on site are a mixture of retail sheds and light industrial type buildings. GIS analysis notes that the site lies across the River Severn East Channel from the main Transforming Station and it may be partially visible further along the river from the Quay. However, it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Westgate Quay

LUC ID: 359

Area (ha): 2.04

District: Gloucester

Objective 11 justification: There are no PROW within the site, but the GCC site assessment confirms that there should be opportunities for existing routes to be enhanced, and this would have minor positive effects on recreational access. However, there are several leisure/recreational and cultural facilities within 250m of the site including a sports club, training centre, three clubs and a museum therefore there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users. Overall there is a mixed effect on cultural and recreational assets.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **-**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: More than 100m from a Conservation Area 0

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: This site is within a small mixed used development, but is within 100m or 250m of cultural assets including two Grade II Listed Buildings (St Bartholomews Almshouses in Lower Westgate Street and the Old Custom House). The GCC Archaeology assessment notes that the site contains evidence of Roman and medieval activity, and has assessed the site as having potentially minor negative effects on these assets.

SA Objective 14: Flooding **SA Judgement:** **--**

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources --

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk. The assessment notes that the site has been affected by fluvial flooding on a number of occasions, most recently to the north of the site during summer 2007.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Westgate Quay

LUC ID: 359

Area (ha): 2.04

District: Gloucester

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (2ha) located on land that has been developed, and currently used as a for mixed uses. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Gloucester City Council has indicated that development of a waste facility would enable remediation in areas where there were former industrial uses.

SA Objective 17: Air quality **SA Judgement:** 0

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium within the GCC Highways assessment as it has reasonable access to the Strategic Highway Network via the A417, and therefore this site should have a minor positive effect on protecting air quality. However, the site is within 1km of two AQMA (Barton Street and Priory Road), and therefore the overall impact impact on protecting air quality would be negligible. This impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

Objective 19 justification: This site has been assessed as having high potential for rail and/or water transport, and thus could have a positive impact on reducing impacts of road traffic to and from the site if any of these facilities were developed for waste use. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Site name: Westgate Quay

LUC ID: 359

Area (ha): 2.04

District: Gloucester

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement:	0

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

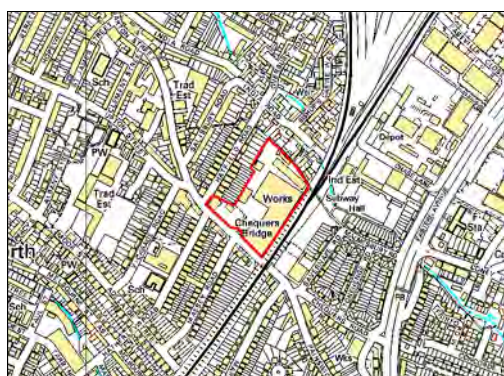
Objective 22 justification: Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Gardner Denver, Barton Street

LUC ID: 370

Area (ha): 2.08

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site described as constrained in GCC site assessment and within 100m-250m of numerous sensitive receptors, mainly residential properties to the north, west and south (including Hatfield Road, Vicarage Road, Massey Road, Savernake Road, Bishop's Castle Way, India Road) as well as a school and a church. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	0
Cumulative impacts on community:	Within 250m of an existing waste management facility	-

Site name: Gardner Denver, Barton Street

LUC ID: 370

Area (ha): 2.08

District: Gloucester

Objective 3 justification: The site is located within 100m-250m of many sensitive receptors, including residential properties on three sides, as well as a school and church. All these sensitive receptors could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 100m-250m of the site. The site is also within 250m of two other waste management facilities so there is likely to be a cumulative effect on the local community from development of this site.

SA Objective 4: Sustainable economic development **SA Judgement:** **+**?

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: Within 250m of an existing waste management facility - -?

Objective 4 justification: This small site is described in GCC site assessment as being the Gardner Denver factory building. It was listed in Gloucester City Council's Employment Land Review, and is within 250m of two neighbouring waste management facilities in an Industrial Estate to the east, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport:

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all buildings and structures, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+**?

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

Site name: Gardner Denver, Barton Street

LUC ID: 370

Area (ha): 2.08

District: Gloucester

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identified ecological constraint being greater than and up to and including 250m distant. There may be potential for positive effects on this objective as there are no locally important sites of nature conservation within 500m.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site adjoins a railway line to the south east boundary, and the GCC site assessment notes that the existing factory building dominates the site and is typical of Gloucester Urban landscape character typology. Due to the location of this small site within an existing factory site, and more than 1km from an AONB, there are likely to be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes the site as being constrained and surrounded by neighbouring residential properties on three sides, and bordering a railway line to the south east. However, the site is an existing factory containing modern industrial buildings and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0

Site name: Gardner Denver, Barton Street

LUC ID: 370

Area (ha): 2.08

District: Gloucester

Objective 11 justification: GCC site assessment notes there is a PROW and GIS analysis confirms the existence of a footpath running to the north and west partially adjoining the site boundary and then crossing the railway line. Therefore, no diversions will be required, but no enhancement are unlikely so there will be no effects on this objective. However, there are leisure/recreational facilities within 250m of the site including a playing field, club, games court and playground and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

RIGGS:	More than 500m from a RIGGS	0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage	SA Judgement:	+

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0

Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0

Listed Buildings:	More than 100m from a Listed Building	0

Conservation Areas:	More than 100m from a Conservation Area	0

World Heritage Sites:	More than 250m from a Registered Battlefield	0

GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	++

Objective 13 justification: This site is within an existing factory site and more than 100m or 250m from known cultural assets. In addition the GCC Archaeology assessment states there is no known archaeology known on the site which has already been developed. Therefore, this site should have a positive effect on townscape and heritage due to known remains, and distance from existing Listed Buildings.

SA Objective 14: Flooding	SA Judgement:	++

Flood Zone 1:	Entirely within Flood Zone 1	0

Flood Zone 2:	Not within Flood Zone 2	N/A

Flood Zone 3:	Not within Flood Zone 3	N/A

GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood assessment. The assessment notes that the River Twyver flows to the north east of the site but does not enter the site itself, and is culverted for much of its length adjacent to the site.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

Site name: Gardner Denver, Barton Street

LUC ID: 370

Area (ha): 2.08

District: Gloucester

SA Objective 16: Soil/land quality		SA Judgement:	+
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV		0
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	A small sized site (2ha) located on land that has been developed, and currently used by an air compressor company . This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, and remediation was carried out on a former engineering works and isolation hospital during the last development.		
SA Objective 17: Air quality		SA Judgement:	-
AQMA:	Within 1km of Air Quality Management Area (AQMA)		-
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via B4073 to reach the A38. Therefore this site could have a minor negative impact on protecting air quality. However, the Highways assessment notes that both the river and rail are nearby and if either of these transport options were to be taken forward for a potential waste management facility there could be potentially positive effects against this objective. Since the site is within 1km of Barton Street AQMA it would also have a minor negative effect on air quality although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage. [Proximity to AQMA still to be assessed]		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	+ +/-
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access		++
Objective 19 justification:	This site has been assessed by GCC Highways as having high potential for sustainable transport. This should have significant positive effects on reducing the impacts of lorry traffic. However it has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		

Site name: Gardner Denver, Barton Street

LUC ID: 370

Area (ha): 2.08

District: Gloucester

SA Objective 22: Adapt to climate change		SA Judgement:	0
Industrial estates:	Not within an existing industrial estate		0
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.		

Site name: Olbas & Helipecs, Sisson Road, Gloucester

LUC ID: 371

Area (ha): 2.9

District: Gloucester



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: GCC site assessment notes that the site is located at the end of a residential road (Sisson Road) backing on to a railway line, and sits between two school playing fields to the west and east. Sensitive receptors within 250m include two schools and residential properties to the north and west (including Sisson End, Meadowleaze, Sisson Road, Windfall Way). The development of a waste facility could have negative effects on health and well-being for the properties and two schools within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Olbas & Helipebs, Sisson Road, Gloucester

LUC ID: 371

Area (ha): 2.9

District: Gloucester

Objective 3 justification: The site is located within 100m-250m of many sensitive receptors, especially to the north and west of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. There is, therefore, potential for negative effects on the amenity of local residents and communities. The site is more than 250m from an existing waste management facility, so there should not be a cumulative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: GCC site assessment notes that it was listed in Gloucester City Council's Employment Land Review, and the site is currently occupied by two businesses. However, this site is not within an existing Industrial Estate nor is it adjacent to a site allocated in the current Waste Local Plan or within 250m of an existing waste management facility, and therefore it would have no effects on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all buildings and structures, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Olbas & Helipebs, Sisson Road, Gloucester

LUC ID: 371

Area (ha): 2.9

District: Gloucester

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Species and Habitats. The GCC Ecology assessment has assessed the site as (+) positive since the overall impact on biodiversity could be potentially uncertain or positive. The identified ecological constraint is greater than 250m and up to and including 1km distant (e.g. Local Nature Reserve, Barnwood Arboretum 850m), and there should be no significant effects on biodiversity.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site adjoins a railway line to the south east boundary and two playing fields to either side, and is more than 1km from the AONB. Due to the location of this small site within an existing factory/business site, there are unlikely to be effects against this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes the site as being located at the end of a residential road, backing on to a railway line and adjoining two school playing fields on each side. However, the site contains two existing businesses within old established tall red brick buildings. There should be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	More than 250m from a PROW	0
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, but the GCC site assessment confirms that there would be an opportunity for existing routes to be enhanced having minor positive effects on recreational access. However, there are several leisure/recreational facilities within 250m of the site including a playground, sportsground, two playing fields and a ten-pin bowling facility. There could be potential	

Site name: Olbas & Helipecs, Sisson Road, Gloucester

LUC ID: 371

Area (ha): 2.9

District: Gloucester

minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

RIGGS:	More than 500m from a RIGGS	0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage	SA Judgement:	0

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0

Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0

Listed Buildings:	More than 100m from a Listed Building	0

Conservation Areas:	More than 100m from a Conservation Area	0

World Heritage Sites:	More than 250m from a Registered Battlefield	0

GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment	0

Objective 13 justification: This site is within an established business/factory site and may provide a setting for remains within 250m of existing development or beyond the site boundary. The GCC Archaeology assessment states there is a Roman field system known from a geophysical survey adjacent to the site, and this may extend into it beneath later development. Therefore, this site should have no effect on these assets.

SA Objective 14: Flooding	SA Judgement:	++

Flood Zone 1:	Entirely within Flood Zone 1	++

Flood Zone 2:	Not within Flood Zone 2	N/A

Flood Zone 3:	Not within Flood Zone 3	N/A

GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	+

Previously developed land:	On Previously Developed Land	+

Site name: Olbas & Helipebs, Sisson Road, Gloucester

LUC ID: 371

Area (ha): 2.9

District: Gloucester

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (3ha) located on land that has been developed, and currently used by Helipeds and a health product company. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, although there is a known site with solvent contamination issues in the vicinity, and development would provide an opportunity for remediation.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via a minor residential road, to the B4073 to reach the A38. Therefore this site could have a minor negative impact on protecting air quality. However, this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +/-

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access ++

Objective 19 justification: This site has been assessed by GCC Highways as having high potential for sustainable transport. This should have significant positive effects on reducing the impacts of lorry traffic. However, it was rated as low in terms of its proximity to the strategic highways network, so the overall effect is mixed,

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Site name: Olbas & Helipebs, Sisson Road, Gloucester

LUC ID: 371

Area (ha): 2.9

District: Gloucester

**Objective 22
justification:**

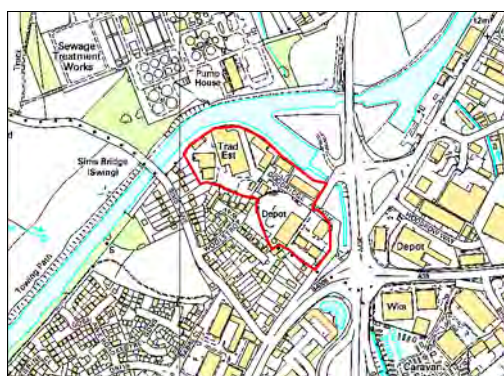
Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Goodridge Trading Estate

LUC ID: 382

Area (ha): 3.89

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site adjoins the Gloucester and Sharpness Canal, and Netheridge Sewage Treatment Works to the north, while the nearest sensitive receptors are residential properties between 100m and 250m of the site boundary to the south (including Woolstrop Way and Sims Lane). The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Goodridge Trading Estate

LUC ID: 382

Area (ha): 3.89

District: Gloucester

Objective 3 justification: The site is located within 250m of existing residential properties, and so there is potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: Within 250m of a WLP site +?

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing small Trading Estate/Business Park containing several small businesses. It is adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all buildings and structures, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Goodridge Trading Estate

LUC ID: 382

Area (ha): 3.89

District: Gloucester

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 15,800m, and thus there is likely to be negligible effects on biodiversity. The more detailed GCC Ecology assessment has scored the site as 0* in relation to the Severn Estuary designation, since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitat Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB. Due to the location of the site within an existing Trading Estate, and more than 1km from an AONB or locally designated landscape of high quality, there are likely to be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	0

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes the site as containing 1960's/1970's red brick buildings, as well as some more modern units. While there are residential properties to the south, the site adjoins the Gloucester and Sharpness Canal to the north and a very busy road junction where three A roads meet, and beyond the canal the sewage treatment plant. Since it is an existing Trading Estate containing modern industrial buildings and due to its location it is unlikely to have any effects on this objective.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Within 250m of PROW	+
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	GCC PROW assessment confirms that there are no footpaths within the site, but there are PROW to the north linking with Sims Bridge and to the south beyond residential housing. There may be the potential to enhance the local footpath network within the area, although there are no existing footpaths on the site, and this could have a minor positive effect on material, cultural and recreational assets.	

Site name: Goodridge Trading Estate

LUC ID: 382

Area (ha): 3.89

District: Gloucester

SA Objective 12: Geodiversity		SA Judgement:	+?
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	The GGT assessment notes that there was a Geological Local Site within 250m of the site (New Cut). This allowed for a temporary exposure to allow re-routing of the canal cutting into the Lower Jurassic 'Charmouth Mudstone Formation'. In addition, a zonal ammonite <i>Asteroceras obstusum</i> , was found on the site. The design of modern waste management facilities is increasingly adopting innovative practice and there may be opportunities to incorporate important geological features within the design of the development. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.		
SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	More than 100m from a Conservation Area		0
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (++) in GCC Archaeology Team site assessment		+ +
Objective 13 justification:	The GCC Archaeology report states that there is no known archaeology on the site which has already been developed, and therefore this should have a positive effect on archaeological heritage and assets.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Site is mainly in Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 1, but affected by Flood Zones 2, 3a and 3b. which has the potential for a minor positive effect on flooding and reduction of risk to public water supply, and scored positively in the Flood risk assessment. The assessment notes that the site lies between the Gloucester and Sharpness Canal and the Daniels Brook, although the brook flows to the east of the site and does not enter the site itself, and is culverted beneath the A430 to the south east of the sitet.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+

Site name: Goodridge Trading Estate

LUC ID: 382

Area (ha): 3.89

District: Gloucester

Previously developed land:	On Previously Developed Land	+
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land	0
Site size:	Small to medium (i.e. less than 5ha)	
Objective 16 justification:	This site could have a minor positive effect on protecting soil/land quality as it is a small site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Gloucester City Council has indicated that development of a waste facility would enable remediation in areas where there were former industrial uses.	

SA Objective 17: Air quality	SA Judgement: +

AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+

GCC strategic highways assessment:

Objective 17 justification:	This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for direct access on to the Strategic Highway Network via the junction to the A38/A430 therefore this site should have a minor positive impact on protecting air quality. In addition, as the site is more than 1km from an AQMA, it is expected to have a positive impact on air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality	SA Judgement: 0

Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic	SA Judgement: + +

GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access	+

Objective 19 justification:	This site has been assessed by GCC Highways as having high potential for sustainable transport. This should have significant positive effects on reducing the impacts of lorry traffic. In addition, the GCC Highways assessment scored the site as medium in terms of its proximity to the strategic highways network, so the overall effect on this objective is expected to be positive.

SA Objective 20: Promote the waste hierarchy	SA Judgement: +

Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials	SA Judgement: +

Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: +?

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Site name: Goodridge Trading Estate

LUC ID: 382

Area (ha): 3.89

District: Gloucester

**Objective 22
justification:**

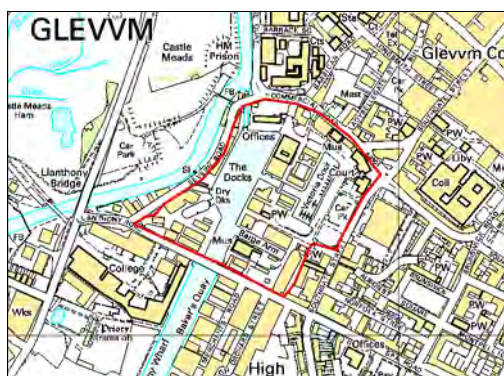
The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to locate a waste management process on an existing small Trading Estate may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: The Docks, Gloucester

LUC ID: 388

Area (ha): 9.98

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site contains the Historic Victoria Dock, Main Dock, working Dry Dock and Barge Arm and is bounded by Southgate Street, Commercial Road, Severn Road and Llanthony Road (with rising bridge), according to the GCC site assessment. The entire site is a regeneration area and there are increasing numbers of residential flats housed within listed brick warehouses, and developing areas of residential and retail at Gloucester Quays development. There are numerous sensitive receptors within 250m identified in the GCC site assessment including the residential properties already described, the Docks offices, City Council offices, and many small businesses, as well as four churches, and Gloucester Prison to the north of the site. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-

Site name: The Docks, Gloucester

LUC ID: 388

Area (ha): 9.98

District: Gloucester

Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is located within 100m-250m of many sensitive receptors including residential properties in converted warehouses, the Dock offices, City Council offices, many small businesses, four churches, and Gloucester Prison to the north of the site. All of these receptors could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: 0
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	The site is a working dry dock (T Nielson and Company), contains boat moorings, an antiques centre, the City Council offices, and small businesses and charities, as well as some limited retail outlets and restaurants, and is within a major regeneration area. In addition, it has been identified in Gloucester City Council's Employment Land Review. However, the site is more than 250m from existing waste management facilities and although the dock contains industrial activities, the site is not classified as an industrial estate. Therefore there may be no effects on this objective.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport for all buildings and structures, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0

Site name: The Docks, Gloucester

LUC ID: 388

Area (ha): 9.98

District: Gloucester

Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	Within 500m of LNR	-
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	
BAP habitat:	More than 500m from BAP Habitat	
Ancient woodland:	More than 500m from Ancient Woodland	0

GCC ecology assessment:

Objective 8 justification: The Walmore Common SPA/Ramsar/SSSI is located within 8,193m and the Severn Estuary SAC/SPA/Ramsar/SSSI within 13,100m of the site thus there is likely to be negligible effects on biodiversity. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation to Walmore Common designation, since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.

SA Objective 9: Landscape **SA Judgement:** **0**

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB. Due to the location of the site within a historic working dock complex there are unlikely to be effects against this objective.	

SA Objective 10: Screening and/or innovative design **SA Judgement:** **+?**

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that there are increasing numbers of listed brick warehouses being converted to new flats, but much of the Victoria and Main Dock are working dry docks with a traditional industrial appearance. Due to the location bordering the Docks and many important heritage buildings the site may be partially prominent in the surrounding townscape. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads and the river, but may be screened by existing development such as industrial warehousing. However, it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** **+/-**

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-

Site name: The Docks, Gloucester

LUC ID: 388

Area (ha): 9.98

District: Gloucester

PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, but the GCC site assessment confirms that there is a presence of PROW network and there will be an opportunity for existing routes to be enhanced. This would have a minor positive effect on recreational access. However, the site is within 250m of four churches, a bowling green and two clubs according to GCC site assessment, and there are two museums and boat moorings within 100m of the site boundary so there is the potential for a major negative effect on material, cultural and recreational assets.	

SA Objective 12: Geodiversity	SA Judgement: 0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement: - -

Scheduled Ancient Monuments:	Within 100m of a Scheduled Ancient Monument	-
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	- -
Conservation Areas:	Within 100m of a Conservation Area	- -
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)	- -
Objective 13 justification:	The site is within an area identified for regeneration and within 100-250m of numerous historic assets. It lies within two Conservation Areas (The Docks and Brunswick Square) containing up to thirty Grade II Listed Buildings, including the Mariners Church, Gloucester Dock Warehouse, the City Flour Mills, and all the named warehouses, as well as the Dock Company offices. The GCC Archaeology assessment has scored the site as as having potentially significant negative effects on these Listed Buildings and Conservation Areas. Therefore, this site could have a major negative effect on townscape and heritage, due to proximity to historic assets.	

SA Objective 14: Flooding	SA Judgement: 0

Flood Zone 1:	Partially within Flood Zone 1	+
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	- -
GCC flood assessment:	GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0)	0

Site name: The Docks, Gloucester

LUC ID: 388

Area (ha): 9.98

District: Gloucester

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 2 subject to historical flood risk, while the eastern side of the site is fully in Flood Zone 1 and would be suitable for development. The GCC Flood risk assessment indicates that site may have some potential for waste uses through certain conditions (score 0) and is not expected to have an effect on flood-risk areas.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Gloucester City Council has indicated that the former dockyards and timber yards have mostly been remediated and regenerated so development would have no effects.

SA Objective 17: Air quality **SA Judgement:** 0

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for access on to the Strategic Highway Network via a minor road, the A4301/A430 and would therefore have minor positive effects on air quality. However, the site is also within 1km of two AQMA (Barton Street and Priory Road), and therefore the overall impact on protecting air quality would be negligible. This impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** ++

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access ++

Objective 19 justification: This site has been assessed as having high potential for both rail and water transport. The site could therefore have a major positive impact on reducing impacts of road traffic to and from the site if developed for a waste use. In addition, it has been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Site name: The Docks, Gloucester

LUC ID: 388

Area (ha): 9.98

District: Gloucester

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. In view of the large nature of the site and the potential as an identified regeneration area there may be an opportunity for co-location of a waste management facility for CHP. However, since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective.

Site name: Eastbrook Road Trading Estate, Eastern Avenue

LUC ID: 389

Area (ha): 5.67

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A medium sized site which is within 250m of sensitive receptors including a few residential properties to the north along York Road. GCC site assessment notes that the site borders a Homebase store to the south west, as well as a KFC restaurant, and is situated alongside the A38 to the east, and a playing field to the south east. There is also a crematorium and cemetery to the south west beyond Metz Way but still within the 250m boundary. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Site name: Eastbrook Road Trading Estate, Eastern Avenue

LUC ID: 389

Area (ha): 5.67

District: Gloucester

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is located within 250m of a few sensitive receptors including residential properties and a crematorium which could be negatively affected by noise and vibration from waste traffic movements. There are other existing waste management facilities in this area, but since they are more than 250m from the site there is unlikely to be a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Waste Local plan:	More than 250m from Waste Local Plan site	+
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	This site is within an existing well established Trading Estate according to GCC site assessment containing a wide range of retail, business and light industrial uses with few vacant units. The site was listed in Gloucester City Council's Employment Land Review and has permitted use for B1, B2 and B8 uses. It is also adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: + +
GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+ +
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: +
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0

Site name: Eastbrook Road Trading Estate, Eastern Avenue

LUC ID: 389

Area (ha): 5.67

District: Gloucester

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI) nature conservation designations, or BAP Priority Species and Habitats. The nearest Local Nature Reserve (Barnwood Arboretum) is over 590m thus there should be negligible effects on biodiversity. The GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identified ecological constraint being greater than 250m, and up to and including 1km distant. There may be potential for positive effects as there are no locally important sites of nature conservation within 500m.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB. Due to the location of the site within an existing Trading/Industrial Estate, there are likely to be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes the site as sloping, and it adjoins the junction from Metz Way, and there is also access off Eastern Avenue/York Road. There are neighbouring residential properties within 100m to the north, and a large retail store to the south west, with a playing field to the south east. However, the site is an existing Trading Estate containing existing retail, business and light industrial uses and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+

Site name: Eastbrook Road Trading Estate, Eastern Avenue

LUC ID: 389

Area (ha): 5.67

District: Gloucester

GCC PROW assessment: Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: There are no PROW within the site, but the GCC site assessment confirms that there are footpaths within the area and there may be opportunity for enhancements to existing routes, therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including two clubs and a playground, as well retail outlets so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** +

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: This site is within an existing Trading Estate and more than 100m or 250m from cultural assets. In addition the GCC Archaeology assessment notes that the site contains the fieldname "Windmill Field" which may suggest the site of a former windmill. Therefore, this site should have a minor positive effect on townscape and heritage due to the known background of the site.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment + +

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment. The assessment notes that an unnamed drain is culverted beneath the A38 on the northern boundary of the site, and an FRA would be required to investigate the affect of the culvert if the site were to be considered for a waste management facility.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Eastbrook Road Trading Estate, Eastern Avenue

LUC ID: 389

Area (ha): 5.67

District: Gloucester

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Gloucester City Council has indicated that various current and former industrial factory uses may require remediation. The development of a waste facility would enable remediation in areas where there were former industrial uses.

SA Objective 17: Air quality **SA Judgement:** 0

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has close access to the A38 and therefore should have a minor positive impact on protecting air quality. However, the site is also within 1km of an AQMA, and therefore the overall impact on protecting air quality would be negligible. This impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: The site has been assessed by GCC Highways as having medium potential for sustainable transport. This should have minor positive effects on reducing the impacts of lorry traffic. In addition, it has been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Site name: Eastbrook Road Trading Estate, Eastern Avenue

LUC ID: 389

Area (ha): 5.67

District: Gloucester

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: +

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing large Trading Estate may offer some positive benefits in relation to this objective in view of proximity to a site allocated in the current Waste Local Plan.

Site name: Gloucester Road - Travis Perkins

LUC ID: 409

Area (ha): 3.53

District: Cheltenham



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site is within 250m of a number of sensitive receptors. These include residential properties within 100m of the southern boundary (Gloucester Road) and the northern boundary (Malvern Road) as well as properties within 250m (Eldorado Crescent/Road,) to the south. The GCC site assessment notes that there are also two schools and three churches nearby. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Gloucester Road - Travis Perkins

LUC ID: 409

Area (ha): 3.53

District: Cheltenham

Objective 3 justification: The site is located within 250m of sensitive receptors, including residential properties within 100m of the site boundary, two schools and three churches which could all be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is currently occupied by Travis Perkins and Honda car sales, and has been listed in Cheltenham Borough Council's Employment Land Review. However, the site appears to be within the 250m boundary of the neighbouring Lansdown Industrial Estate. However, the site is not within 250m of an existing waste facility or site allocated in the current Waste Local Plan and is therefore unlikely to have any effects on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **++**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. ++

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Gloucester Road - Travis Perkins

LUC ID: 409

Area (ha): 3.53

District: Cheltenham

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI) nature conservation designations, or BAP Priority Species and Habitats. The nearest Local Nature Reserve (Griffiths Avenue) is over 730m thus there should be negligible effects on biodiversity. The GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identified ecological constraint being greater than 250m, and up to and including 1km distant. There may be potential for positive effects on biodiversity as there are no locally important sites of nature conservation within 500m.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB, and contains Cheltenham Urban landscape character features. The site is used for car sales and building supplies and borders an old railway line and playing fields to the south east. Since it is more than 1km from an AONB and is currently used for business and light industrial use there may be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment describes the site as being open with a few trees. There are neighbouring residential properties to the north and south, and an old railway line and playing fields to the south east. It may be partially prominent in the landscape, for example, be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development such as industrial warehousing. There may be potential for minor negative effects against this objective, but this remains uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

However, the site is an existing Trading Estate containing existing retail, business and light industrial uses and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Site name: Gloucester Road - Travis Perkins

LUC ID: 409

Area (ha): 3.53

District: Cheltenham

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, but the GCC site assessment confirms that there is a footpath to the north of the site, and there may be an opportunity for enhancements to existing routes, therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including a games court and school playing field so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	-

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Within 100m of a Listed Building	-
Conservation Areas:	Within 100m of a Conservation Area	-
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment	-
Objective 13 justification:	The site is used for retail and light industrial use and is within 100m-250m of cultural assets, including the Midland Goods Shed (Listed Building DL), and the disused GWR Cheltenham and Honeybourne Railway. The more detailed GCC Archaeology assessment notes that the site is adjacent to the Cheltenham Conservation Area, and although shielded by trees and within an area developed for industrial buildings, there is the potential for minor negative effects on the setting of numerous Listed Buildings within the Conservation Area. However, the assessment notes that without the Conservation Area designation this site would not have been scored as having a potentially negative effect.	

SA Objective 14: Flooding	SA Judgement:	++

Flood Zone 1:	Entirely within Flood Zone 1	++
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	++

Site name: Gloucester Road - Travis Perkins

LUC ID: 409

Area (ha): 3.53

District: Cheltenham

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+**

Previously developed land: On Previously Developed Land **+**

Agricultural land classification: Not within Grades 1, 2 or 3 BMV **0**

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (4ha) located on land that has been developed, and currently used for retail/industrial purposes. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land. Cheltenham Borough Council identified the site adjoining area as being of potential concern, and no remediation proposals have been considered and therefore and re-development would offer a viable opportunity for this work to take place.

SA Objective 17: Air quality **SA Judgement:** **+**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) **+**

GCC strategic highways assessment: **+**

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable access via the B4633, A40/A4019 to the Strategic Highway Network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **+**

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport **+**

Objective 19 justification: This site has been assessed by GCC Highways as having medium potential for sustainable transport. This should have a minor positive effect on reducing the impacts of lorry traffic. In addition, it has been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** **+**

Site name: Gloucester Road - Travis Perkins

LUC ID: 409

Area (ha): 3.53

District: Cheltenham

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement:	0

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification: Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Blaisdon Way

LUC ID: 411

Area (ha): 2.84

District: Cheltenham



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site within 250m of a number of sensitive receptors including residential properties directly adjacent to the west/south west (Kingfisher Drive, Rosebay Gardens) and to the north east (Coppice Gate, Hayden Road) beyond a playing field. There is also a school beyond the 250 boundary. According to the GCC site assessment some new housing is taking place in the area. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Blaisdon Way

LUC ID: 411

Area (ha): 2.84

District: Cheltenham

Objective 3 justification: The site is located within 100m-250m of sensitive receptors, including residential properties to west/south west and north east of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Within or adjacent to existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: The site consists of a mixed uses including a car showroom, vehicle repairs and a fleet vehicle depot, and has been listed in Cheltenham Borough Council's Employment Land Review. However, since the site is greater than 250m from an industrial estate, existing waste facility or site allocated in the current Waste Local Plan it would have no effect on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Blaisdon Way

LUC ID: 411

Area (ha): 2.84

District: Cheltenham

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA), national (NNR, SSSI), or local nature conservation designations, or BAP Priority Habitats thus the overall impact on biodiversity should be negligible, although BAP Priority species (e.g. Water Vole) have been recorded on the River Chelt adjoining the site boundary. The GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive due to the identified ecological constraint being greater than 250m distant and has scored the site as neutral (0).	

SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within, or adjacent to an AONB, and has been classified as being typical of Cheltenham Urban landscape character features. Due to the location of the site within an existing small Trading/Industrial Estate and distance from an AONB, there are likely to be no effects against this objective.	

SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes this small site (3ha) as containing four modern large industrial units for the size of the site which are accessed from the B4634 (Old Gloucester Road). In view of proximity to existing residential properties and planned new housing, as well as open playing fields and sports grounds to the north and east the site may be partially prominent in the landscape. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by existing development such as industrial warehousing, and may have a minor negative effect on this objective.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Blaisdon Way

LUC ID: 411

Area (ha): 2.84

District: Cheltenham

Objective 11 justification: There are no PROW within the site, and there is potential for enhancement to the existing local network according to GCC site assessment which could have a minor positive effect on recreational access. However, there are leisure/recreational facilities within 250m of the site including a sports ground, tennis courts, playing field and playground so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **+**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment + +

Objective 13 justification: This site is within an existing business/industrial site and more than 100m or 250m from known cultural assets. In addition, the GCC Archaeology assessment states that previous development is known to have removed archaeological deposits from all or part of the site. There is a possible site of Bar Bridge (SMR) on the site, but the status of this is not clear, and it may be on the road forming the northern boundary of the site. Therefore, this site should have a positive effect on archaeology and heritage due to known remains.

SA Objective 14: Flooding **SA Judgement:** **-**

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: Scored as a negative (-) in the GCC flood risk site assessment -

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 3a which has the potential for a minor negative effect on flooding and reduction of risk to public water supply, and scored negatively in the assessment, due to historical flood risk and potential flood risk from the River Chelt which flows along the northern boundary of the site. The assessment notes that Historic Flood Outlines for the July 2007 event indicate that approximately one third of the site was affected by flooding from the watercourse, mainly in the north east of the site.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Blaisdon Way

LUC ID: 411

Area (ha): 2.84

District: Cheltenham

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (3ha) located on land that has been developed, and currently used for business/industrial uses. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, and Cheltenham Borough Council have no additional information available.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium within the GCC Highways assessment as it has reasonable access to the Strategic Highway Network via the B4634/A4019. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However, it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Site name: Blaisdon Way

LUC ID: 411

Area (ha): 2.84

District: Cheltenham

Industrial estates:	Within or adjacent to existing industrial estate	0
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.	

Site name: Lansdown and surrounding Industrial Estates

LUC ID: 415

Area (ha): 11.53

District: Cheltenham



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A site which is split down the middle by the main railway line and within 250m of numerous sensitive receptors. These include residential properties within 100m-250m on all sides of the site, and described in the GCC site assessment as being a high density housing area. Other sensitive receptors within 250m include a school two churches, and the main Cheltenham railway station. Development of a waste facility on the site could have the potential for negative effects on health and well-being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Lansdown and surrounding Industrial Estates

LUC ID: 415

Area (ha): 11.53

District: Cheltenham

Objective 3 justification: The site is located within 250m of numerous existing residential properties, a school, two churches and the railway station so there is potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**

Waste Local plan: More than 250m from Waste Local Plan site **0**

Proximity to existing waste facilities: More than 250m from existing waste management facility **0**

Objective 4 justification: This site is within an existing large Industrial Estate which contains a wide range of business and industrial uses including a Stagecoach Depot, design, instrument, toy making and engineering firms. It has been listed in Cheltenham Borough Council's Employment Land Review but is not adjacent, or within 250m of an existing waste facility or Waste Local Plan site. However, since it is an Industrial Estate there may be potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport:

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area **-?**

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

Site name: Lansdown and surrounding Industrial Estates

LUC ID: 415

Area (ha): 11.53

District: Cheltenham

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	Within 500m of LNR	-
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI) conservation designations, but within 400m of a Local Nature Reserve (Griffiths Avenue), thus there is likely to be negligible effects on biodiversity. However, the more detailed GCC Ecology assessment has assessed the site as (0) neutral since the overall impact on biodiversity could be potentially negative, uncertain or positive, and since the identified ecological constraint is up to and including 250m distant.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Cheltenham Urban landscape character features. It is more than 1km from an AONB, and due to the location of the site within an existing large Industrial Estate, there are unlikely to be effects on landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes the site as being split into two areas divided by the main railway line and containing a mixture of buildings both in terms of size and age. The surrounding area is a high density residential area and is within 250m of the main station. However, the site is an existing large Industrial Estate and therefore positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	More than 250m from a PROW	0

Site name: Lansdown and surrounding Industrial Estates

LUC ID: 415

Area (ha): 11.53

District: Cheltenham

GCC PROW assessment: Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: There are no PROW within the site, but the GCC site assessment confirms there are footpaths beyond the 250m boundary to the east, and there may be opportunity for enhancements to this and other existing routes. Therefore there should be minor positive effects on recreational access. However, there are several leisure/recreational facilities within 250m of the site including St George's Centre, a playing field and sports ground so there could be potential minor negative effects on leisure and recreational activities assets in the County by making these facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: More than 100m from a Conservation Area 0

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: The site is within an existing large Industrial Estate and is within 100m-250m of known historic assets, and these include two Grade II Listed Buildings in Alstone Lane to the north of the site. The more detailed GCC Archaeology assessment states the setting of these listed buildings may be at risk, although the report acknowledges that later industrial development may already have affected this. Therefore, this site could have a minor negative effect on townscape and heritage, due to proximity to listed buildings, although the site is more than 100m from Cheltenham Conservation Area.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: This site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored positively in the GCC Flood risk assessment. The assessment notes that there are no records of historical flooding, and the site is mainly in Flood Zone 1, but affected by Flood Zones 2, 3a and 3b, but there has been a recorded incident of flooding from artificial drainage sources to the north of Alstone Lane, and to the east of the

Site name: Lansdown and surrounding Industrial Estates

LUC ID: 415

Area (ha): 11.53

District: Cheltenham

site along Pates Avenue.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Cheltenham Borough Council has indicated that development of a waste facility would offer a viable opportunity for remediation.

SA Objective 17: Air quality	SA Judgement:	+

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the B4633, A40/A4019 and thus this site should have a minor positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

[Proximity to AQMA still to be assessed]

SA Objective 18: Water quality	SA Judgement:	0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic	SA Judgement:	++

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access ++

Objective 19 justification: This site has been assessed by GCC Highways as having high potential for sustainable transport. This should have significant positive effects on reducing the impacts of lorry traffic. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy	SA Judgement:	+

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials	SA Judgement:	+

Site name: Lansdown and surrounding Industrial Estates

LUC ID: 415

Area (ha): 11.53

District: Cheltenham

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: +?

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

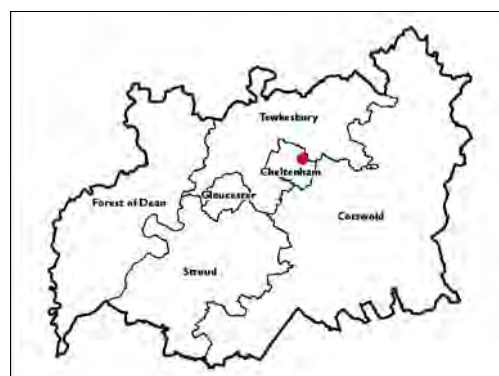
Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing large Industrial Estate may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Bouncers Lane, Premiere Products

LUC ID: 417

Area (ha): 3.2

District: Cheltenham



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site within 250m of many sensitive receptors including residential properties closely surrounding the site on three sides to the west, north and south, a school and community centre, and to the east a crematorium and church. The development of a waste facility could have significant negative effects on health and well-being for the sensitive receptors within 250m of the site.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Bouncers Lane, Premiere Products

LUC ID: 417

Area (ha): 3.2

District: Cheltenham

Objective 3 justification: The site is located within 100m-250m of many sensitive receptors, including residential properties on three sides, a school, and two chapels and crematorium. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 100m-250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Within or adjacent to existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This small site has permitted use for B2 business use, and is listed in Cheltenham Borough Council's Employment Land Review. However, it is not located within an existing Industrial Estate, or in proximity of existing waste management facilities, nor is it adjacent to a site allocated in the current Waste Local Plan, so there are likely to be no effects on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Bouncers Lane, Premiere Products

LUC ID: 417

Area (ha): 3.2

District: Cheltenham

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	There are no international (SAC, RAMSAR, SPA), national (NNR, SSSI) or local nature conservation designations or BAP Priority Species and Habitats within 500m of the site. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important ecological constraint greater than 250m, and up to and including 1km distant. There is therefore potential for a minor positive effect on this objective. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	?
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 500m from the Cotwold AONB, thus it could have minor negative effects on landscape. However, this effect is uncertain because this site is also within a site currently allocated for business use, but not a designated industrial estate.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	There is no description of the site location available but the GCC site assessment photograph shows that the buildings on site are brick built and modern. GIS analysis shows that the site is within a built up urban location, and surrounded by roads on three sides. However, to the east the site adjoins a cemetery and garden of remembrance, and may be partially visible, although there is some screening by trees along the site boundary. In view of the proximity to the AONB, and the site not being a designated Industrial Estate there may be minor negative effects against this objective. However, the site is an existing factory containing modern industrial buildings and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	More than 250m from a PROW	0

Site name: Bouncers Lane, Premiere Products

LUC ID: 417

Area (ha): 3.2

District: Cheltenham

GCC PROW assessment: Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: There are no PROW within the site according to GCC site assessment, and GIS analysis confirms that there are footpaths beyond the 250m boundary to the north, south and east. The site assessment notes that there may be opportunity for enhancements to existing routes, therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including a youth and community centre so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: Within a Historic Park or Garden - -

Listed Buildings: Listed Building present on site - -

Conservation Areas: More than 100m from a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is currently occupied by B2 business uses and is within 100m to 250m from cultural assets. The GCC Archaeology assessment states that the site has been scored as significant negative (--) as it contains Listed Buildings (a tomb, the Lodge, and two cemetery chapels) and the southern boundary of the site forms part of a Registered Park and Garden (Gd II), known as Bouncer's Lane Cemetery. The assessment indicates there is also some uncertainty on the proximity of the site to Prestbury Conservation Area which may be within 500m. Therefore, this site may have a significant negative effect on the setting of a Registered Park and Garden and listed buildings.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Site name: Bouncers Lane, Premiere Products

LUC ID: 417

Area (ha): 3.2

District: Cheltenham

Objective 14 justification: This site has the potential for a positive effect on prevention of flooding and reduction of risk to public water supply as it is predominantly within Flood Zone 1, but affected by Flood Zones 2, 3a and 3b and scored positively in the GCC Flood risk assessment. The assessment notes that the Wymans Brook Tributary flows through the southern extent of the site, and if the site were to be considered for a waste management facility a FRA should be considered due to residual risk from the culvert.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (3ha) located on land that has been developed, and currently used for business uses. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, and re-development would offer a viable opportunity for remediation.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via Bouncer's Lane, B4075, and A435. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA, and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having low potential for rail and/or water transport. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Bouncers Lane, Premiere Products

LUC ID: 417

Area (ha): 3.2

District: Cheltenham

SA Objective 21: Use of primary materials	SA Judgement: +

Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: 0

Industrial estates:	Within or adjacent to existing industrial estate	0

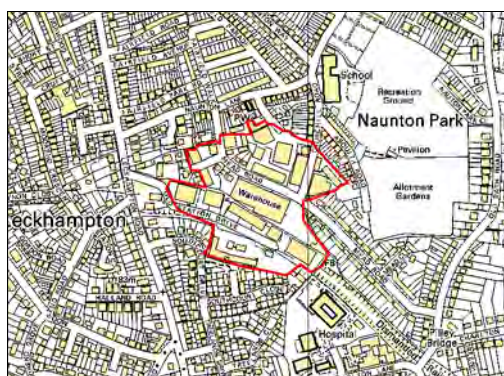
Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification:	Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Maida Vale Business Centre, Liddington Trading Estate/Churchill Trading Estate/Mead Road **LUC ID:** 418

Area (ha): 6.59

District: Cheltenham



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Within 250m of a hospital	-?
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site is within a residential area of Leckhampton and within 250m of many sensitive receptors. These include residential properties within 100m-250m all around the site and adjoining the boundary, a hospital and surgery to the south east, and a school to the north. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Within 250m of a hospital	-
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Maida Vale Business Centre, Liddington Trading Estate/Churchill Trading Estate/Mead Road **LUC ID:** 418
Area (ha): 6.59

District: Cheltenham

Objective 3 justification: The site is located within 100m-250m of many sensitive receptors in a residential area of Leckhampton, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: GCC site assessment notes that this site comprises of four separate estates, with Maida Vale and Churchill being relatively new estates and Mead Road and Liddington Trading Estate being older established business/industrial estates. They contain a range of business uses including internet books and publishing, toycentre, removals, audio visual production, builders merchant, and other light industrial uses. The site was listed in Cheltenham Borough Council's Employment Land Review and has permitted use for B1/B2/SG. Although the estates are more than 250m from an existing facility or Waste Local Plan site, there may be potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **++**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. ++

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

Site name: Maida Vale Business Centre, Liddington Trading Estate/Churchill Trading Estate/Mead Road **LUC ID:** 418
Area (ha): 6.59

District: Cheltenham

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	There are no identified international (SAC, RAMSAR, SPA) national (NNR, SSSI) or local nature conservation designations (KWS, LNR) or BAP Habitats within 500m of the site. The more detailed GCC Ecology report notes that there are some BAP Priority species (e.g. Slow Worm and Lasiommata megera [Wall]) within 185-500m thus there are potentially negative, uncertain or positive effects on biodiversity. The assessment also notes that the overall impact on biodiversity is potentially negative, uncertain or positive due to the identified ecological constraint being up to and including 250m distant and has scored the site as (0) since there should be no effect on biodiversity.	

SA Objective 9: Landscape	SA Judgement: -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 1km from the Cotswold AONB, thus it could have minor negative effects on landscape due to proximity to the AONB. However, this effect is uncertain since the site is within an existing Business/Trading Estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes two of the four separate areas that make up this site as being relatively new estates (Maida Vale and Churchill Trading Estates) while the units on Mead Road and Liddington are more traditional style industrial estates. The entire site is bordered by residential properties and may be visible from Naunton Park/Recreation Ground to the east. However, the site is an existing Business/Trading Estates containing industrial style units therefore positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: +/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--

Site name: Maida Vale Business Centre, Liddington Trading Estate/Churchill Trading Estate/Mead Road **LUC ID:** 418
Area (ha): 6.59

District: Cheltenham

GCC PROW assessment: Identified as having an impact on the PROW network with some minor re-routing required. 0

Objective 11 justification: There are two PROW crossing the site from the north linking with other footpaths to the south and east through residential areas. The GCC site assessment notes that a diversion may be necessary, but no enhancements are likely therefore this should have no effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including allotments gardens, and the Naunton Park recreation ground and a dismantled railway adjoins the site (although it is not known if this is available for recreational access) there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: This site consists of four separate areas defined as one Trading/Industrial Estate for this assessment. The site is within 100m of the Cheltenham Conservation Area to the west according to the detailed GCC Archaeology assessment, and is the reason for the minor negative effect scored against this objective due to potential impact on the setting, although the report notes that the site is already affected by industrial development. Roman and Prehistoric finds made from this site may indicate that there are no surviving remains. Therefore, this site could potentially have a minor negative effect on townscape and heritage, due to proximity to Cheltenham Conservation Area.

SA Objective 14: Flooding **SA Judgement:** ++

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment.

Site name: Maida Vale Business Centre, Liddington Trading Estate/Churchill Trading Estate/Mead Road **LUC ID:** 418
Area (ha): 6.59
District: Cheltenham

SA Objective 15: Prevent pollution		SA Judgement: N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	
SA Objective 16: Soil/land quality		SA Judgement: + +
Previously developed land:	On Previously Developed Land	+ +
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV	0
Site size:	Large (i.e. over 5ha)	
Objective 16 justification:	This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Cheltenham Borough Council has indicated that development of a waste facility would offer a viable opportunity for remediation.	
SA Objective 17: Air quality		SA Judgement: -
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via minor roads to reach the A46. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: -
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport	-
Objective 19 justification:	The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	

Site name: Maida Vale Business Centre, Liddington Trading Estate/Churchill Trading Estate/Mead Road **LUC ID:** 418
Area (ha): 6.59

District: Cheltenham

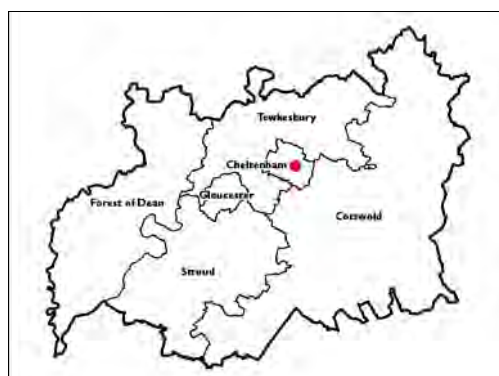
SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process next to four existing Industrial/Trading estates may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site.	

Site name: Battledown Industrial Estate, Hales Road

LUC ID: 420

Area (ha): 4.26

District: Cheltenham



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site within a small Industrial Estate is within 250m of numerous sensitive receptors, mainly residential properties which directly surround the site on three sides, as well as a nursery and school to the north. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Battledown Industrial Estate, Hales Road

LUC ID: 420

Area (ha): 4.26

District: Cheltenham

Objective 3 justification: The site is located within 250m of many sensitive receptors since it is in the middle of a residential area, and close to a school and nursery to the north of the site which could all be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing Industrial Estate and according to GCC site assessment uses include van sales, accident repair, kitchen/bathroom workshop, car sales, and some vacant sites. In addition, the site has been listed in Cheltenham Borough Council's Employment Land Review so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **++**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. ++

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

Site name: Battledown Industrial Estate, Hales Road

LUC ID: 420

Area (ha): 4.26

District: Cheltenham

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	There are no identified international (SAC, RAMSAR, SPA) national (NNR, SSSI) or local nature conservation designations (KWS, LNR) or BAP Habitats within 500m of the site. The more detailed GCC Ecology report notes that there is a BAP Priority species (Common Toad) within 180-500m of Battledown. However, the GCC Ecology assessment notes that the overall impact on biodiversity is potentially uncertain or positive due to the identified ecological constraint being greater than 250m, and up to and including 1km distant. There may be potential for positive effects as there are no locally important sites of nature conservation within 500m.	

SA Objective 9: Landscape	SA Judgement:	-?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 650m from the Cotwold AONB, with potential for negative effects but the site is within an existing industrial estate, therefore such effects are uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	0

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that this site is surrounded by residential properties and the mixture of businesses on the site are housed within older brick industrial units. Since the site is within an existing Industrial Estate there is unlikely to be any effects on this objective.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0

Site name: Battledown Industrial Estate, Hales Road

LUC ID: 420

Area (ha): 4.26

District: Cheltenham

Objective 11 justification: There is a PROW along the eastern side of the site, but the GCC site assessment confirms that no diversion or re-routing will be required, therefore there should be no effects on recreational access. However, there is a leisure/recreational facility within 250m of the site. This is a play area, and therefore there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users. Overall there are mixed effects against this objective.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **-**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: The site is within 100m of the Cheltenham Conservation Area according to the detailed GCC Archaeology assessment, and is the reason for the minor negative effect scored against this objective due to potential impact on the setting of the Conservation Area. However, the report notes that the site is already affected by industrial development and Prehistoric finds made from this site may indicate that there are no surviving remains. Therefore, this site could potentially have a minor negative effect on townscape and heritage, due to proximity to Cheltenham Conservation Area.

SA Objective 14: Flooding **SA Judgement:** **++**

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Battledown Industrial Estate, Hales Road

LUC ID: 420

Area (ha): 4.26

District: Cheltenham

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (4ha) located on land that has been developed, and currently used as a small Industrial Estate. This site could have minor positive effects on protecting soil/land quality as it is located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Cheltenham Borough Council has indicated that no remediation proposals have been considered for the site and re-development would offer a viable opportunity for remediation.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via minor roads, the B4075/A40. In addition, it is within 1km of an AQMA, therefore this site could have a minor negative impact on protecting air quality, although this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having low potential for rail and/or water transport and it has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Site name: Battledown Industrial Estate, Hales Road

LUC ID: 420

Area (ha): 4.26

District: Cheltenham

Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing small industrial estate may offer some positive benefits in relation to this objective.	

Site name: Cromwell Road - Kohler Mira

LUC ID: 421

Area (ha): 2.36

District: Cheltenham



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site in a built-up area within 250m of numerous sensitive receptors. These include two schools and residential properties within 100m adjoining the boundary to the west and east, as well as properties to the north beyond Cromwell Road, and to the south beyond the Clyde Crescent road. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Cromwell Road - Kohler Mira

LUC ID: 421

Area (ha): 2.36

District: Cheltenham

Objective 3 justification: The site is located within 250m of many sensitive receptors, including residential properties and two schools which could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This small site is occupied entirely by a shower manufacturer on a site with permitted use for B2 industry. It has been listed in Cheltenham Borough Council's Employment Land Review, but is not adjacent to a site allocated in the current Waste Local Plan, or within 250m of an existing waste management facility, thus it is unlikely to have any effects on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **++**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. ++

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Cromwell Road - Kohler Mira

LUC ID: 421

Area (ha): 2.36

District: Cheltenham

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	There are no identified international (SAC, RAMSAR, SPA) national (NNR, SSSI) or local nature conservation designations (KWS, LNR) or BAP Habitats or BAP Priority species within 500m of the site. However, there is one BAP species (Common Frog) recorded within 250m of the Cromwell Road site. However, the more detailed Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identified ecological constraint being greater than 250m, and up to and including 1km distant. There may be potential for positive effects on biodiversity as there are no locally important sites of nature conservation within 500m.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Not within an existing industrial estate	?
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that the site is within 650m of the Cotwolds AONB, with potential for negative effects. However, the site is currently in use for light industry and is within a built up urban area, therefore such effects are uncertain.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the majority of the site is taken up by industrial buildings in use by a shower manufacturer. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	More than 250m from a PROW	0
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within or adjoining the site boundary. The GCC site assessment confirms that there should be an opportunity for existing routes in the neighbourhood to be enhanced, and therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including a recreation ground and a football club,	

Site name: Cromwell Road - Kohler Mira

LUC ID: 421

Area (ha): 2.36

District: Cheltenham

so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

RIGGS:	More than 500m from a RIGGS	0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage	SA Judgement:	+

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0

Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0

Listed Buildings:	More than 100m from a Listed Building	0

Conservation Areas:	Uncertain due to lack of spatial information	?

World Heritage Sites:	More than 250m from a Registered Battlefield	0

GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	++

Objective 13 justification: This site is within a site in use for industrial purposes and more than 100m or 250m from cultural assets. In addition, the GCC Archaeology assessment states there is no known archaeological remains on the site. Therefore, this site should have a minor positive effect on townscape and heritage.

SA Objective 14: Flooding	SA Judgement:	+

Flood Zone 1:	Predominantly within Flood Zone 1	+

Flood Zone 2:	Partially or entirely within Flood Zone 2	-

Flood Zone 3:	Partially or entirely within Flood Zone 3	--

GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	+

Objective 14 justification: This site has the potential for a positive effect on prevention of flooding and reduction of risk to public water supply as it is predominantly within Flood Zone 1, but affected by Flood Zones 2, 3a and 3b and scored positively in the GCC Flood risk assessment.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	+

Previously developed land:	On Previously Developed Land	+

Site name: Cromwell Road - Kohler Mira

LUC ID: 421

Area (ha): 2.36

District: Cheltenham

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (2ha) located on land that has previously been developed, and currently used for industrial uses. This site should have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via minor roads close to housing, the B4075 and A435. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective.

Site name: Cromwell Road - Kohler Mira

LUC ID: 421

Area (ha): 2.36

District: Cheltenham

Site name: Prestbury Road and Cleevemount Close

LUC ID: 422

Area (ha): 2.64

District: Cheltenham



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site in a built up area and within 250m of a number of sensitive receptors, including residential properties within 100m on the opposite side of Windsor Street/Cleevemount Close to the west, and Overbrook Drive to the north, as well as properties adjoining the eastern boundary opposite Prestbury Road. In addition, other sensitive receptors include a school, church and a community centre. The development of a waste facility could have significant negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-

Site name: Prestbury Road and Cleevemont Close

LUC ID: 422

Area (ha): 2.64

District: Cheltenham

Cumulative impacts on community: More than 250m from existing waste management facility N/A

Objective 3 justification: The site is located within 250m of many sensitive receptors, including residential properties within 100m of the site boundary, a school, church and community centre which could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development SA Judgement: 0

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is currently used as a Coach Depot, and contains a number of vacant units. It was listed in Cheltenham Borough Council's Employment Land Review, but is greater than 250m from an industrial estate/existing waste facility, or a site allocated in the current Waste Local Plan and thus would have no effect on this objective.

SA Objective 5: Manage waste in an economically sustainable way SA Judgement: 0

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities SA Judgement: + +

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. + +

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes SA Judgement: -?

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity SA Judgement: +

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

Site name: Prestbury Road and Cleevemont Close

LUC ID: 422

Area (ha): 2.64

District: Cheltenham

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	There are no identified international (SAC, RAMSAR, SPA) national (NNR, SSSI) or local nature conservation designations (KWS, LNR) or BAP Habitats within 500m of the site. However, the more detailed Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identified ecological constraint (e.g. Priority species of Common Toad) being greater than 250m, and up to and including 1km distant. There may be potential for positive effects on biodiversity as there are no locally important sites of nature conservation within 500m.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains features typical of Cheltenham Urban landscape character. Due to the location of the site within an existing small Coach Depot there should not be effects on this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment describes the site as comprising of a number of small units with access from both Presbury Road and Cleevemont Close, with the access from Prestbury Road leading to the coach depot. The site is constrained within two roads and residential properties. However, the site is currently operating as a coach depot in a number of small older style industrial units, and may be partially prominent in the surrounding townscape, and therefore there could be minor negative effects on this objective.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Prestbury Road and Cleevemont Close

LUC ID: 422

Area (ha): 2.64

District: Cheltenham

Objective 11 justification: There are no PROW within the site, but there is a footpath to the north of the site linking with Overbrook Drive. The GCC site assessment confirms that there may be an opportunity for existing routes to be enhanced, and this should have minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including club, football club, bowling club, and playground and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: Within 250m of a Historic Park or Garden -

Listed Buildings: Listed Building present on site - -

Conservation Areas: Within 100m of a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is used for industrial purposes and is within 100m-250m of historic assets, including a Grade II Listed Building at the edge of the site (Southwood Lodge and attached wall), and is also within 100m of the Cheltenham Conservation Area containing numerous Grade I and II listed buildings. However, the more detailed GCC Archaeology assessment notes that the site has been scored as having significant negative effects due to the Listed Building, although this may already have been affected by industrial development. Therefore, this site could potentially have a major negative effect on townscape and heritage, due to proximity to a listed building and the setting of the Cheltenham Conservation Area.

SA Objective 14: Flooding **SA Judgement:** -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: N/A N/A

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a negative (-) in the GCC flood risk site assessment -

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 3a, which has the potential for a negative effect on flooding and reduction of risk to public water supply, and scored negatively in the assessment, due to historical flood risk and potential flood risk from Wymans Brook Tributary which is culverted through the centre of the site. In 2007 over 50% of the site was affected by flooding from the watercourse.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Prestbury Road and Cleevemont Close

LUC ID: 422

Area (ha): 2.64

District: Cheltenham

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (3ha) located on land that has been developed, and currently with some vacant units, but in use as a coach depot. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land. However, Cheltenham Borough Council has indicated that limited SI has been completed for units along Churchill Road and re-development would offer a viable opportunity for remediation.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via the B4632, A435/A46. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. It has also been assessed as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Prestbury Road and Cleevemont Close

LUC ID: 422

Area (ha): 2.64

District: Cheltenham

SA Objective 22: Adapt to climate change		SA Judgement: 0
Industrial estates:	Not within an existing industrial estate	0
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.	

Site name: Additional land at Staverton Technology Park

LUC ID: 424

Area (ha): 12.42

District: Tewkesbury



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is part of the Gloucestershire Airport complex with very few sensitive receptors within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. There are a few scattered residential properties within 250m to the north of the site at Bamfurlong including Bank View Farm and around five other dwellings. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Additional land at Staverton Technology Park

LUC ID: 424

Area (ha): 12.42

District: Tewkesbury

Objective 3 justification: The site is located within 250m of a very few receptors, to the north of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **0**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within Gloucestershire Airport complex including the airport terminal building, and was listed in Tewkesbury Borough Council's Employment Land Review. In addition, the GCC site assessment notes that the airport includes a number of small industrial, retail and office units which are mainly related to airport use, and are not accessible to the general public for security reasons. However, since the site is not within 250m of existing waste management facilities, or a site allocated in the current Waste Local Plan and therefore it may have no effects on this objective.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: Since the site is located in the Gloucestershire Airport it could have potentially negative effects on this objective, since it is within Gloucestershire Airport Zone for all types of development. In view of the proximity to the airport runways, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Additional land at Staverton Technology Park

LUC ID: 424

Area (ha): 12.42

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as +* by GCC Ecologist and GCER	+*
Objective 8 justification:	The Innsworth Meadow SSSI is located within 3,780m so there are likely to be negligible effects on biodiversity due to the distance from the site. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity is potentially uncertain or positive due to the identification of important ecological constraint greater than 250m and up to and including 1km distant (Innsworth Meadow SSSI) and since it is an aquifer/surface/flood water dependent site over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, but contains Vale of Gloucester and Settled Unwooded Vale landscape character features. Due to the location of the site within Gloucestershire Airport complex containing industrial and office buildings there should not be an effect on this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site includes a number of small industrial, retail and office units, as well as the airport terminal building. It is also very close to a major road intersection to the south and east. In view of proximity to adjacent industrial/business units on the site, it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-

Site name: Additional land at Staverton Technology Park

LUC ID: 424

Area (ha): 12.42

District: Tewkesbury

Objective 11 justification: GCC site assessment notes there is a PROW and GIS analysis confirms the existence of a footpath running adjacent to the site boundary to the east and linking with other paths alongside and across the A40 to the south. There are other paths within 250 linking with Bamfurlong Farm. The assessment notes that a diversion may be necessary, but no enhancement are likely so there may be a potentially minor negative effect on recreational access.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **+**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas:

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: This site is within Gloucestershire Airport complex and more than 100m or 250m from known cultural assets. In addition, the GCC Archaeology assessment states that the site is within Staverton World War II airfield, but contains no known significant remains. Therefore, this site should have a positive effect on townscape and heritage due to known remains within the vicinity of the site.

SA Objective 14: Flooding **SA Judgement:** **+**

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: This site has the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply as it is predominantly within Flood Zone 1, but affected by Flood Zones 2, 3a and 3b, and scored positively in the GCC Flood risk assessment. The assessment notes that a drain runs along the eastern boundary of the site and may be partially culverted, this would need to be explored as part of a FRA.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

Site name: Additional land at Staverton Technology Park

LUC ID: 424

Area (ha): 12.42

District: Tewkesbury

SA Objective 16: Soil/land quality		SA Judgement:	+ +
Previously developed land:	On Previously Developed Land		+ +
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV		0
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	This site should have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, however Tewkesbury Borough Council has identified the site as having some potentially contamination issues associated with it. Therefore development of a waste facility would enable remediation in areas where there were former industrial uses.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as medium within the GCC Highways assessment as it has access to the Strategic Highways Network via a minor road, Bamfurlong Lane and the B4063. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	-/+
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	The GCC assessment considers the site to have low potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	0
Industrial estates:	Not within an existing industrial estate		0

Site name: Additional land at Staverton Technology Park

LUC ID: 424

Area (ha): 12.42

District: Tewkesbury

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification:	Since the site is greater than 250m from an Industrial Estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Aston Down

LUC ID: 433

Area (ha): 35

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: 0
Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	A large site, part of an old military base and surrounded by open fields/countryside which is greater than 250m from any sensitive receptors, therefore development of a waste facility on the site should have negligible effects on health and well being.	
SA Objective 2: Educate and maximise community participation		SA Judgement: +?
Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	
SA Objective 3: Amenity of local communities		SA Judgement: 0
Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is more than 250m from all sensitive receptors, therefore no effect on the amenity of local communities is expected. It is also more than 250m from an existing waste facility so there should be no cumulative effect caused by this.	

Site name: Aston Down

LUC ID: 433

Area (ha): 35

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	0
Industrial estates:	Not within an existing industrial estate		0
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The large site is part of an old military base and according to GCC site assessment is now used mainly for business purposes, as well as other uses (unknown), while there is a former campsite area that is currently disused. Part of the former military airfield is used by a neighbouring gliding club, and there are indications that the site may also be used for car boot sales. The site was listed in Stroud District Council's Employment Land Review, but permitted uses are unknown. However, since the site is greater than 250m from an industrial estate, existing waste facility or site allocated in the current Waste Local Plan it would have no effect on this objective.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+	
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective. However, part of the airfield is still used by a neighbouring gliding club.		
SA Objective 8: Biodiversity		SA Judgement:	0
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites		-
BAP species:	More than 500m from BAP Species		0

Site name: Aston Down

LUC ID: 433

Area (ha): 35

District: Stroud

BAP habitat:	Within the boundary of BAP Habitat	--
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	A Key Wildlife Site (Westley Farm Meadows) and SNA (Cotswold Oakridge) are within 500m of the site thus there is potential for a significant negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive due to the identification of important ecological constraint (probably Priority Habitat of lowland calcareous grassland but subject to interpretation) up to and including 250m distant. Therefore, the potential effects on biodiversity are likely to be negligible.	
SA Objective 9: Landscape		SA Judgement: - ?
Industrial Estates:	Not within an existing industrial estate	?
AONB:	Within an AONB	--
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is within the Cotswold AONB, thus it could have significant effects on landscape. However, this effect is uncertain because this site is also within a former military air base.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that this site is a large, flat and elevated site, and situated within the Cotswold AONB. However, the site retains the original aircraft hangers and other industrial buildings, as well as some derelict areas which may already be prominent in the landscape. Therefore, it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	GCC site assessment and GIS analysis indicates that there are no PROW present on site, but there is a footpath beyond the 250m boundary, and there may be opportunities to enhance existing routes. A neighbouring gliding club is known to use the site, so there there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0

Site name: Aston Down

LUC ID: 433

Area (ha): 35

District: Stroud

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** +

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: More than 100m from a Conservation Area 0

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: The site is a former military airfield and more than 100m or 250m from cultural assets. The GCC Archaeology assessment states that the site contains no known significant remains, but is within the Minchinhampton World War II airfield. Therefore this site should have a minor positive effect on archaeology and heritage due to the known history of the site.

SA Objective 14: Flooding **SA Judgement:** ++

Flood Zone 1: Entirely within Flood Zone 1 ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Site name: Aston Down

LUC ID: 433

Area (ha): 35

District: Stroud

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a very large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Stroud District Council has indicated that any new development would require remediation to known contamination, and re-development would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium in relation to proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via Cirencester Road and the A419. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed by GCC Highways as having no potential for rail and/or water transport but as medium in terms of its access to the strategic highways network via the A419, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Aston Down

LUC ID: 433

Area (ha): 35

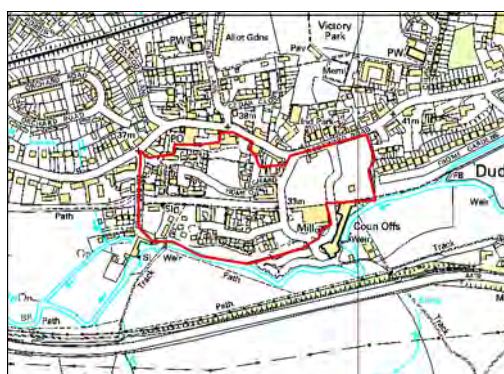
District: Stroud

Site name: Mixed Use Land at Ebley Mill (MU2)

LUC ID: 436

Area (ha): 8.5

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site is partly within a newly built residential area and adjoining Stroud District Council offices, and therefore within 250m of a many sensitive receptors. These include residential properties within the site boundary and within the 250m boundary to the west, north and east, as well as a school and two churches. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Mixed Use Land at Ebley Mill (MU2)

LUC ID: 436

Area (ha): 8.5

District: Stroud

Objective 3 justification:	The site is located within 100m-250m of many sensitive receptors, including residential properties within the site boundary which could be affected by noise and vibration from waste traffic movements, so there is the potential for negative effects on the amenity of local residents and communities. In addition, the site is adjacent to existing waste management facilities so there is potential for a cumulative negative effect.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	According to the GCC site assessment this site appears to have been redeveloped for good quality residential housing and car parking for Stroud District Council Offices. It was listed in Stroud District Council's Employment Land Review but the permitted use is unknown. This site contains existing waste management facilities, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.	
SA Objective 8: Biodiversity		SA Judgement: -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0

Site name: Mixed Use Land at Ebley Mill (MU2)

LUC ID: 436

Area (ha): 8.5

District: Stroud

Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-*
Objective 8 justification:	The River Frome is a Key Wildlife Site within 500m of the site and important for known mammal species (e.g. Priority species Otter, Water Vole, Kingfisher) and thus there is potential for a significant negative effect on biodiversity. In addition, the Selsey Common SSSI is located within 840m, and the Severn Estuary SAC/SPA/Ramsar/SSSI within 13,600m of the site. However, the more detailed GCC Ecology assessment has scored the site as -* since the overall impact on biodiversity could be potentially negative or uncertain including potential impact on a nationally designated aquifer fed/surface water/flood water dependent site(s) over 1km distant.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Not within an existing industrial estate	-
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 150m from the Cotswolds AONB and contains Part Vale of Berkeley, Settled Unwooded Vale, Part Stroud urban, Secluded Valleys landscape character features. Thus the site could have minor negative effects on landscape. However, this effect is uncertain since the site already contains an existing waste management facility.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site has been redeveloped for good quality residential housing, as well as providing car parking for the adjacent Stroud District Council offices. However, since there is an existing waste management facility within 250m of the site, and the site is very close to the Cotswolds AONB positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Mixed Use Land at Ebley Mill (MU2)

LUC ID: 436

Area (ha): 8.5

District: Stroud

Objective 11 justification: GIS analysis indicates that there are two PROW within the site linking to residential areas and the River Frome (although GCC site assessment states there is no PROW) so there could be potential negative effects on recreational access. In addition, the GCC site assessment notes there are leisure/recreational facilities within 250m of the site including a play area, club, allotment gardens and Ebley Park, so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that there are SSSIs with geological features at Selsey Common within 840m of the site. There should be no effects on geodiversity since the site is more than 500m from Selsey Common SSSI.

SA Objective 13: Heritage **SA Judgement:** **- -**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: GCC Archaeology assessment states that the site contains Listed Buildings and is within Stroud Industrial Heritage Conservation Area, therefore this site could have a significant negative effect on the setting of townscape and heritage.

SA Objective 14: Flooding **SA Judgement:** **0**

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 2, although it lies predominantly in Flood Zone 1. Due to historical flood risk and flood defences along the River Frome, and recent flooding events in 2007, the southern part of the site was marginally affected by flooding. The GCC Flood risk assessment indicates that site may have some potential for waste uses through certain conditions (score 0) and is not expected to have an effect on flood-risk areas. However, a Level 2 SFRA would be required to assess breach/overtopping along the River Frome where it meets the A419.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Mixed Use Land at Ebley Mill (MU2)

LUC ID: 436

Area (ha): 8.5

District: Stroud

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, and Stroud District Council notes that a number of site investigations have been undertaken for neighbouring residential development, but a small area remains to be remediated.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium in relation to proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the B4008 and A419. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as having medium potential for water transport and thus could have a minor positive impact on reducing impacts of road traffic to and from the site if developed for waste use. In addition, the GCC Highways assessment scored the site as medium in terms of its proximity to the strategic highways network via the B4008/A419. The overall effect on this objective is therefore expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Mixed Use Land at Ebley Mill (MU2)

LUC ID: 436

Area (ha): 8.5

District: Stroud

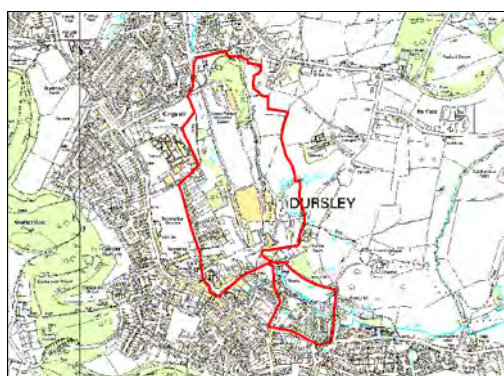
SA Objective 22: Adapt to climate change		SA Judgement: 0
Industrial estates:	Not within an existing industrial estate	0
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.	

Site name: Mixed Use Land at Lister Petter (MU3)

LUC ID: 437

Area (ha): 50.78

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A very large site near Dursley town centre and within 250m of a large number of sensitive receptors. These include residential properties within 100m-250m to the north, west, and south of the site, while the eastern side adjoins largely open fields/countryside and a school. The GCC site assessment confirms that other sensitive receptors include five churches, another school, two GP surgeries, library, a community centre and Dursley Education Centre. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-

Site name: Mixed Use Land at Lister Petter (MU3)

LUC ID: 437

Area (ha): 50.78

District: Stroud

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is located within 250m of numerous residential properties, five churches, two schools, two GP surgeries, a library, community centre and an education centre so there is potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect.	

SA Objective 4: Sustainable economic development	SA Judgement:	+?

Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	The site contains a range of mixed uses according to GCC site assessment including industrial, business and residential. The site was listed in Stroud District Council's Employment Land Review, but permitted use is unknown. The southern part has been redeveloped for residential housing, while the central part contains several large industrial companies (Lister Petter, Deutz), and to the north of the site a new Business Park (Littlecombe) is in the process of being developed with a separate access. Although the site is not within 250m of an existing waste management facility or site identified in the Waste Local Plan, parts of the site do effectively contain uses comparable to an industrial estate. Thus it should have potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.	

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement:	0

Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	

SA Objective 6: Employment opportunities	SA Judgement:	+

GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement:	0

Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.	

SA Objective 8: Biodiversity	SA Judgement:	-

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0

Site name: Mixed Use Land at Lister Petter (MU3)

LUC ID: 437

Area (ha): 50.78

District: Stroud

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as - by GCC Ecologist and GCER	-
Objective 8 justification:	Stinchcombe Hill SSSI is within 805m and SNA Cotswold Dursey within 500m of the site thus there is potential for a minor negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative or uncertain due to the identification of important ecological constraint (Priority Habitat of Lowland beech and yew woodland and some Priority species e.g. Brown Long-eared Bat, Oak Hook-tip, Blood Vein, Dusky Thorn) greater than 250m and up to and including 1km distant. The potential for significant effects on the SSSI would need to be assessed through the Habitat Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	Within an AONB	--
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that the site is currently on land that has been developed, but is less than 5m from the Cotswolds AONB and contains Dursley, Cam and Uley Valleys, Rolling Hills and Valleys, Escarpment Valleys landscape character features, thus it could have potential for a negative effect on landscape due to proximity to the AONB and not being within an industrial estate.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site is located in a valley near Dursley town centre, and the central part contains large industrial buildings, but there are also newly developed residential properties (e.g. Priory Close) to the southern part of the site. Due to the location adjoining the town the site may be partially prominent in the valley. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by existing development such as industrial warehousing. However, it is likely that positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application. The GCC site assessment notes that it is surrounded by open fields/countryside, and situated within the Cotswold AONB. However, the site is an existing Industrial Estate containing waste management facilities, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

Site name: Mixed Use Land at Lister Petter (MU3)

LUC ID: 437

Area (ha): 50.78

District: Stroud

SA Objective 11: Material, cultural and recreational assets		SA Judgement:	- -
Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space		-
PROW:	Includes a PROW		- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required		- -
Objective 11 justification:	GCC site assessment notes there is a PROW within the centre of the site linking with various other footpaths, and therefore there could be a significant negative effect due to potential closure of the route or a major deviation being required. In addition, there are leisure/recreational facilities within 250m of the site including a playground, club, and tennis courts and recreation ground so there could be potential for minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.		
SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.		
SA Objective 13: Heritage		SA Judgement:	- -
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Listed Building present on site		- -
Conservation Areas:	Located within a Conservation Area		- -
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		- -
Objective 13 justification:	This very large site is close to Dursley town centre and is situated within Dursley Conservation Area containing numerous listed buildings. The more detailed GCC Archaeology assessment has scored the site as having significant negative effects on the setting of listed buildings due to the proximity to the Conservation Area. The assessment notes that these constraints may be confined to the southern part of the site which has already been partially developed for housing. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.		
SA Objective 14: Flooding		SA Judgement:	0
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		- -

Site name: Mixed Use Land at Lister Petter (MU3)

LUC ID: 437

Area (ha): 50.78

District: Stroud

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site has been assessed in the GCC Flood assessment as being mainly in Flood Zone 2 for flood risk, although most of the site is in Flood Zone 1. This is due to the site being dissected by the River Cam and the potential for flood risk has taken account of this, as well as a culverted channel. The GCC Flood risk assessment indicates that site may have some potential for waste uses through certain conditions (score 0) and is not expected to have an effect on flood-risk areas.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** -

Previously developed land: On Previously Developed Land +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This large site is partially within previously developed land, but part of the site to the east is classified as grade 3 agricultural land, and therefore it would have a minor negative effect on soil/land quality. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Stroud District Council has noted that site investigation and remediation is being undertaken on a phased basis as development occurs. Therefore the development of a waste facility would enable remediation in areas where there were former industrial uses.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable access on to the Strategic Highway Network via an unclassified road to the A4135. Since it is not within 1km of an AQMA this site should have a positive impact on protecting air quality, although this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Site name: Mixed Use Land at Lister Petter (MU3)

LUC ID: 437

Area (ha): 50.78

District: Stroud

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

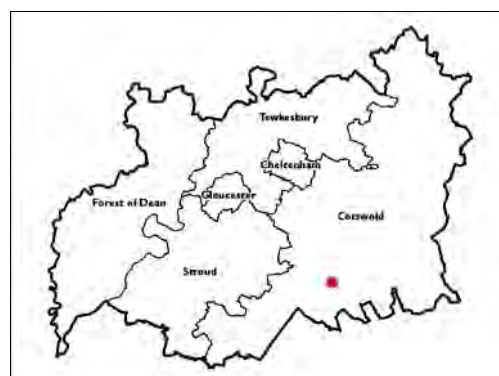
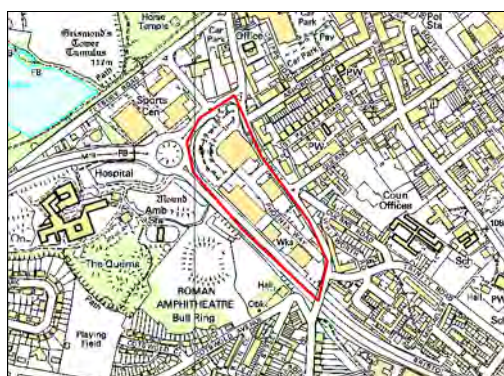
Objective 22 justification: Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Phoenix Way, Cirencester

LUC ID: 439

Area (ha): 4.44

District: Cotswold



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Within 250m of a hospital	-?
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A small site on the outskirts of Cirencester town centre within 100m of many sensitive receptors. These include large areas of residential housing to the east and south, Cirencester Hospital, two churches, an adult centre, two GP surgeries as well as Council offices. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Within 250m of a hospital	-
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Phoenix Way, Cirencester

LUC ID: 439

Area (ha): 4.44

District: Cotswold

Objective 3 justification:	The site is located within 250m of numerous sensitive receptors including residential properties, a hospital, GP surgeries, an adult centre and two churches, and Council offices so there is potential for negative effects on the amenity of local residents and communities situated within 250m of the site. It is more than 250m from an existing waste facility so should not have a cumulative effect.
SA Objective 4: Sustainable economic development	
SA Judgement: 0	
Industrial estates:	Within or adjacent to existing industrial estate 0
Waste Local plan:	More than 250m from Waste Local Plan site 0
Proximity to existing waste facilities:	More than 250m from existing waste management facility 0
Objective 4 justification:	A small site split into two according to GCC site assessment, with the smallest section to the north west containing a food supermarket, and the larger section to the south east two large units (Brann and TRW). The site is listed in Cotswold District Council's Employment Land Review, but is not adjacent to a Waste Local Plan site, or within 250m of an existing waste management facility. In addition, since it is not within an existing industrial estate it would have no effects on this objective.
SA Objective 5: Manage waste in an economically sustainable way	
SA Judgement: 0	
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.
SA Objective 6: Employment opportunities	
SA Judgement: + +	
GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. + +
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.
SA Objective 7: Safety of commercial or military aerodromes	
SA Judgement: -?	
Aerodrome safeguarding area:	Within aerodrome safeguarding area -?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for MOD South Cerney zone, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.
SA Objective 8: Biodiversity	
SA Judgement: 0	
SAC:	More than 500m from SAC 0
SPA:	More than 500m from SPA 0
Ramsar:	More than 500m from Ramsar site 0
National Nature Reserve:	More than 500m from NNR 0
SSSI:	More than 500m from SSSI 0

Site name: Phoenix Way, Cirencester

LUC ID: 439

Area (ha): 4.44

District: Cotswold

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within the boundary of BAP Species	- -
BAP habitat:	More than 500m from BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from local nature conservation designations, although Priority species have been identified within 250m of the site boundary (e.g. Noctule Bat, 45 KHz Pipistrelle Bat) so there could be potential uncertain or negative effects on biodiversity. However, the more detailed GCC Ecology assessment has scored the site as 0, since the overall impact on biodiversity could be potentially negative, uncertain or positive, and the identified important ecological constraint is up to, and including 250m distant.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 200m from the Cotswolds AONB and contains Cirencester Urban and Dip Slope Lowland landscape character features, thus it could have a minor negative effect on landscape. However, this effect is uncertain because the site also contains retail and industrial uses.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the larger section of the site to the east contains large brick built units, and there also a number of housing estates and supermarkets nearby. To the north west is a modern Waitrose supermarket, but across the Bristol Road and within 250m to the west is the historic Roman Amphitheatre and Cirencester Hospital, so there may be potential negative effects on this objective, but this remains uncertain.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Phoenix Way, Cirencester

LUC ID: 439

Area (ha): 4.44

District: Cotswold

Objective 11 justification: There are no PROW within the site, but there is a footpath running beyond the site boundary to the east. The GCC site assessment confirms that there may be an opportunity for the existing route to be enhanced, therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including a sports centre and two clubs so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** +?

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that there was a Geological Local Site recorded on the site (A417 Cutting) a partly obscured road cutting, exposing a limited section through the Middle Jurassic 'Forest Marble Formation'. In addition, BGS mapping suggests the occurrence of the Siddington Fault at this location, but nothing of it has been seen at the surface. The presence of known geological features should have a minor positive effect on this objective although this is uncertain, and development may present an opportunity for further investigation. The design of modern waste management facilities is increasingly adopting innovative practice and there may be opportunities to incorporate important geological features within the design of the development.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: Scheduled Ancient Monument present on site - -

Historic Parks and Gardens: Within 250m of a Historic Park or Garden -

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The GCC Archaeology report indicates that part of the site is within the Scheduled Monument of Roman Cirencester and therefore there could be significant negative effects on archaeology and heritage. In addition, the site is within 100m of three Conservation Areas (Cirencester and St Peter's road; Cirencester Town and Park; and Cirencester Watermeadows) and there are many Grade II Listed Buildings within 100m of the site. Therefore, this site could have a significant negative effect on the setting of townscape and heritage due to known remains, and proximity to three Conservation Areas.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Site name: Phoenix Way, Cirencester

LUC ID: 439

Area (ha): 4.44

District: Cotswold

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment. The report notes that there is an impounding reservoir to the north west of the site in Cirencester Park, and although there are no recorded incidents of breach or overtopping, the residual risk should be investigated as part of a FRA.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Previously developed land: On Previously Developed Land +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (4ha) located on land that has been developed, and currently used for retail and business uses. This site could have minor positive effects on protecting soil/land quality as it is a small site located entirely on previously developed land. The GCC site assessment notes that no information was made available in relation to potential contamination on this site.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable direct access on to the strategic highway network via the A419. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. This impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Site name: Phoenix Way, Cirencester

LUC ID: 439

Area (ha): 4.44

District: Cotswold

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement:	0

Industrial estates:	Within or adjacent to existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Objective 22 justification: Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Netheridge STW

LUC ID: 461

Area (ha): 11.92

District: Gloucester



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is a large sewage treatment works with very few sensitive receptors within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. These include a few scattered residential properties to the east (Netheridge Farm, Netheridge Close), and north (The Rea, Middle Rea) and to the west (Riversmead Farm). There are also a few residential properties and a Trading Estate within the 250m boundary to the south beyond the Sharpness and Gloucester Canal (properties around Sims Lane). The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Site name: Netheridge STW

LUC ID: 461

Area (ha): 11.92

District: Gloucester

Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site is located within 250m of a few sensitive receptors which could be negatively affected by noise and vibration from waste traffic movements. In addition, in view of the presence of an existing waste facility (STW) within the site there is likely to be a cumulative effect.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	Within 250m of a WLP site	+
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+
Objective 4 justification:	This site contains an existing waste management facility (Sewage Treatment Works) and is adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0

Site name: Netheridge STW

LUC ID: 461

Area (ha): 11.92

District: Gloucester

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Walmore Common SPA/Ramsar/SSSI is located within 5,770m, and the Severn Estuary SAC/SPA/Ramsar/SSSI within 10,000m of the site, thus there is likely to be negligible effects on biodiversity. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation to Walmore Common and Severn Estuary designations, since they are aquifer/surface/flood water dependent sites over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Floodplain Farmland landscape character features (Mainly: The Rea, Maisemore, Ham and Longford; and Floodplain Farmland Part Hempsted, Part Cotswolds Settled Unwooded Vale). Due to the location of the site more than 1km from an AONB, and adjacent to an existing waste management facility, there should be no effects against this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment notes that this is a large sewage treatment works located between the River Severn and the Gloucester and Sharpness Canal and adjacent to other industrial estates across the canal. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +
Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	More than 250m from a PROW	+
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0

Site name: Netheridge STW

LUC ID: 461

Area (ha): 11.92

District: Gloucester

Objective 11 justification: There are no PROW within the site, and the GCC site assessment confirms that no diversion will be necessary and enhancements are unlikely, therefore there should be minor positive effects on recreational access since there are already good footpath links to and from the River Severn across the canal to neighbouring residential areas.

SA Objective 12: Geodiversity **SA Judgement:** **+?**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that the site has been identified of importance as a Geological Local site. A temporary exposure to allow re-routing of the canal cutting into the Lower Jurassic 'Charmouth Mudstone Formation' revealed a zonal ammonite (*Asteroceras obtusum*) on the site. There should be potential positive effects on this objective since re-development may allow further geological surveys. In addition, the design of modern waste management facilities is increasingly adopting innovative practice and there may be opportunities to incorporate important geological features within the design of the development. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.

SA Objective 13: Heritage **SA Judgement:** **+**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (++) in GCC Archaeology Team site assessment ++

Objective 13 justification: The GCC Archaeology report states that no known archaeology is on the site, although remains could survive in undeveloped areas, and therefore there are significant positive effects on historic assets, since re-development may allow for further investigation.

SA Objective 14: Flooding **SA Judgement:** **0**

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being predominantly in Flood Zone 1, but is affected by Flood Zones 2, 3a and 3b on the eastern side, and therefore overall has been rated as Flood Zone 2. The GCC Flood risk assessment indicates that site may have some potential for waste uses through certain conditions (score 0).

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Netheridge STW

LUC ID: 461

Area (ha): 11.92

District: Gloucester

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within grade 1, 2 or 3 agricultural land 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a significant positive effect on protecting soil/land quality as it is a large site that is entirely within previously developed land and not within grade 1, 2 or 3 agricultural land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Gloucester City Council has indicated that although it is currently a STW site, development of a waste facility would enable further remediation of the site.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable access to the Strategic Highways Network via a minor road to the A430. In addition the site is more than 1km from an AQMA, and could therefore have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** ++

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access ++

Objective 19 justification: The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Site name: Netheridge STW

LUC ID: 461

Area (ha): 11.92

District: Gloucester

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

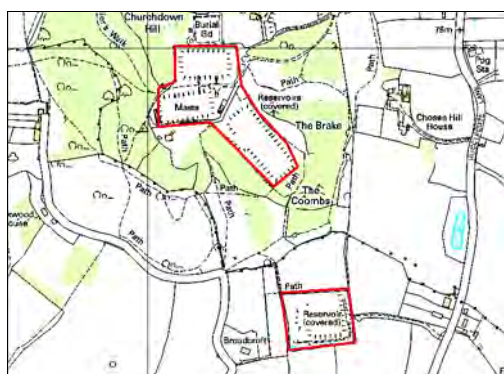
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an STW which is also adjacent to a site within the Waste Local Plan and Industrial Estates may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Chosen Hill Reservoirs

LUC ID: 462

Area (ha): 4.98

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site consists of two covered reservoirs adjoining woodland and open fields/countryside but within 250m of very few sensitive receptors. These include St Bartholomew Church and burial ground adjacent to the upper reservoir and four dwellings to the west of the 250m boundary, two dwellings at Chosen House Hill to the east, and a few dwellings near the lower reservoir to the south. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-

Site name: Chosen Hill Reservoirs

LUC ID: 462

Area (ha): 4.98

District: Tewkesbury

Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site is located within 250m of a few sensitive receptors including a church and burial ground, and scattered isolated dwellings within the 250m boundary of the site. There is therefore the potential for negative effects on the amenity of the few local residents and communities situated within 250m of the site. In addition, there is potential for a cumulative effect due to the presence of an existing waste management facility already on the site.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+
Objective 4 justification:	The site consists of two separate covered reservoirs owned and operated by Severn Trent Water on Chosen Hill, and contains an existing waste management facility according to GCC site assessment. There is therefore potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0

Site name: Chosen Hill Reservoirs

LUC ID: 462

Area (ha): 4.98

District: Tewkesbury

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within the boundary of BAP Species	- -
BAP habitat:	Within the boundary of BAP Habitat	- -
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	Both Chosen Hill Nature Reserve and Churchdown Hill Meadows are Key Wildlife Sites within 100m-250m of the site thus there may be potentially uncertain or negative effects on biodiversity. The more detailed GCC Ecology assessment has scored the site as 0 since the overall impact on biodiversity is potentially negative, uncertain or positive due to the identification of important ecological constraint (e.g. Priority Habitat lowland mixed deciduous woodland and Priority species, Grass Snake, Song Thrush) up to an including 250m distant. The GCC Ecology assessment has also assessed the site as 0 since the identified ecological constraint is up to and including 250m distant, and indicates there should be no significant effects on biodiversity from a potential waste management facility.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Not within an existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to a national landscape designation such as an AONB, but contains Churchdown/Chosen Hill Escarpment Outlier, Wooded Outlier landscape character features. Due to the location of the site on Churchdown Hill it may be partially prominent in the landscape and not within an existing industrial estate there could be potentially negative effects on this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site consists of two separate covered reservoirs, both of which are accessed via Churchdown village, with the upper reservoir being accessed by a steep and narrow lane with limited passing places. In view of the location on Churchdown Hill it is likely that the site will be partially prominent in the landscape. There is therefore the potential for a negative effect on this objective.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0

Site name: Chosen Hill Reservoirs

LUC ID: 462

Area (ha): 4.98

District: Tewkesbury

PROW: Includes a PROW - -

GCC PROW assessment: Identified as having an impact on the PROW network with some minor re-routing required. -

Objective 11 justification: There is a major network of PROW within the 250m boundary of the site, and the GCC site assessment confirms that there would be a impact on the footpath network which would probably require a diversion, with no enhancements likely. This could have a negative effect on recreation activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** -?

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that the site is a Geological Local Site due to a small exposure of Early Jurassic 'Marlstone Rock Formation' lying immediately beneath the north east corner of St Bartholomew Church. This was once part of an extensive outcrop, but is now mostly overgrown. The church is beyond 100m of the main reservoir on the site, and the precise location of a potential waste management facility is unknown, so there could be potentially uncertain or negative effects in relation to geodiversity. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.

SA Objective 13: Heritage **SA Judgement:** 0

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: GCC Archaeology assessment notes that the site contains no known historical or archaeologically significant remains, but has been designated as 0 due to the possible remains of Churchdown Hillfort. However, the report considers that the site appears to consist of underground reservoirs with little archaeological potential, so there should be negligible effect on historic assets.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: N/A 0

Flood Zone 2: N/A 0

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (-) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Site name: Chosen Hill Reservoirs

LUC ID: 462

Area (ha): 4.98

District: Tewkesbury

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment. The fluvial risk to the site is low, but some risk is posed by an unnamed drain, and the assessment suggests that alternative sites should be developed in preference to this site.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: The site is located on land that has been developed, but adjoining woodland and open countryside. This site could have major positive effects on protecting soil/land quality as it is a large site located entirely on previously developed land. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Tewkesbury Borough Council identified the site as a concern due to the burial ground to the north.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via minor and unclassified roads to reach the A40. In addition, the Highways assessment has noted that access is via an unsuitable lane, so this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Chosen Hill Reservoirs

LUC ID: 462

Area (ha): 4.98

District: Tewkesbury

SA Objective 21: Use of primary materials	SA Judgement: +

Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: 0

Industrial estates:	Not within an existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

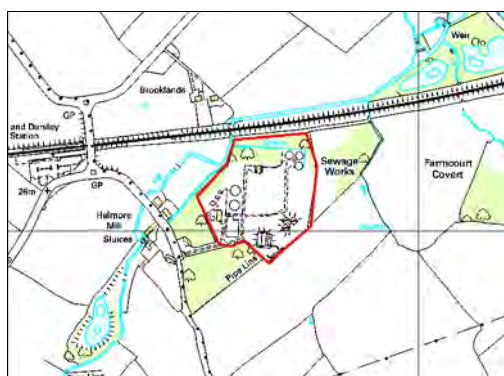
Objective 22 justification:	Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Coaley STW

LUC ID: 464

Area (ha): 4.21

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	0
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within 250m of a very few sensitive receptors since it is located in a small area of woodland/farmland according to GCC site assessment. This includes a couple of residential properties to the north of the site (Brooklands, across a railway line) and the adjacent Cam and Dursley railway station, as well as some neighbouring properties in Box Road beyond the 250m boundary. The development of a waste facility could have negative effects on health and well-being for the few properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Site name: Coaley STW

LUC ID: 464

Area (ha): 4.21

District: Stroud

Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site is located in open countryside with a few sensitive receptors within 250m of the boundary, which could be negatively affected by noise and vibration from waste traffic movements. In addition, since the site is adjacent to existing waste management facilities there is also the potential for a cumulative effect.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+
Objective 4 justification:	This site contains an existing waste management facility (Sewage Treatment Works) but is not adjacent to a site allocated in the current Waste Local Plan, thus it has potential for effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.	
SA Objective 8: Biodiversity		SA Judgement: +?
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0

Site name: Coaley STW

LUC ID: 464

Area (ha): 4.21

District: Stroud

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as +* by GCC Ecologist and GCER	+
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is located within 6,800m thus there is likely to be negligible effects on biodiversity. However, the more detailed GCC Ecology assessment has assessed the site as +* since the identified ecological constraint (e.g. Priority species otter, water vole) is an aquifer/surface/flood water dependent site greater than 250m, and up to and including 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Vale of Berkeley and Settled Unwooded Vale landscape character features. Due to the location of the site more than 1km from an AONB, and adjacent to an existing waste management facility (STW), there should be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	0

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment notes that this site is surrounded by a small area of woodland/farmland with the railway line running to the north of the site boundary, but is quite well screened with mature trees and shrubs. It is therefore unlikely to be prominent in the landscape and should have no effects on these assets.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	-

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	GCC site assessment notes a network of footpaths crossing the site boundary, and GIS analysis confirms there are paths leading from the north and west, and across the railway line linking to PROW in the south and east. Although no diversions will be necessary, there is unlikely to be any opportunity for any enhancements to the PROW network although some minor re-routing may be required,	

Site name: Coaley STW

LUC ID: 464

Area (ha): 4.21

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therefore there could be potential for minor negative effects on recreational access.

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

RIGGS:	More than 500m from a RIGGS	0

Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage	SA Judgement:	+ +

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0

Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0

Listed Buildings:	More than 100m from a Listed Building	0

Conservation Areas:	Uncertain due to lack of spatial information	?

World Heritage Sites:	More than 250m from a Registered Battlefield	0

GCC Archaeology assessment:	Scores positive (++) in GCC Archaeology Team site assessment	+ +

Objective 13 justification:	The GCC Archaeology report states that no known archaeology is on the site, although remains could survive in undeveloped areas, and therefore there are significant positive effects on historic assets, since re-development may allow for further investigation.

SA Objective 14: Flooding	SA Judgement:	0

Flood Zone 1:	Not within Flood Zone 1	N/A

Flood Zone 2:	Partially or entirely within Flood Zone 2	-

Flood Zone 3:	Partially or entirely within Flood Zone 3	--

GCC flood assessment:	GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0)	0

Objective 14 justification:	The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 2, although the northern part of the site is affected by Flood Zones 2, 3a and 3b. The GCC Flood risk assessment indicates that site may have some potential for waste uses through certain conditions (score 0). The assessment notes that the River Cam is culverted through the railway line along the northern boundary of the site, and an unnamed drain appears to back up behind the culvert affecting the site.

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement:	+/-

Previously developed land:	Partially on Previously Developed Land	+

Site name: Coaley STW

LUC ID: 464

Area (ha): 4.21

District: Stroud

Agricultural land classification:	partially within grade 1, 2 or within grade 3 BMV	-
Site size:	Small to medium (i.e. less than 5ha)	
Objective 16 justification:	A small site (4ha) located on land that has been partially developed, but within 250m of farmland classified as grade 3 agricultural land. This site could have minor positive effects on protecting soil/land quality, as it is a small site located partially on previously developed land. However, overall it has a mixed effect due to a small part of the site being within/adjacent to grade 3 agricultural land. The GCC site assessment notes that the site and adjoining land is not classified as being contaminated, and Stroud District Council have confirmed that re-development would provide an opportunity for investigation and remediation.	
SA Objective 17: Air quality		SA Judgement: -
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via unclassified local roads to reach the A38/A4135. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: ++/-
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access	++
Objective 19 justification:	The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 22: Adapt to climate change		SA Judgement: 0
Industrial estates:	Not within an existing industrial estate	0
Known/proposed CHP user:	Uncertain due to lack of spatial information	?

Site name: Coaley STW

LUC ID: 464

Area (ha): 4.21

District: Stroud

**Objective 22
justification:**

The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective.

Site name: Stanley Downton STW

LUC ID: 465

Area (ha): 12.22

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is a large sewage treatment works located in a rural location with no sensitive receptors within 250m, therefore development of a waste facility on the site should have negligible effects on health and well-being.

SA Objective 2: Educate and maximise community participation	SA Judgement:	+?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site is located in a rural location and is greater than 250m from all sensitive receptors. Despite being adjacent to an existing waste management facility, due to the distance of the site from the nearest sensitive receptors it is unlikely to have a cumulative effect on the local community.

Site name: Stanley Downton STW

LUC ID: 465

Area (ha): 12.22

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Not within an existing industrial estate		0
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	This site contains an existing waste management facility (Sewage Treatment Works) thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	0
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites		--
BAP species:	Within the boundary of BAP Species		--
BAP habitat:	Within the boundary of BAP Habitat		--

Site name: Stanley Downton STW

LUC ID: 465

Area (ha): 12.22

District: Stroud

Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI is within 9,700m of the site, thus there is likely to be negligible effects on biodiversity. However, the SNA Severn Vale Frome Valley borders the site, and the River Frome is also a Key Wildlife Site within 250m, as is the Five Acre Grove GWT Nature Reserve. However, the more detailed GCC Ecology assessment has scored the site as 0* in relation potentially negative, uncertain or positive effects on identified ecological constraint (e.g. Priority Habitat Ancient and Semi-Natural Woodland, Priority species, e.g. Water Vole) since there are aquifer/surface/flood water dependent sites up to an including 250m and over 1km distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Vale of Berkeley, Settled Unwooded Vale landscape character features. Due to the location of the site more than 1km from an AONB, and within an existing sewage treatment facility site, there should not be an effect against this objective.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment notes that this site is within a medium sized sewage treatment works located in a rural location. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	GCC site assessment and GIS analysis notes a network of footpaths around three sides of the site linking to other PROW in the south and north of the site. Although no diversions will be necessary, there is unlikely to be any opportunity for any enhancements to the PROW network although some minor re-routing may be required, therefore there could be potential for minor negative effects on recreational access.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0

Site name: Stanley Downton STW

LUC ID: 465

Area (ha): 12.22

District: Stroud

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** 0

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The GCC Archaeology assessment indicates that there is a Listed railway underpass which acts as the entrance to the site, but considers that there should no effects on the setting of this listed building. However, if there were any plans to modify or demolish this structure for a potential waste management facility this would require approval.

SA Objective 14: Flooding **SA Judgement:** ++

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) ++

Flood Zone 2: Not within Flood Zone 2 -

Flood Zone 3: Not within Flood Zone 3 --

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment. Although the River Frome flows to the north of the site it does not enter the site, and in summer 2007 came to within 8m of the site boundary, but did not affect the site itself.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +/-

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: partially within grade 1, 2 or within grade 3 BMV -

Site size: Large (i.e. over 5ha)

Site name: Stanley Downton STW

LUC ID: 465

Area (ha): 12.22

District: Stroud

Objective 16 justification: GCC site assessment notes that the site is located on land that has been partially developed, but GIS analysis indicates that small parts of the site are within 100m of grade 3 agricultural quality land, and therefore there is a mixed effect on protecting soil quality. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Stroud District Council has added that no remediation plans have been considered for the site and re-development would provide an opportunity for remediation to be undertaken.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via an unclassified road, Downton Road, to reach the A419. In addition the assessment notes that there are significant access problems due to a single track road and low bridge. Therefore this site could have a minor negative impact on protecting air quality although it is not within 1km of an AQMA and this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +/-

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

Objective 19 justification: The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** 0

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: Since the site is greater than 250m from an industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Stanley Downton STW

LUC ID: 465

Area (ha): 12.22

District: Stroud

Site name: Hayden STW

LUC ID: 468

Area (ha): 14.98

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A large site surrounded by open countryside, but within 250m of a few sensitive receptors which could be negatively affected by noise and vibration from waste traffic movements. These include properties to the east along Hayden Lane some distance away but still within 250m, and Fiddlers Green Farm just beyond the 250m boundary. Development of a waste facility on the site could have the potential for negative effects on health and well being for the few properties within 250m of the site, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	0
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Hayden STW

LUC ID: 468

Area (ha): 14.98

District: Tewkesbury

Objective 3 justification: The site is located within 250m of a few residential properties which could be negatively affected by noise and vibration from waste traffic movements. In view of the presence of an existing waste facility (STW) within the site there is also likely to be a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site contains an existing waste management facility (Sewage Treatment Works) thus it could have potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Site name: Hayden STW

LUC ID: 468

Area (ha): 14.98

District: Tewkesbury

Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0*
Objective 8 justification:	The Innsworth Meadow SSSI is located within 5,479m, and the Key Wildlife Site Fiddlers Green Lane Meadow within 350m of the site. The more detailed GCC Ecology assessment has scored the site as 0* in relation to potentially negative, uncertain or positive effects since the identified ecological constraint (e.g. Priority Habitat Lowland meadows, Priority species e.g. Song Thrush, Dunnock, White Letter Hairstreak) is an aquifer/surface/flood water dependent site up to, and including 250m distant. The potential for significant effects on the SAC/SPA/Ramsar would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Vale of Gloucester and Settled Unwooded Vale landscape character features. Due to the location of the site more than 1km from an AONB, and adjacent to an existing waste management facility, there should be no effects against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	0
Objective 10 justification:	GCC site assessment notes that this is a major sewage treatment works surrounded by open countryside, but fairly close to neighbouring residential areas (Hayden, Fiddler's Green) as well as a hotel. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There are no PROW within the site, but there is a footpath running adjacent to the site boundary to the east. The GCC site assessment confirms that no diversion will be necessary and due to existing footpaths enhancements are unlikely, therefore there should be minor positive effects on recreational access.	

Site name: Hayden STW

LUC ID: 468

Area (ha): 14.98

District: Tewkesbury

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.		
SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (++) in GCC Archaeology Team site assessment		++
Objective 13 justification:	The GCC Archaeology report states that there is no known archaeology on the site, although remains could survive in undeveloped areas, and therefore there are positive effects on historic assets since re-development may allow for further investigation.		
SA Objective 14: Flooding		SA Judgement:	++
Flood Zone 1:	Entirely within Flood Zone 1		++
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		++
Objective 14 justification:	This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment. The assessment notes that no culverts are known to exist within the site boundary, however a drain is located outside of the western boundary and may be culverted through part of the site. This would need to be confirmed as part of an FRA if the site were to be considered for a strategic waste facility.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	On Previously Developed Land		+

Site name: Hayden STW

LUC ID: 468

Area (ha): 14.98

District: Tewkesbury

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This site could have a minor positive effect on protecting soil/land quality as it is a large site mainly on previously developed land. However, since it is within 100m of surrounding grade 3 agricultural land this could have a minor negative effect, giving an overall mixed score. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, but Tewkesbury Borough Council has identified the site as being of some concern since there is believed to be sewage sludge stored on the site.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access on to the Strategic Highway Network, and would require access via Hayden Lane, B4634/B4063. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate 0

Known/proposed CHP user: Uncertain due to lack of spatial information 0

Site name: Hayden STW

LUC ID: 468

Area (ha): 14.98

District: Tewkesbury

**Objective 22
justification:**

The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an existing SVT plant may offer some positive benefits in relation to this objective, but this remains uncertain.

Site name: Lower Lode STW/WRW

LUC ID: 472

Area (ha): 3.54

District: Tewkesbury



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SA Objective 1: Health and well-being	SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within a Water Reclamation Works/Sewage Treatment Works in open meadows to the west of Tewkesbury, and more than 250m from any sensitive receptors, therefore development of a waste facility on the site should have negligible effects on health and well-being.

SA Objective 2: Educate and maximise community participation	SA Judgement:	+?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement:	0

Existing residential:	Over 250m from existing residential properties	0
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	0

Objective 3 justification: The site is located to the west of Tewkesbury with no sensitive receptors within 250m of the boundary which could be negatively affected by noise and vibration from waste traffic movements. Although there is an existing waste facility within 250m of the site, there is unlikely to be a cumulative effect on the local community from development of this site due to the distance from the nearest sensitive receptors.

Site name: Lower Lode STW/WRW

LUC ID: 472

Area (ha): 3.54

District: Tewkesbury

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Not within an existing industrial estate		0
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities		+
Objective 4 justification:	This site contains an existing waste management facility (Water Reclamation Works/Sewage Treatment Works) although it is not adjacent to a Waste Local Plan site. However, it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	Within 500m of SSSI		-
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites		-

Site name: Lower Lode STW/WRW

LUC ID: 472

Area (ha): 3.54

District: Tewkesbury

BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-*
Objective 8 justification:	The Ashleworth Ham SSSI (6,766m), Coombe Hill Canal SSSI (4,315m) and Chaceley Meadows SSSI (2,700m) are internationally and nationally designated sites for which there should be negligible effects on biodiversity due to distance from the site. However, the more detailed GCC Ecology assessment has scored the site as -* in relation to the Severn Ham, Tewkesbury SSSI nationally designated site (155m), since it is an aquifer/surface/flood water dependent site for which the overall impact could be potentially negative or uncertain, and up to and including 1km distant. The potential for significant effects on the SAC/SPA/Ramsar sites would need to be assessed through the Habitats Regulations Assessment.	

SA Objective 9: Landscape	SA Judgement: 0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Vale of Gloucester and Settled Unwooded Vale, and a small area within the River Meadow landscape character features. Due to the location of the site within an existing Sewage Treatment Works/Water Reclamation Works and being more than 1km from an AONB, there should not be an effect against this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement: +?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment notes that this is a small Water Reclamation Works/Sewage Treatment Works close to Tewkesbury Borough Council Offices and Depot and there are residential areas beyond the 250m boundary so the site could be visible in the landscape. However, the assessment notes that there are large amounts of open space surrounding the existing buildings, possibly containing underground tanks so there could potential for positive effects through innovative design to be achieved. However, the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: +/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PRoW network where there is an opportunity for the existing route to be enhanced	+

Site name: Lower Lode STW/WRW

LUC ID: 472

Area (ha): 3.54

District: Tewkesbury

Objective 11 justification: GCC site assessment and GIS analysis indicates that there are no PROW present on site, but there is an existing network linking to Lower Lode Lane and there may be potential to enhance existing routes which could have a minor positive effect on recreational access. However, there are leisure/recreational facilities within 250m of the site including a golf course, and sailing club and there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: Within 500m of SSSI -

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: Although the site is within 250m of Severn Ham, Tewkesbury SSSI, the GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **- -**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: More than 100m from a Conservation Area 0

World Heritage Sites: Within a Registered Battlefield - -

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The GCC Archaeology report states that the site lies within the Tewkesbury Registered Battlefield site and therefore development on the site could have significant negative effects on these historic assets. In addition, the site is more than 100m from Tewkesbury Conservation Area and could have negative effects on the setting of scheduled monuments and listed buildings.

SA Objective 14: Flooding **SA Judgement:** **0**

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being predominantly in Flood Zone 2, but is also affected by Flood Zones 3a and 3b on the northern extent of the site. Flood Zone 2 has been used to represent the 1 in 100 year plus Climate Change scenario, but the actual levels and extent would need to be verified by a FRA. The GCC Flood risk assessment assessment indicates that site may have some potential for waste uses through certain conditions (score 0).

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Site name: Lower Lode STW/WRW

LUC ID: 472

Area (ha): 3.54

District: Tewkesbury

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +/-

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: A small site (4ha) located on land that has been partially developed thus having a minor positive effect on soil/land quality. However, it adjoins some farmland/meadows containing grade 3 and 4 agricultural land, and would therefore have a minor negative effect, so overall the site will have mixed effects. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, nor has it identified any concerns about the site, apart from flood risk.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Within 1km of Air Quality Management Area (AQMA) -

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as low within the GCC Highways assessment as it has remote road access to the Strategic Highway Network via an unclassified road to the A38, and therefore this site would have a minor negative impact on protecting air quality. In addition, the site is within 1km of Tewkesbury AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +/-

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** +?

Industrial estates: Not within an existing industrial estate 0

Site name: Lower Lode STW/WRW

LUC ID: 472

Area (ha): 3.54

District: Tewkesbury

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

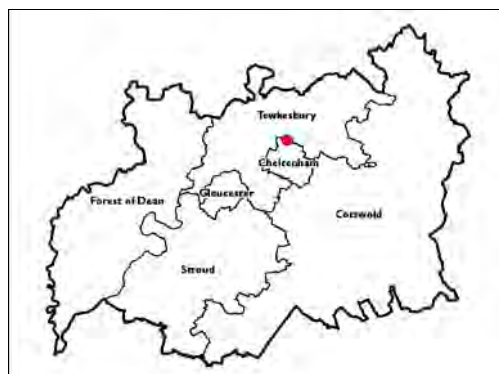
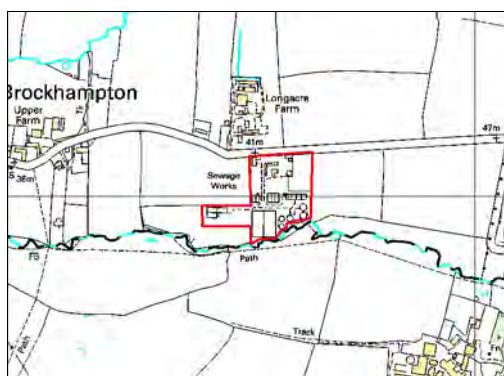
Objective 22 justification:	The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process next to an existing waste facility may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site, and if water/rail transport were to be viable for this site.

Site name: Brockhampton STW

LUC ID: 502

Area (ha): 2.23

District: Tewkesbury



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: A small site located in open farm land with very few sensitive receptors within 250m of the site boundary, apart from Longacre Farm which is within 100m-250m of the site boundary. However, Brockhampton Village lies just beyond the 250m boundary and therefore development of a waste facility on the site could have the potential for negative effects on health and well being for the few properties adjacent or within the site boundary. However, this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Brockhampton STW

LUC ID: 502

Area (ha): 2.23

District: Tewkesbury

Objective 3 justification: The site is located within 100m-250m of one sensitive receptor (Longacre Farm) and just beyond residential properties in neighbouring Brockhampton Village which could be negatively affected by noise and vibration from waste traffic movements. There is therefore the potential for negative effects on the amenity of the few local residents and communities including cumulative effects due to proximity to an existing waste facility.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Not within an existing industrial estate 0

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: Adjacent to existing waste management facilities +

Objective 4 justification: This site contains an existing waste management facility (Sewage Treatment Works) and is more than 250m, but adjacent to a site allocated in the current Waste Local Plan, thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **+?**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

Site name: Brockhampton STW

LUC ID: 502

Area (ha): 2.23

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	More than 500m from BAP Species	0
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site is more than 500m from international (SAC, RAMSAR, SPA) and national (NNR, SSSI) nature conservation designations. Wingmoor Farm Meadow GWT Reserve is a local Key Wildlife Site within 895m of the site so there should be negligible effects on biodiversity. The more detailed GCC Ecology assessment has assessed the site as potentially having uncertain or potentially positive effects on biodiversity (+) since the identified ecological constraint is greater than 250m distant and up to and including 1km distant. However, this would be very dependent on the exact nature and proposed design of the planned waste facility type, which would not be known until the planning application stage.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Not within an existing industrial estate	?
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	GCC site assessment notes that this site is not within or adjacent to an AONB, but is situated within open farm land and contains Vale of Gloucester and Settled Unwooded Vale landscape character features. It is more than 1km from an AONB and due to the location within an existing sewage treatment plant there may be no effects on this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	GCC site assessment notes that this is a small sewage treatment works located close to two farms with only low hedging around most of the site so it may be visible within the landscape, and from Brockhampton Village which is nearby. There may be potential for positive effects through innovative design to be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	0

Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0

Site name: Brockhampton STW

LUC ID: 502

Area (ha): 2.23

District: Tewkesbury

Objective 11 justification: GCC site assessment notes there are PROW within 250m of the site, and GIS analysis confirms the existence of two footpaths running to the north and south of the site boundaries. Therefore, no diversions will be required, but no enhancement are unlikely so there will be no effects on this objective.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** + +

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (++) in GCC Archaeology Team site assessment + +

Objective 13 justification: The GCC Archaeology report states that no known archaeology exists on the site, although remains could survive in undeveloped areas, and therefore there are significant positive effects on historic assets, since re-development may allow for further investigation.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being predominantly in Flood Zone 1, but is affected by Flood Zones 2, 3a and 3b, and should therefore have a minor positive effect on this objective. Flood Zone 2 marginally affects the southern extent and Flood Zones 3a/3b affect only a small part of the south eastern corner. The GCC Flood risk assessment assessment indicates that site may have some potential for waste uses through certain conditions (score 0). It also recommends that the levels and extent of the Climate Change situation should be verified by a FRA.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

Site name: Brockhampton STW

LUC ID: 502

Area (ha): 2.23

District: Tewkesbury

SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	Partially on Previously Developed Land		+
Agricultural land classification:	partially within grade 1, 2 or within grade 3 BMV		-
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	A small site (4ha) located on land that has been partially developed giving a minor positive effect, but also within 100m-250m of grade 3 agricultural quality land so having a minor negative effect on soil/land quality. Therefore there are mixed effects on this objective. The GCC site assessment confirms that the site or adjoining land is not classified as contaminated land, nor have Tewkesbury Borough Council identified the site as one of concern.		
SA Objective 17: Air quality		SA Judgement:	-
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as poor by the GCC Highways assessment as it has low potential for direct access onto the Strategic Highway Network, and would require access via an unclassified road to reach the A435. Therefore this site could have a minor negative impact on protecting air quality, although it is not within 1km of an AQMA and this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	-
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	+?
Industrial estates:	Not within an existing industrial estate		0
Known/proposed CHP user:	Uncertain due to lack of spatial information		?

Site name: Brockhampton STW

LUC ID: 502

Area (ha): 2.23

District: Tewkesbury

**Objective 22
justification:**

The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop. The opportunity to co-locate a waste management process on an STW which is also close (not within 250m) to a site within the Waste Local Plan may offer some positive benefits in relation to this objective. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Longhope STW

LUC ID: 510

Area (ha): 2.06

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The site is within 250m of scattered residential properties, so there is potential for a negative impact on health and well-being.	

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site is within 250m of residential properties so there is potential for a negative effect on the amenity of local communities. In addition, the fact that the site is already used for sewage treatment works means that there is potential for a cumulative impact.	

SA Objective 4: Sustainable economic development		SA Judgement: +?

Site name: Longhope STW

LUC ID: 510

Area (ha): 2.06

District: Forest

Industrial estates:	Not within an existing industrial estate	0
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	The site contains existing waste management facilities (sewage treatment works) so there is potential for a positive impact on local sustainable economic development if complementary activities to waste management were to be encouraged. The score is uncertain as it is dependent on the nature of any facility to be developed.	

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement: 0

Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities	SA Judgement: -

GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement: 0

Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The site lies outside of all aerodrome safeguarding zones, therefore is not expected to have an effect on this objective.	

SA Objective 8: Biodiversity	SA Judgement: -/+?

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	Within 500m of SSSI	-
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	More than 500m from BAP Species	0
BAP habitat:	Within 500m of BAP Habitat	0
Ancient woodland:	Within 500m of Ancient Woodland	-

Site name: Longhope STW

LUC ID: 510

Area (ha): 2.06

District: Forest

GCC ecology assessment: Scored as + by GCC Ecologist and GCER +?

Objective 8 justification: The site has been assessed by GCC as having a potentially uncertain or positive impact on biodiversity. However, the site is within 500m of a SSSI (Longhope Hill), three Key Wildlife Sites (Flaxley Woods, Blaisdon Wood and Coleman's Wood) and two sites of Ancient Woodland (Blaisdon Wood and Flaxley Wood), so the overall impact of development here would be mixed.

SA Objective 9: Landscape **SA Judgement:** -?

Industrial Estates: Not within an existing industrial estate -

AONB: More than 1 km from an AONB 0

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity: Uncertain due to lack of spatial information ?

Objective 9 justification: The site is not within or adjacent to an existing industrial estate, so development here could have a negative impact on the landscape. However this is uncertain and will depend on the nature of the facility to be developed as there is already a sewage treatment works located on the site.

SA Objective 10: Screening and/or innovative design **SA Judgement:** ?

Prominence: Uncertain due to lack of spatial information ?

Objective 10 justification: The GCC site assessment does not review the screening potential of the site.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** - -

Open space/recreation/leisure: Includes a leisure, recreational facility or open space - -

PROW: Includes a PROW - -

GCC PROW assessment: Identified as having an impact on the PROW network with some minor re-routing required. -

Objective 11 justification: There is a small length of PROW on the site, and the GCC assessment found that development would have an impact, with some minor re-routing required. However, the site includes open space within and just outside of the boundary, so the overall impact of development here is expected to be significantly negative.

SA Objective 12: Geodiversity **SA Judgement:** -

SSSI: Within 500m of SSSI -

RIGGS: Uncertain due to lack of spatial information ?

Objective 12 justification: The site is 485m from a SSSI with geological features recorded (Longhope Hill), so development here could have a negative impact on geodiversity.

Site name: Longhope STW

LUC ID: 510

Area (ha): 2.06

District: Forest

SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	The only feature identified in the GCC site assessment was an old boundary relating to existing landscape patterns which is of little archaeological significance. The site has no heritage sites within close proximity to the boundary, so the overall impact of development on heritage is expected to be positive.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site lies predominantly in Flood Zone 1 and is only marginally affected by Flood Zones 2 and 3. The GCC assessment found that there are no records of historic flooding or flooding from sources including groundwater and surface water have not been recorded on the site. As such, the effect of development on the flood risk is expected to be positive.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	-
Previously developed land:	Partially on Previously Developed Land		-
Agricultural land classification:	Entirely within Grades 1, 2 or 3 BMV		-
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	The site is small (2ha) and lies entirely on grade 3 agricultural land. Although part of the site is occupied by a sewage treatment works, the remainder is as yet undeveloped, so the overall impact of development on soil/land quality would be expected to be negative.		
SA Objective 17: Air quality		SA Judgement:	-
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Longhope STW

LUC ID: 510

Area (ha): 2.06

District: Forest

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site has been assessed as poor in terms of its proximity to the strategic highways network via Velthouse Lane/the A4136. Development would therefore be expected to have a negative impact on local air quality, despite it not being within 1km of an AQMA, as vehicles would spend a larger amount of time travelling slowly on local roads.

SA Objective 18: Water quality **SA Judgement: 0**

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement: -**

**GCC sustainable
transport:** Assessed by GCC Highways as having no potential for rail and/or water transport -

**Objective 19
justification:** The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement: +**

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement: +**

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement: 0**

Industrial estates: Not within an existing industrial estate 0

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

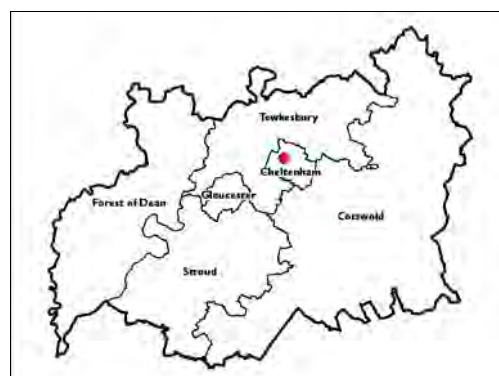
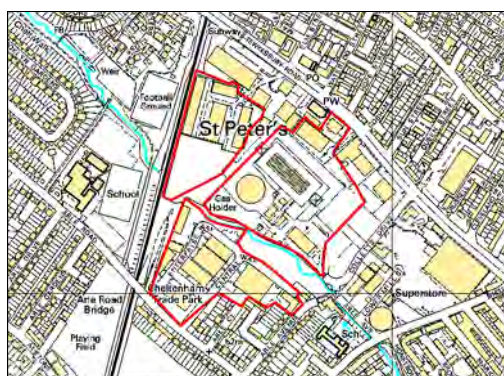
**Objective 22
justification:** The site is further than 250m from an industrial estate, so is not expected to have an effect on this objective.

Site name: Arle Road & Tewkesbury Road Sites

LUC ID: 518

Area (ha): 11.54

District: Cheltenham



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A large site split into three separate areas within a built-up area of Cheltenham and within 250m of numerous sensitive receptors, including residential housing areas on all sides, three schools and a church. In some places these receptors back directly onto the site boundary. The development of a waste facility could have negative effects on health and well-being for the properties within 250m of the site, however this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Within 250m of an existing waste management facility	-

Site name: Arle Road & Tewkesbury Road Sites

LUC ID: 518

Area (ha): 11.54

District: Cheltenham

Objective 3 justification:	The site is located within 250m of numerous sensitive receptors, including large areas of residential housing, three schools and a church, which could all be negatively affected by noise and vibration from waste traffic movements. There may also be potential cumulative effects in relation to an adjacent waste facility within 250m.
SA Objective 4: Sustainable economic development	
SA Judgement: +?	
Industrial estates:	Within or adjacent to existing industrial estate 0
Waste Local plan:	More than 250m from Waste Local Plan site 0
Proximity to existing waste facilities:	Within 250m of an existing waste management facility +
Objective 4 justification:	This site is divided into three areas. Area 1 to the north west is a newly constructed Business Centre (Neptune Business Centre) and located behind a DIY retail outlet according to GCC site assessment. Area 2 to the north east is taken up by Wales and West Utilities, while Area 3 to the south of the site (Cheltenham Trade Park) contains a mix of business and industrial units including Gloucestershire NHS Trust. In addition, the site has been identified in Cheltenham Borough Council's Employment Land Review, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recyclate generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.
SA Objective 5: Manage waste in an economically sustainable way	
SA Judgement: 0	
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.
SA Objective 6: Employment opportunities	
SA Judgement: + +	
GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. + +
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.
SA Objective 7: Safety of commercial or military aerodromes	
SA Judgement: -?	
Aerodrome safeguarding area:	Within aerodrome safeguarding area -?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for Gloucestershire Airport, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.
SA Objective 8: Biodiversity	
SA Judgement: 0	
SAC:	More than 500m from SAC 0
SPA:	More than 500m from SPA 0
Ramsar:	More than 500m from Ramsar site 0

Site name: Arle Road & Tewkesbury Road Sites

LUC ID: 518

Area (ha): 11.54

District: Cheltenham

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international, national, or local nature conservation designations, or BAP Priority Species and Habitats. The more detailed GCC Ecology assessment notes the overall impact on biodiversity is potentially positive or uncertain due to the identified ecological constraint being up to, and including 250m distant, and therefore there should be negligible effects on biodiversity.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, and contains Cheltenham Urban landscape character features. Due to the location of the three parts of this site within an existing large business/retail/light industrial area, and more than 1km from an AONB, there should not be an effect on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that Area 1 of the site contains a modern newly built Business Centre, while Areas 2 and 3 are longer established sites containing a mixture of business and industrial units. However, due to the location of the site close to residential housing areas, large retail stores, and sports facilities, the site may be partially prominent in the townscape. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened existing development. However, the site is in use for a mixture of retail and business uses and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	+

Site name: Arle Road & Tewkesbury Road Sites

LUC ID: 518

Area (ha): 11.54

District: Cheltenham

GCC PROW assessment: Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: There are no PROW within the site, but the GCC site assessment confirms that there are footpaths within the area and there may be opportunity for enhancements to existing routes, therefore there should be minor positive effects on recreational access. However, there are leisure/recreational facilities within 250m of the site including a sports ground, playing field, games court, football ground, BMX track and play area and club, as well retail outlets, so there could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: More than 100m from a Conservation Area 0

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: This site is within an existing retail/business use area but less than 100m-250m of cultural assets, including the Grade II* Listed St Peter's Church, and a Grade II industrial premises. However, the more detailed GCC Archaeology assessment states that the extent to which the listed buildings on site would impede further industrial development is not clear, since the setting of these two buildings may already be affected by later recent industrial development. Therefore, this site could potentially have a minor negative effect on townscape and heritage, due to proximity to listed buildings.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential flood risk from the River Chelt. Records of historical flooding show that a large part of site 518b, 518c were

Site name: Arle Road & Tewkesbury Road Sites

LUC ID: 518

Area (ha): 11.54

District: Cheltenham

affected by flooding in July 2007.

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality	SA Judgement: ++

Previously developed land:	On Previously Developed Land	++

Agricultural land classification:	Not within Grades 1, 2 or 3 BMV	0

Site size:	Large (i.e. over 5ha)

Objective 16 justification:	A medium sized site (12ha) located on land that has been developed, and currently used for a variety of business, industrial and retail uses. This site could have major positive effects on protecting soil/land quality in view of its size, and since it is located entirely on previously developed land. The GCC site assessment notes that the site is not classified as being contaminated, but Cheltenham Borough Council have identified the adjoining area of potential concern. The new Neptune Business Centre to the west of the gas works on the site and re-development would provide an opportunity for investigation and remediation.

SA Objective 17: Air quality	SA Judgement: +

AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+

GCC strategic highways assessment:

Objective 17 justification:	This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for direct access on to the Strategic Highway Network, and would have access directly to the A4019. In addition it is not within 1km of an AQMA, thus this site may potentially have a minor positive effects on protecting air quality. However, this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality	SA Judgement: 0

Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic	SA Judgement: ++

GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access	++

Objective 19 justification:	The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy	SA Judgement: +

Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials	SA Judgement: +

Site name: Arle Road & Tewkesbury Road Sites

LUC ID: 518

Area (ha): 11.54

District: Cheltenham

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement:	0

Industrial estates:	Within or adjacent to existing industrial estate	0

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

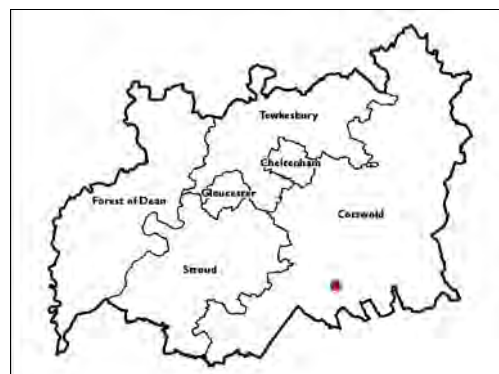
Objective 22 justification: Since the site is greater than 250m from an existing industrial estate or known/proposed user of CHP currently it would have no effect on this objective. The flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Love Lane, Cirencester

LUC ID: 525

Area (ha): 35.4

District: Cotswold



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: This large site is the main industrial site within Cirencester according to GCC site assessment located mainly to the south of the A419 and adjoining some farmland. However, there are a number of sensitive receptors within 250m including an adult centre, two schools, a nursery, a church and large areas of residential housing to the north/north west and east, as well as neighbouring offices. Large areas of development border the site directly. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-

Site name: Love Lane, Cirencester

LUC ID: 525

Area (ha): 35.4

District: Cotswold

Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site is located within 250m of many sensitive receptors, especially to the north/north west and east of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. Although there is an existing waste facility within 250m of the site, there is unlikely to be a cumulative effect on the local community from development of this site due to the site being within the existing main Industrial Estate for the town.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	This site is within an existing large Industrial Estate, and contains existing waste management facilities (Waste Transfer Station) and other uses including a Fire Station, garage, motor repairs, supermarket and energy company. According to GCC site assessment has been identified in the Cotswold Local Plan, and listed in Cotswold District Council's Employment Land Review thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	GCC site assessment indicates that the site is within the safeguarding/consultation area for MOD South Cerney zone, and therefore could have negative effects on this objective. However, this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0

Site name: Love Lane, Cirencester

LUC ID: 525

Area (ha): 35.4

District: Cotswold

National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within the boundary of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	Siddington Canal Key Wildlife Site is within 865m and the River Churn, also a Key Wildlife Site is within 75m of the site thus there is potential for a minor negative effect on biodiversity relating to mammal interest along the River Churn. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive due to the identification of important ecological constraint (e.g. Priority Species Small-Emerald, Blood-vein, Garden Tiger) up to and including 250m distant, and has scored the site as 0. Therefore, the potential effects on biodiversity are likely to be negligible.	

SA Objective 9: Landscape	SA Judgement:	-?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is less than 1000m from the Cotswolds AONB and contains Dip Slope and Lowland, Cirencester Urban, Mainly Kemble Dip Slope landscape character features, thus it could have negative effects on landscape character. However, since the site is also within an existing Industrial Estate containing an existing waste management facility, this effect is uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site adjoins open fields/countryside to the south, but is close to residential housing and other facilities, and spreads mainly to the south of the A419 dual carriage way, with a smaller section to the north of the road. It is located in the main Industrial Estate for Cirencester which contains an existing waste management facility, therefore positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	- -

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-

Site name: Love Lane, Cirencester

LUC ID: 525

Area (ha): 35.4

District: Cotswold

PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--
Objective 11 justification:	GCC site assessment notes there is a PROW and GIS analysis confirms the existence of a footpath running from north to south through the centre of the site linking to other footpaths. Therefore, there would be a major adverse impact on the PROW network which would require potential closure or a major deviation. The PROW team report notes that a diversion would be necessary but difficult to achieve and no enhancements are likely, and this would have a significant negative effect on recreational access. In addition, there is a leisure/recreational facility within 250m of the site, these are allotment gardens to the west of the site. There could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.	

SA Objective 13: Heritage	SA Judgement:	--

Scheduled Ancient Monuments:	Scheduled Ancient Monument present on site	--
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	--
Conservation Areas:	Within 100m of a Conservation Area	-
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)	--
Objective 13 justification:	The GCC Archaeology report indicates that the northern part of the site is within the Scheduled Monument of Roman Cirencester Town and there could be potential significant negative effects on archaeology and heritage. In addition, the site is within 100m of Cirencester Watermoor South Conservation Area and there are many Grade II Listed Buildings within 100m of the site. Therefore, this site could have a significant negative effect on the setting of townscape and heritage due to known remains of great importance and proximity to one Conservation Area.	

SA Objective 14: Flooding	SA Judgement:	+

Flood Zone 1:	Not within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	+

Site name: Love Lane, Cirencester

LUC ID: 525

Area (ha): 35.4

District: Cotswold

Objective 14 justification: The GCC flood risk assessment indicates that the site is mainly within Flood Zone 1, but affected by Flood Zones 2, 3a and 3b. Thus the site could have the potential for a minor positive effect on prevention of flooding and reduction of risk to public water supply. A small section of disused canal is located just outside the southern boundary of the site, and the River Churn flows in a southerly direction to the east of the site, but no historical records of flooding have been recorded in the site itself.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+/-**

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (35ha) located on land that has mostly been previously developed, and currently used as an Industrial Estate and could therefore have a minor positive effect on protecting soil/land quality. However, a small part of the site to the south adjoins grade 2 and 3 agricultural land and therefore gives a minor negative effect on soil/land quality. Overall there is a mixed score against this objective.

SA Objective 17: Air quality **SA Judgement:** **+**

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has good access via Love Lane to the A419. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality **SA Judgement:** **0**

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** **-/+**

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** **+**

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Love Lane, Cirencester

LUC ID: 525

Area (ha): 35.4

District: Cotswold

SA Objective 21: Use of primary materials	SA Judgement: +

Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change	SA Judgement: +?

Industrial estates:	Within or adjacent to existing industrial estate	+

Known/proposed CHP user:	Uncertain due to lack of spatial information	?

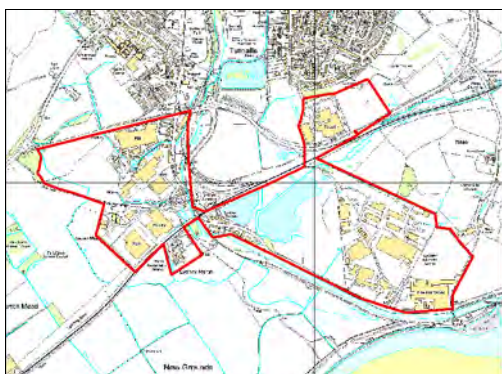
Objective 22 justification:	This site is within an existing large Industrial Estate containing a waste management facility (Waste Transfer Station) and could therefore have a minor positive effect with regards to this objective, if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Lydney Industrial Sites

LUC ID: 526

Area (ha): 118.83

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A very large site located to the south of Lydney and divided into three main areas with a few sensitive receptors within 250m of the site boundary to the south/south west which could be negatively affected by noise and vibration from waste traffic movements. There are residential dwellings to the north of the site, a church and cemetery, and residential properties to the north east. Development of a waste facility on the site could have the potential for negative effects on health and well being, although this is uncertain because of the uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Lydney Industrial Sites

LUC ID: 526

Area (ha): 118.83

District: Forest

Objective 3 justification: The site is located within 250m of some residential properties, a church and a cemetery to the north/north east. As such, there is potential for significant negative effects on the amenity of local residents and communities situated within 250m of the site. There may also be a cumulative effect on the local community from development of this site due to four existing waste management facilities.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: Adjacent to site from Waste Local Plan +

Proximity to existing waste facilities: Adjacent to existing waste management facilities +?

Objective 4 justification: This site is within an existing large Industrial Estate, and contains four existing waste management facilities. GCC site assessment notes that the site was listed in Forest of Dean District Council's Employment Land Review, identified in the Forest of Dean Local Plan, and is a site within the Gloucestershire Waste Local Plan. There are three main areas to the site, the smallest is Area 1 to the north containing Federal Mogul; the largest is Area 2 south of the railway line containing Lydney Industrial Estate with some vacant land; while Area 3 is to the south of the A48 and north of the railway line and includes Lydney Paper Mill, Royal Mail and a tyre company. Thus the site has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to existing waste management facilities.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: Within 500m of SAC -

SPA: Within 500m of SPA -

Ramsar: Within 500m of Ramsar site -

National Nature Reserve: More than 500m from NNR 0

Site name: Lydney Industrial Sites

LUC ID: 526

Area (ha): 118.83

District: Forest

SSSI:	Within 500m of SSSI	-
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:		
BAP habitat:		
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	The Severn Estuary SAC/SPA/Ramsar/SSSI and Lydney Cliff SSSI are within 500m of this site, and Lydney Town Marsh and Sidings Key Wildlife Site lies within the site boundary, thus there is potential for a significant negative effect on biodiversity. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative or uncertain including potential impact on an internationally designated site, due to the identification of important ecological constraint (Priority Habitat of Coastal saltmarsh and some Priority species e.g. Viviparous Lizard, Slow-worm) greater than 250m and up to and including 1km distant.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB. Due to the location of the site within an existing large Industrial Estate, there may be no effects against this objective. However, this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that this site is split into three areas, and describes Area 2 as being the largest with mainly old industrial units, with the western section containing open ponds, and a small business park to the north west. Area 3 is a mixture of large industrial units and open fields, with a few dwellings in the south east corner. However, the site is an existing large Industrial Estate containing three existing waste management facilities, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--

Site name: Lydney Industrial Sites

LUC ID: 526

Area (ha): 118.83

District: Forest

GCC PROW assessment: Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required - -

Objective 11 justification: GCC site assessment notes there is a PROW and GIS analysis confirms the existence of footpaths running within all three of the site areas linking with other PROW. Therefore, there would be a major adverse impact on the PROW network which would require potential closure or a major deviation. The PROW team report notes that a diversion may be necessary and no enhancements are likely, and this would have a significant negative effect on recreational access. In addition, there are leisure/recreational facilities within 250m of the site, including a playground, club, golf course, recreation area and boating lake to the north and east of the site. There could be potential minor negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: Within 500m of SSSI -

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment indicates that there is a nearby SSSIs with geological features recorded at Lydney Cliff within 340m. There should be negligible effects on this objective, due to known existing waste management facilities operating from this site already.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: Within 100m of a Scheduled Ancient Monument -

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Within 100m of a Conservation Area -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is within an existing Industrial Estate and within 100m-250m of historic assets, including Listed Buildings within the site boundary, and its location within 100m of Lydney Conservation Area. However, the more detailed GCC Archaeology assessment notes that the setting of these listed building may already have been affected by later industrial development. Therefore, this site could have a major negative effect on on surrounding townscape and heritage, due to proximity to listed buildings and Lydney Conservation Area.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Site name: Lydney Industrial Sites

LUC ID: 526

Area (ha): 118.83

District: Forest

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being mainly in Flood Zone 3b which has the potential for a significant negative effect on flooding and reduction of risk to public water supply, and scored very negatively in the assessment, due to historical flood risk and potential fluvial flood risk from the River Lyd and River Severn. The part of the site located to the north east lies predominantly in Flood Zone 1, while fifty per cent of the north western part of the site is located in Flood Zone 2, 3a and 3b. The assessment notes that a series of defences are located along the River Severn to the south of the site, and the risk from breach or overtopping would need to be investigated as part of a Level 2 SFRA, as well as residual risk from various watercourses as part of a FRA.

SA Objective 15: Prevent pollution

SA Judgement: N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality

SA Judgement: +/-

Previously developed land: Partially on Previously Developed Land

+

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV

-

Site size: Large (i.e. over 5ha)

Objective 16 justification: A very large site (119ha) located on land that has mostly been previously developed, and currently used as an Industrial Estate, but with some derelict and vacant areas, as well as open land, and could therefore have a minor positive effect on protecting soil/land quality. However, parts of the site to the south/west and east adjoin grade 1, 3 and 4 agricultural quality land and therefore could have a minor negative effect on soil/land quality, and overall gives a mixed score against this objective. GCC site assessment notes that no information was made available in relation to potential contamination on this site.

SA Objective 17: Air quality

SA Judgement: +

AQMA: Beyond 1km of Air Quality Management Area (AQMA)

+

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it has reasonable potential for direct access on to the Strategic Highway Network, and would require access via an unclassified road and the A48. Therefore, this site may have a minor positive effect on air quality, and additionally it is beyond 1km of an AQMA. However, this impact is very dependent on the design and potential mitigation measures proposed, which would be assessed at the planning application stage.

SA Objective 18: Water quality

SA Judgement: 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic

SA Judgement: ++

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access

++

Objective 19 justification: This site has been assessed as having high potential for rail/and or water based transport. It could therefore have a major positive impact on reducing impacts of road traffic to and from the site if these facilities were developed for transporting waste. It has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

Site name: Lydney Industrial Sites

LUC ID: 526

Area (ha): 118.83

District: Forest

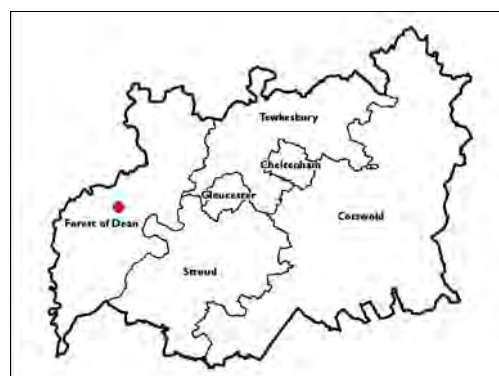
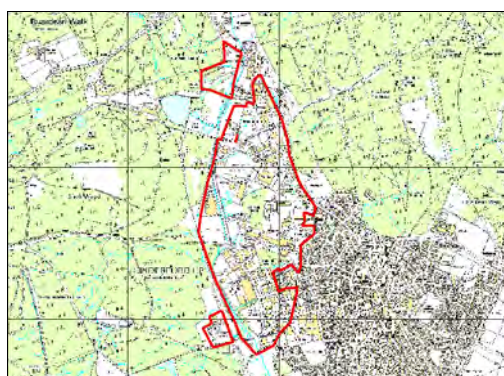
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	This site is within an existing large Industrial Estate containing existing waste management facilities and could therefore have a minor positive effect with regards to this objective, particularly if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this is uncertain, and will depend on the nature of the facility that would be developed on the site.	

Site name: Cinderford Industrial Sites

LUC ID: 527

Area (ha): 90.91

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A large site on the outskirts of Cinderford and within 250m of many sensitive receptors including a school, two churches, a rehabilitation centre and large areas of residential housing, mainly to the south east of the site. There are also dwellings within the 100m site boundary at Steam Mills to the north. Development of a waste facility on the site could have the potential for negative effects on health and well-being, although this is uncertain depending on the type of facility that would be developed on the site at this stage, and the mitigation measures that may be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Cinderford Industrial Sites

LUC ID: 527

Area (ha): 90.91

District: Forest

Objective 3 justification: The site is located within 100m-250m of many sensitive receptors which could be negatively affected by noise and vibration from waste traffic movements. In addition, there is also the potential for cumulative effects on the local community due to proximity to existing waste management facilities.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: Adjacent to site from Waste Local Plan +

Proximity to existing waste facilities: Adjacent to existing waste management facilities +?

Objective 4 justification: GCC site assessment confirms that this site is within an existing Industrial Estate, and contains five existing waste management facilities and is adjacent to a site allocated in the current Waste Local Plan. Existing industrial uses include Biffa Waste Services and Severn Trent Water, a recycling company, a car dismantling plant, and some retail facilities. Thus it has potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Not within aerodrome safeguarding area -?

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

LNR: More than 500m from LNR 0

Site name: Cinderford Industrial Sites

LUC ID: 527

Area (ha): 90.91

District: Forest

Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within 500m of BAP Habitat	--
Ancient woodland:	Within the boundary of Ancient Woodland	--
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	Two local Key Wildlife Sites (Hawkwell Inclosure, and Laymoor Quag GWT Nature Reserve) and Ancient Woodland Site (Crabtree Ption (East) are within 500m of the site, thus there is potential for a significant negative effect on biodiversity. However, the more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive due to the identification of important ecological constraint (probably Priority Habitat of lowland calcareous grassland and purple moor grass and rush pasture, and Priority Species e.g. Great Crested Newt, Otter) up to and including 250m distant. Therefore, the potential effects on biodiversity are likely to be negligible.	

SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The GCC site assessment notes that this site is not within or adjacent to an AONB, but contains Wooded Syncline and Settled Forest Margin, Cinderford and Ruspidge landscape character features. It is more than 1km from an AONB and is also within an existing large Industrial Estate thus it is not considered to have an effect against this objective.	

SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment notes that the site contains a mixture of industrial units in size and age, with newer units along the western boundary. There is also a large amount of vacant land currently used for storage purposes. However, due to its location close to residential properties in Steam Mills and proximity to Cinderford the site may be partially prominent in the landscape. For example, it may be visible from a small number of sensitive receptors, or from transient views from roads, but may be screened by woodland or existing development such as industrial warehousing. However, the site is an existing Industrial Estate, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: --
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	--
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--

Site name: Cinderford Industrial Sites

LUC ID: 527

Area (ha): 90.91

District: Forest

Objective 11 justification: The GCC site assessment notes there is a network of up to three footpaths crossing the site, therefore there could be a major adverse impact on PROW requiring a potential closure and diversion, although no enhancements to the footpath network are likely. In addition, there are leisure/recreational facilities within 100m-250m of the site including three playgrounds, two playing fields, an adult training centre, and two clubs (the GIS also shows a cricket ground within the site but it is not known if this is still functional) so there could be potential major negative effects on leisure and recreational activities assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: This site is within an existing Industrial Estate but within 100m or 250m from cultural and historic assets. In addition, the GCC Archaeology assessment states that the site has been designated as having a major negative impact (--) on historic heritage since it contains evidence for the Forest of Dean extractive industries and related sites, including the Lightmoor Colliery tramroad and mineral railway, and there is a Listed Building within the site boundary. Therefore there could be significant negative effects on these assets.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site has been assessed in the GCC Flood risk assessment as being predominantly in Flood Zone 1, but affected by Flood Zones 2, 3a and 3b, and scored positively in the GCC flood assessment. There are no records of historic flooding and flooding from other sources including groundwater and surface water on this site. The assessment notes that any development must remain clear of Flood Zones 2, 3a and 3 on this site on the eastern boundary.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Site name: Cinderford Industrial Sites

LUC ID: 527

Area (ha): 90.91

District: Forest

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: A large site (91ha) located on land that has been previously developed, and currently used as an Industrial Estate and could therefore have a major positive effect on protecting soil/land quality. GCC site assessment indicates that no information was made available in relation to contamination.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as having medium proximity to the Strategic Highway Network within the GCC Highways assessment as it has reasonable access via the B4227 and A4151. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality. However, this impact is very dependent on the design, access and potential mitigation measures proposed, which would be assessed at the planning application stage. In addition, the Highways assessment notes that Steam Mills is a busy area with all traffic passing the school, however a new link road is scheduled to be built that will remove this some traffic impacts, and should help improve air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: This site has been assessed as having low potential for rail and/or water transport and thus could have a negative impact on reducing impacts of road traffic to and from the site if developed for waste use. However, the GCC Highways assessment scored the site as medium in terms of its proximity to the strategic highways network. Overall, there is a mixed score against this objective.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

Site name: Cinderford Industrial Sites

LUC ID: 527

Area (ha): 90.91

District: Forest

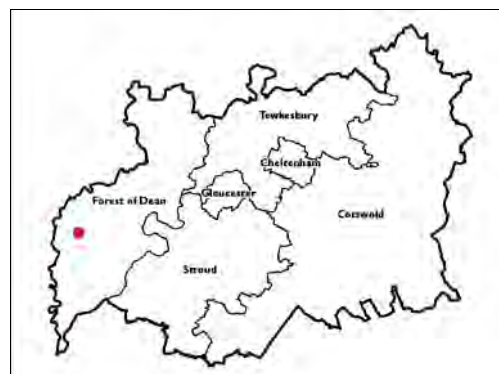
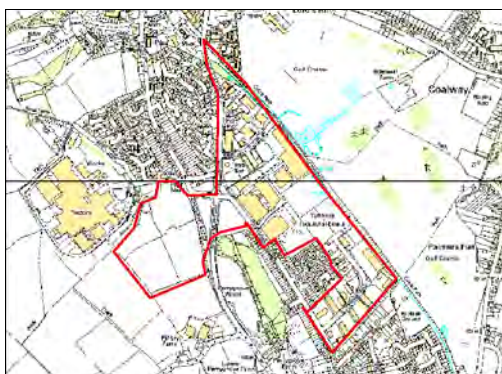
SA Objective 22: Adapt to climate change		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	This site is within an existing large Industrial Estate containing five existing waste management facilities, and could therefore have a minor positive effect with regards to this objective, if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this will depend on the nature of the facility that would be developed on the site.	

Site name: Coleford 4 and 5

LUC ID: 528

Area (ha): 29.6

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: A large site split into two areas, both of which are within 250m of sensitive receptors. These include small areas of residential housing which border the site directly to the north and south, a church, GP surgery and school. The development of a waste facility could have negative effects on health and well-being for the properties, school, surgery and church within 250m of the site. However this score is uncertain at this stage, as it will depend on the type of facility that would be developed on the site and the mitigation measures implemented during its construction and operation.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Coleford 4 and 5

LUC ID: 528

Area (ha): 29.6

District: Forest

Objective 3 justification: The site is located within 250m of existing residential properties, mainly to the north and east, and a school, church and GP surgery, so there is the potential for negative effects on the amenity of local residents and communities. It is more than 250m from an existing waste facility so should not have a cumulative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate +

Waste Local plan: More than 250m from Waste Local Plan site 0

Proximity to existing waste facilities: More than 250m from existing waste management facility 0

Objective 4 justification: This site is within an existing large Industrial Estate which includes a range of industrial and business uses and includes petrol station, but according to GCC site assessment is also close to a Glaxo Smith Kline medical company. In addition, it has been identified in the Forest of Dean District Council's Review and the Forest of Dean Local Plan, so there is potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management, e.g. reprocessing facilities or composting outlets that could make use of recycle generated. This score is uncertain however, as it will depend on the type of facility proposed on the site, and the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area 0

Objective 7 justification: This site is not within an aerodrome safeguarding/consultation area and is therefore not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: Within 500m of SAC -

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: Within 500m of SSSI -

Site name: Coleford 4 and 5

LUC ID: 528

Area (ha): 29.6

District: Forest

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within the boundary of BAP Species	--
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--
Objective 8 justification:	The Wye Valley and Forest of Dean Bat Sites SAC/Old Bow and Old Ham Mines SSSI are within 500m of the site thus there is potential for a significant negative effects on biodiversity. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative or uncertain due to the potential impact on this internationally designated site.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The GCC site assessment notes that this site is less than 900m from the Wye Valley AONB and contains Limestone Hills, Coleford and Christchurch Hills landscape character features, thus it could have negative effects on landscape due to proximity to the AONB. However, this effect is uncertain because this site is also within an existing Industrial Estate.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GIS indicates that the site is partially surrounded by open fields/countryside and woodland to the west and east, and within 900m of the Wye Valley AONB. The smaller of the two sites to the west of the B4228 is vacant land according to GCC site assessment, and may be visible in the landscape from neighbouring properties in High Nash. However, the site is an existing large Industrial Estate, and positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: --
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--
Objective 11 justification:	GCC site assessment notes there are two PROW within 100m-250m of the site boundary, and one footpath crossing through the site to the north. The PROW team assessment indicates that a diversion may be necessary and this will have a major adverse impact on the PROW network, and no enhancements are likely which could have significant negative effects on recreational access. In	

Site name: Coleford 4 and 5

LUC ID: 528

Area (ha): 29.6

District: Forest

addition there are leisure/recreational facilities within 250m of the site including a club, golf course, football ground and play area so there could be potential minor negative effects on leisure and recreational assets in the County by making the facilities less attractive for users.

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	Within 500m of SSSI	-
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GGT assessment indicates that there were no recorded geological features on the site, or within 250m of the boundary, therefore there is unlikely to be any effects on geodiversity, although the site is within 500m of the Old Bow and Old Ham Mines SSSI.	

SA Objective 13: Heritage	SA Judgement:	-

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:		
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment	-
Objective 13 justification:	The site is within a large existing Industrial Estate, although one part of the site has yet to be developed. The GCC Archaeology assessment has scored the site as having potentially minor negative effects due to the site being designated as containing possible pre-modern iron mine and smelting waste which may indicate the presence of an early iron smelting site. Thus there could be potential minor negative effects on these assets.	

SA Objective 14: Flooding	SA Judgement:	++

Flood Zone 1:	Entirely within Flood Zone 1	++
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment	
Objective 14 justification:	This site has the potential for a significant positive effect on prevention of flooding and reduction of risk to public water supply as it is entirely within Flood Zone 1 and scored very positively in the GCC Flood risk assessment. The assessment notes there is a drain running along the eastern boundary of the site which appears to be culverted in places, it may pose some risk and should be investigated as part of a FRA.	

SA Objective 15: Prevent pollution	SA Judgement:	N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	

Site name: Coleford 4 and 5

LUC ID: 528

Area (ha): 29.6

District: Forest

SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	Partially on Previously Developed Land		+
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	A large site (30ha) with the main site to the east of the B4228 being on previously developed land, while the smaller area to the west of the B4228 is vacant land consisting of grade 3 agricultural quality land. Therefore overall there is a mixed effect against this objective, with the previously developed site having minor positive effects and the smaller site minor negative effects on soil quality.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	This site has been assessed as medium in the GCC Highways Assessment as it has reasonable access to the Strategic Highway Network via Tufthorn Avenue and B4228. It should therefore have a positive effect on air quality since it is not within 1km of an AQMA. However, this impact is very dependent on the design, access and potential mitigation measures proposed at the planning application stage.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	-/+
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		-
Objective 19 justification:	The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+
Known/proposed CHP user:	Uncertain due to lack of spatial information		?

Site name: Coleford 4 and 5

LUC ID: 528

Area (ha): 29.6

District: Forest

**Objective 22
justification:**

This site is within an existing large Industrial Estate and could therefore have a minor positive effect with regards to this objective, if energy were to be generated from the waste management process and used by neighbouring users. However, the potential for this will depend on the nature of the facility that would be developed on the site.

Site name: Newent Business Park & Extension

LUC ID: 530

Area (ha): 9.47

District: Forest



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The site is within 250m of residential properties, which border the site directly on the western side, so the impact of development on health and well-being could potentially be negative.	

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is within 250m of residential properties, which indicates that development would have a negative impact on the amenity of local communities. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	

SA Objective 4: Sustainable economic development		SA Judgement: +?

Site name: Newent Business Park & Extension

LUC ID: 530

Area (ha): 9.47

District: Forest

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	Part of the site is already used for industrial activities, so there is potential for a positive impact on this objective as complementary activities to waste management may be encouraged. This is uncertain as it is dependent on the nature of the facility to be developed and on the nature of neighbouring commercial/industrial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The site lies outside of all aerodrome safeguarding zones so is not expected to have an impact on the safety of commercial or military aerodromes.	
SA Objective 8: Biodiversity		SA Judgement: 0
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0

Site name: Newent Business Park & Extension

LUC ID: 530

Area (ha): 9.47

District: Forest

GCC ecology assessment: Scored as 0 by GCC Ecologist and GCER 0

Objective 8 justification: The site is within 500m of two key wildlife sites (Ell Brook Meadows and Newent Lake) as well as a BAP species (the stag beetle). Although the GCC assessment scored the site as neutral, the impact of development here is therefore expected to be negative.

SA Objective 9: Landscape **SA Judgement:** 0

Industrial Estates: Within or adjacent to existing industrial estate 0

AONB: More than 1km from an AONB 0

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity: Uncertain due to lack of spatial information ?

Objective 9 justification: The site is already used for industrial purposes and is more than 1km from an AONB so development here is not expected to have an impact on the landscape.

SA Objective 10: Screening and/or innovative design **SA Judgement:** - -

Prominence: Likely to be prominent in the landscape - -

Objective 10 justification: The GCC assessment indicates that the site is very open and it may be challenging to improve the screening, so the impact on this objective is likely to be significantly negative.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** - -

Open space/recreation/leisure: Includes a leisure, recreational facility or open space - -

PROW: Includes a PROW - -

GCC PROW assessment: Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required - -

Objective 11 justification: The site includes open space to the south and is crossed by a PROW. The GCC assessment found that development would have a major impact on the network with potential closure or major deviation being required. As such, the impact of development on recreational assets is expected to be significantly negative.

SA Objective 12: Geodiversity **SA Judgement:** ?

SSSI: More than 500m from SSSI 0

RIGGS: Uncertain due to lack of spatial information ?

Objective 12 justification: The site is further than 500m from a SSSI and the GCC assessment found that there were no recorded geological features on the site or within 250m of its boundary. Development is therefore not expected to have an effect on geodiversity.

Site name: Newent Business Park & Extension

LUC ID: 530

Area (ha): 9.47

District: Forest

SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment		-
Objective 13 justification:	Although the site has no heritage sites within close proximity, it has been scored as negative in the GCC archaeology assessment because it contains evidence for Roman cremations and iron smelting. The impact of development on heritage is therefore expected to be negative.		
SA Objective 14: Flooding		SA Judgement:	++
Flood Zone 1:	Entirely within Flood Zone 1		++
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		++
Objective 14 justification:	The site is located entirely within Flood Zone 1 and the GCC assessment found that there are no records of historic flooding and that flooding from sources including groundwater and surface water have not been recorded on the site. Therefore development here is expected to have a significant positive effect on the flood risk.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	--
Previously developed land:	Partially on Previously Developed Land		-
Agricultural land classification:	Entirely within Grades 1 or 2 BMV		--
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	The site is large (9ha) and is located on land that has been only partly developed. In addition, the entire site is located on grade 1 agricultural land. The effect of development here on soil/land quality is therefore expected to be significantly negative.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Newent Business Park & Extension

LUC ID: 530

Area (ha): 9.47

District: Forest

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site has been assessed as medium in terms of its proximity to the strategic highway network via Gloucester Street/B4215/B4221, meaning that vehicles will spend a limited amount of time travelling slowly on local roads. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

**GCC sustainable
transport:** Assessed by GCC Highways as having no potential for rail and/or water transport -

**Objective 19
justification:** The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:**

**Objective 22
justification:** Parts of the site are already used for industrial purposes, so there is potential for a significant positive impact on this objective if energy produced during the waste management process were to be used in nearby development. The score is uncertain as it depends on the nature of the facility to be developed and on the feasibility of incorporating energy use into nearby development.

Site name: Sudmeadow Road area

LUC ID: 531

Area (ha): 16.27

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The site is within 100m of residential properties and a college, so the effect of development on health and well-being is potentially negative.	

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The site is within 250m of houses and a college and has an existing waste facility within the boundary and a further two within 250m. As such there is potential for a negative impact on the amenity of local communities, which may be compounded by a cumulative effect from the existing waste facilities.	

SA Objective 4: Sustainable economic development		SA Judgement: +?

Site name: Sudmeadow Road area

LUC ID: 531

Area (ha): 16.27

District: Gloucester

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	Adjacent to site from Waste Local Plan	+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	The site is already used for industrial activities, has a waste management facility already on site and is named in the Gloucestershire Waste Local Plan. As such there is potential for a positive impact on local sustainable economic development if complementary activities to waste management were to be encouraged. The score is uncertain as it will depend on the nature of any facility proposed on site and on the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	The site lies within the Gloucestershire Airport safeguarding zone, so there is potential for birds or tall chimneys to create a hazard. The score is uncertain as it will depend on the nature of any facility to be developed.	
SA Objective 8: Biodiversity		SA Judgement: -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	Within 500m of LNR	-
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-

Site name: Sudmeadow Road area

LUC ID: 531

Area (ha): 16.27

District: Gloucester

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is located within 500m of a Key Wildlife Site (Sud Meadow), a Local Nature Reserve (Alney Island) and an SNA (Minsterworth). It is also within 500m of several BAP species including the otter and the grass snake. Thus the impact on biodiversity of development at this site would be expected to be negative.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is already used as an industrial estate and is further than 1km from an AONB, so development here would not be expected to have an impact on the landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	Development here is likely to be partially prominent in the landscape as the GCC assessment states that part of the site contains some mature trees and there is certainly potential for further screening along that boundary and the area by the sports ground. Other screening is more limited due to the road and may potentially conflict with the Docks/regeneration areas. As such, the impact of development on this objective is expected to be negative.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	The site includes a PROW and is within 250m of extensive areas of open space, therefore the impact of development on recreational assets is expected to be significantly negative. The GCC assessment found that minor re-routing of the network would be required.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	Uncertain due to lack of spatial information	?

Site name: Sudmeadow Road area

LUC ID: 531

Area (ha): 16.27

District: Gloucester

Objective 12 justification: The site is more than 500m from a SSSI and the GCC assessment indicates that there were no recorded geological features on the site or within 250m of its boundary. As such, development here is not expected to have any impact on geodiversity.

SA Objective 13: Heritage **SA Judgement:** +/-

Scheduled Ancient Monuments: Within 100m of a Scheduled Ancient Monument -

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: Although the site is within 100m of a Scheduled Ancient Monument (Llanthony Priory) and several listed buildings, the GCC assessment rated the site as positive for archaeology as it contains no known significant remains and development is considered unlikely to affect Llanthony Priory. The overall impact is therefore expected to be mixed.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Not within Flood Zone 1 N/A

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: The site is located predominantly within Flood Zone 3b, and historic flood outlines indicate that the site has been affected by fluvial flooding on a number of occasions. The GCC assessment therefore rated the site as double negative in terms of its effect on the flood risk.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++/-

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (16ha) and is located on previously developed land. However, the majority of the site is on grade 3 agricultural land, although part of the eastern side is on urban land. The overall impact of development on soil/land quality is therefore expected to be mixed.

Site name: Sudmeadow Road area

LUC ID: 531

Area (ha): 16.27

District: Gloucester

SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	The site has been assessed by GCC as medium in terms of its proximity to the strategic highway network via the A430, meaning that vehicles would spend only a limited time travelling slowly on smaller local roads. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	++
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access		++
Objective 19 justification:	The GCC assessment considers the site to have high potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	++?
Industrial estates:	Within or adjacent to existing industrial estate		++?
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	The site is already used for industrial purposes, so development would be expected to have a positive effect on this objective if energy generated during the waste management process were to be used in nearby development. The score is uncertain as it is dependent on the nature of any facility to be developed and on the feasibility of incorporating energy use into nearby development.		

Site name: Industrial Sites, Bristol Road

LUC ID: 532

Area (ha): 34.88

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: Development at this site could have a negative effect on health and well-being because there is extensive residential development and offices situated directly adjacent to the site boundary.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0

Cumulative impacts on community: Adjacent to existing waste management facilities -

Objective 3 justification: The site is within 250m of offices and residential properties, meaning that there could be a negative impact on local amenity. There are two existing waste management facilities within 250m of the site so there could also be a cumulative impact on the local community.

SA Objective 4: Sustainable economic development		SA Judgement: +?

Site name: Industrial Sites, Bristol Road

LUC ID: 532

Area (ha): 34.88

District: Gloucester

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	Adjacent to site from Waste Local Plan	+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?

Objective 4 justification: The site is already used for industrial activities, has two existing waste management facilities on site and was a site in the Gloucestershire Waste Local Plan, so there is potential for a positive impact on local sustainable economic development if activities complementary to waste management were to be encouraged. The score is uncertain as it is dependent on the nature of any facility to be developed and of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement: 0

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities	SA Judgement: +

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement: -?

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: The site lies within the Gloucestershire Airport safeguarding zone, meaning that there is potential for a hazard to be created by tall chimneys or birds. The score is uncertain as it depends on the nature of the facility to be developed.

SA Objective 8: Biodiversity	SA Judgement: - -

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within the boundary of BAP Species	- -
BAP habitat:	More than 500m from BAP Habitat	0

Site name: Industrial Sites, Bristol Road

LUC ID: 532

Area (ha): 34.88

District: Gloucester

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from any locally, nationally or internationally designated site, but there is a BAP species present on site (the smooth newt) as well as several more within 500m of the boundary (including the bluebell and the green woodpecker). As such, there is potential for a significant negative impact on biodiversity.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1km from an AONB and is already used for industrial activities, so development here would not be expected to have an impact on the landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment states that screening opportunities may be limited but would depend on the size and nature of any facility to be developed. Thus it is not possible to assess the prominence of the facility in the landscape until later in the planning application process.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	- -

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -
Objective 11 justification:	The site is within 250m of open space including a playing field, and has a PROW on site. The GCC assessment rated the site as having a major adverse impact on the PROW network with potential closure or major deviation of the route being required. As such, development of the site would have a significant negative impact on recreational assets.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	Uncertain due to lack of spatial information	?

Site name: Industrial Sites, Bristol Road

LUC ID: 532

Area (ha): 34.88

District: Gloucester

Objective 12 justification: The site is more than 500m from a SSSI and the GCC site assessment states that there were no recorded geological features on the site or within 250m of its boundary, so development here is not expected to have an impact on geodiversity.

SA Objective 13: Heritage **SA Judgement:** **0**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The site has been rated as neutral in the GCC archaeology assessment, as it contains no known historical or archaeologically significant remains. Thus development here is not expected to have an effect on heritage.

SA Objective 14: Flooding **SA Judgement:** **+**

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site has been rated as positive in the GCC flood assessment as it lies predominantly in Flood Zone 1 and is only marginally affected by Flood Zones 2 and 3. Development here is therefore expected to have a positive impact in terms of the flood risk.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **++**

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (35ha) and is located on previously developed urban land. As such, development here would be expected to have a significant positive impact in terms of preserving soil/land quality.

SA Objective 17: Air quality **SA Judgement:** **+**

Site name: Industrial Sites, Bristol Road

LUC ID: 532

Area (ha): 34.88

District: Gloucester

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: The site has been assessed as medium in terms of its proximity to the strategic highway network via the A38/A430, meaning that traffic would spend only a limited amount of time travelling slowly on local roads. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be too far from these) and has also assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The site is already used for industrial activities, therefore there is potential for a significant positive impact on this objective if energy generated during the waste management process were to be used in nearby development. The score is uncertain, however, as it is dependent on the nature of the facility to be developed and on the feasibility of incorporating energy use into nearby development.

Site name: Industrial Sites, Bristol Road

LUC ID: 532

Area (ha): 34.88

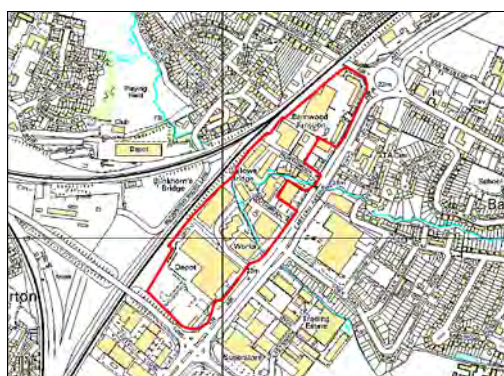
District: Gloucester

Site name: Off Eastern Avenue

LUC ID: 533

Area (ha): 12.98

District: Gloucester



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The site is within 100m of extensive residential development and offices, so there is potential for a negative impact on health and well-being.	

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Within 250m of an existing waste management facility	-
Objective 3 justification:	There is potential for a negative impact on the amenity of local communities due to the presence of residential properties and offices within 250m of the site boundary. There may be a cumulative effect on the local community as the site is within 250m of an existing waste management facility.	

SA Objective 4: Sustainable economic development	SA Judgement: +?

Site name: Off Eastern Avenue

LUC ID: 533

Area (ha): 12.98

District: Gloucester

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	Within 250m of a WLP site	+?
Proximity to existing waste facilities:	Within 250m of an existing waste management facility	+?
Objective 4 justification:	Light industrial activity already takes place on the site, and it is within 250m of an existing waste management facility and a WLP site, so there is potential for a positive impact on local sustainable economic development as activities complementary to waste management are encouraged. The score is uncertain as this is dependent on the nature of the facility to be developed.	

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement: 0

Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities	SA Judgement: + +

GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+ +
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.	

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement: -?

Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone, so the development of a waste facility here could create a potential hazard for commercial or military aerodromes. This is uncertain as it is dependent on the nature of any facility to be developed.	

SA Objective 8: Biodiversity	SA Judgement: -

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0

Site name: Off Eastern Avenue

LUC ID: 533

Area (ha): 12.98

District: Gloucester

GCC ecology assessment: Scored as 0 by GCC Ecologist and GCER 0

Objective 8 justification: The site is within 500m of several BAP species including the badger and the starling.

SA Objective 9: Landscape **SA Judgement:** 0

Industrial Estates: Within or adjacent to existing industrial estate 0

AONB: More than 1km from an AONB 0

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity: Uncertain due to lack of spatial information ?

Objective 9 justification: Development at this site is not expected to impact upon the landscape as it is more than 1km from an AONB and the site is already used for light industrial activities.

SA Objective 10: Screening and/or innovative design **SA Judgement:** ?

Prominence: Uncertain due to lack of spatial information ?

Objective 10 justification: The GCC site assessment makes no mention of screening potential at the site.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** -

Open space/recreation/leisure: More than 250m from a leisure, recreational facility or open space 0

PROW: Within 250m of PROW -

GCC PROW assessment: Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: Although there is no PROW on site, there are several within 250m of its boundary so there may be negative impacts on recreational assets if development takes place here.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The site is more than 500m from a SSSI and there were no recorded geological features on the site or within 250m of its boundary.

SA Objective 13: Heritage **SA Judgement:** +

Site name: Off Eastern Avenue

LUC ID: 533

Area (ha): 12.98

District: Gloucester

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Uncertain due to lack of spatial information	?
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	+

Objective 13 justification: There is no known archaeology on the site, although this could have survived in undeveloped areas. There are no heritage sites within the immediate vicinity of the site.

SA Objective 14: Flooding		SA Judgement: - -
Flood Zone 1:	Partially within Flood Zone 1	-
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	- -
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources	- -
Objective 14 justification:	Around half of the site is within Flood Zone 3 and it was scored as a double negative in the assessment by GCC due to a historical flood risk.	

SA Objective 15: Prevent pollution		SA Judgement: N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	

SA Objective 16: Soil/land quality		SA Judgement: + +
Previously developed land:	On Previously Developed Land	+ +
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV	0
Site size:	Large (i.e. over 5ha)	
Objective 16 justification:	The site is large (13ha) and is on previously developed urban land, so there is potential for a significant positive impact on this objective.	

SA Objective 17: Air quality		SA Judgement: 0
AQMA:	Within 1km of Air Quality Management Area (AQMA)	-
GCC strategic highways assessment:		

Site name: Off Eastern Avenue

LUC ID: 533

Area (ha): 12.98

District: Gloucester

Objective 17 justification: The site was assessed as medium in terms of its proximity to the strategic highway network via the A38, meaning that traffic may have to spend less time on the smaller roads travelling slowly, so the impact on air quality is likely to be positive. However it is within 1km of an AQMA thus the overall impact on protecting air quality is likely to be negligible.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

Objective 19 justification: The GCC assessment considers the site to have high potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

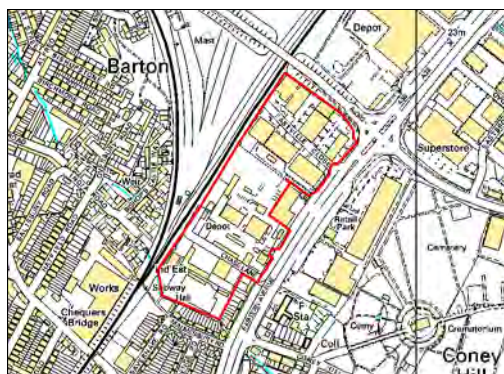
Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The site is already used for light industrial activities, so there is potential for a significant positive impact on this objective if energy generated during the waste management process were to be used within nearby development. The score is uncertain as it is dependent on the nature of the facility and on the feasibility of incorporating energy use in nearby development.

LUC ID: 534

Area (ha): 7.99

District: Gloucester



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SA Objective 1: Health and well-being

SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within 250m of residential properties, offices and a college so there is potential for a negative impact on health and well-being if this site were to be developed. On the south western edge of the site, the residential properties border the site directly. Elsewhere they lie further out but within 250m.

SA Objective 2: Educate and maximise community participation

SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities

SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0

Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Objective 3 justification: The site is within 250m of residential properties a school and offices so could have a negative effect on local amenity. The site contains three existing waste management facilities so there is significant potential for a cumulative impact on the local community.

Site name: Eastern Avenue Trading Estates

LUC ID: 534

Area (ha): 7.99

District: Gloucester

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	Within 250m of a WLP site		+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities		+?
Objective 4 justification:	The site is already used for industrial activities, contains three existing waste management facilities and is within 250m of a WLP site. As such, there is potential for a significant positive impact on local sustainable economic development as complementary activities to waste management may be encouraged. This is uncertain as it is dependent on the nature of the facility and of the neighbouring industrial/commercial activities.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	++
GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		++
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site is within the Gloucestershire Airport Zone, so there is potential for a safety hazard to be created for commercial/military aerodromes. This is uncertain as it is dependent on the nature of the facility to be developed.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-

Site name: Eastern Avenue Trading Estates

LUC ID: 534

Area (ha): 7.99

District: Gloucester

BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is within 500m of several BAP species, including the badger and the starling, so there is potential for a negative impact on biodiversity if this site were to be developed.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1 km from an AONB and is within an existing industrial estate, so there is no expected impact on the landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The site is considered to be partially prominent on the landscape as the GCC assessment states that there is quite a large area of residential properties bordering the site but that potentially, a waste facility housed in a large industrial shed would not be out of place on this site.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PRoW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site has no PRoW on site, but is within 250m of open space and a PRoW, so the effect of development on recreational assets would be mixed.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	There were no recorded geological features on the site or within 250m of its boundary, and it is more than 500m from a SSSI, so development here is not expected to have an impact on geodiversity.	

Site name: Eastern Avenue Trading Estates

LUC ID: 534

Area (ha): 7.99

District: Gloucester

SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	The GCC assessment states that there is no known archaeology on the site, although this could survive in undeveloped areas. There are no heritage sites within the immediate vicinity of the site, so there is potential for a positive impact on this objective.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	N/A		N/A
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site is predominantly within Flood Zone one, being only marginally affected by Flood Zone 2 on the south side of the site. The GCC assessment found that there are no historic flood outlines in the area.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV		0
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	The site is large (8ha) and is on urban land which has been previously developed so there is potential for development here to have a positive impact on this objective.		
SA Objective 17: Air quality		SA Judgement:	0
AQMA:	Within 1km of Air Quality Management Area (AQMA)		-

Site name: Eastern Avenue Trading Estates

LUC ID: 534

Area (ha): 7.99

District: Gloucester

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site is assessed as 'medium' in terms of its proximity to the strategic highway network via the A38, meaning that traffic may have to spend less time on the smaller roads travelling slowly, so the impact on air quality is likely to be positive. However it is within 1 km of an AQMA thus the overall impact on protecting air quality is likely to be negligible.

SA Objective 18: Water quality **SA Judgement: 0**

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement: + +**

**GCC sustainable
transport:** Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

**Objective 19
justification:** The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement: +**

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement: +**

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement: + +?**

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:**

**Objective 22
justification:** The site is already used for industrial/commercial activities, so there is potential for a positive impact on this objective where energy is developed during the waste management process and used within nearby development. The score is uncertain as the potential for this is dependent on the nature of the facility and on the feasibility of incorporating energy use nearby.

Site name: Eastern Avenue Trading Estates

LUC ID: 534

Area (ha): 7.99

District: Gloucester

Site name: Canal Corridor

LUC ID: 535

Area (ha): 29.12

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site is located within 250m of high density residential development, offices, a school and faith centres, therefore there is potential for a significant negative impact on health and well being if this site were to be developed. These receptors back directly onto the site, particularly densely on the eastern boundary.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Within 250m of an existing waste management facility	-

Objective 3 justification: The site is within 250m of existing residential properties, so could have a potentially significantly negative effect on amenity. It is adjacent to existing waste management facilities so could also have a cumulative effect on the local community.

Site name: Canal Corridor

LUC ID: 535

Area (ha): 29.12

District: Gloucester

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	Within 250m of an existing waste management facility		+?
Objective 4 justification:	There are two existing waste management facilities within 250m of the site boundary and there is already industrial activity within the site, so there is potential for a positive impact on this objective if complementary activities to waste management are encouraged. This is uncertain as it would depend on the nature of the facility to be developed and on the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone, so there is potential for birds or tall chimneys to create a hazard for commercial/military aerodromes. This is uncertain as it would depend on the nature of the facility to be developed.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-

Site name: Canal Corridor

LUC ID: 535

Area (ha): 29.12

District: Gloucester

BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is within 500m of BAP species including the otter and the house sparrow so development here could have a negative impact on biodiversity.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Development at this site would not be expected to have an impact on the landscape as the site already contains industrial activity and is located further than 1 km from the nearest AONB.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The GCC assessment found that there are dense areas of residential development adjacent to the site but that it is well screened from them by trees.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site is within 250m of a playing field and sports ground, as well as a PROW at the southern tip. The GCC assessment rated the site as having a PROW present where there is an opportunity for the existing route to be enhanced, so the overall impact will be mixed.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The site is not expected to have an impact on geodiversity as it is more than 500m from a SSSI or a RIGGS. The GCC assessment states that there were no recorded geological features on the site or within 250m of its boundary.	

Site name: Canal Corridor

LUC ID: 535

Area (ha): 29.12

District: Gloucester

SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment		0
Objective 13 justification:	There is potential for the site to have a negative impact in terms of heritage as it is within 100m of a listed building, although the GCC assessment states that there are unlikely to be setting issues with this nearby property. The GCC assessment found that the site contains the remains of 19th century industrial buildings, but that the significance of these cannot be established without further investigation.		
SA Objective 14: Flooding		SA Judgement:	0
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0)		0
Objective 14 justification:	The site is not expected to have an effect on flood-risk areas because it is predominantly within Flood Zone 1 and only marginally affected by Flood Zones 2 and 3. The GCC site assessment indicates that the site may have some potential for waste uses through certain conditions. There is no history of flooding within the site and no records of flooding from other sources.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Not within Grades 1, 2 or 3 BMV		0
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	The site is large (29ha) and is entirely on previously developed urban land, so there is potential for a significant positive impact in terms of this objective.		
SA Objective 17: Air quality		SA Judgement:	-
AQMA:	Within 1km of Air Quality Management Area (AQMA)		-

Site name: Canal Corridor

LUC ID: 535

Area (ha): 29.12

District: Gloucester

**GCC strategic
highways assessment:**

**Objective 17
justification:** The GCC assessment rates the site as having low proximity to the strategic highways network via the A430/A4301. As such, there is potential for a negative impact on air quality as traffic would need to travel more slowly on localised roads. In addition, it is within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +/-

**GCC sustainable
transport:** Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

**Objective 19
justification:** The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be to far from these) but has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

**Objective 22
justification:** The site is already used for industrial activity, so there is potential for a significant positive impact on this objective if energy were to be generated from the waste management process and used in nearby development. The score is uncertain as it would depend on the nature of the facility and on the feasibility of incorporating energy use in nearby development.

Site name: A38/A430 Junction

LUC ID: 536

Area (ha): 30.55

District: Gloucester



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The site is within 250m of a range of sensitive receptors including residential properties, a school, offices and a place of worship. These back directly onto the site on the eastern boundary. There is, therefore, potential for negative effects on health and well-being.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site is within 250m of various sensitive receptors so there is likely to be a negative effect on the amenity of local communities. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

Site name: A38/A430 Junction

LUC ID: 536

Area (ha): 30.55

District: Gloucester

SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+
Waste Local plan:	Within 250m of a WLP site	+
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	There is potential for a positive impact on sustainable economic development if this site were to be developed, as it is within 250m of a WLP site and within an existing industrial estate, which means that complementary activities to waste management may be encouraged. The score is uncertain as it is dependent on the type of facility to be developed and on the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone so there is potential for a hazard to be created by birds or tall chimneys, which may have a negative impact on the safety of commercial or military aerodromes.	
SA Objective 8: Biodiversity		SA Judgement: -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-

Site name: A38/A430 Junction

LUC ID: 536

Area (ha): 30.55

District: Gloucester

BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	There is some potential for a negative impact on biodiversity because of the presence of several BAP species within 250m of the site, such as the skylark and the green woodpecker.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1 km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Development of this site would not have an impact on the landscape as the site already contains an industrial estate and it is located more than 1 km from the nearest AONB.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Positive effects through innovative design could be achieved	+?
Objective 10 justification:	The GCC assessment found that screening potential may be limited but may be better at the south east corner of the site. It will depend on the size and nature of any proposed facility.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	- -

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	The site is immediately adjacent to playing fields and a caravan site, and a PROW passes through part of the site to the south, so development here would have a potentially significant negative impact on this objective.	

SA Objective 12: Geodiversity	SA Judgement:	+?

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0

Site name: A38/A430 Junction

LUC ID: 536

Area (ha): 30.55

District: Gloucester

Objective 12 justification: Although the site is located more than 500m from a SSSI or a RIGS, the GCC assessment found that there was a Geological Local Site within 250m of the site.

SA Objective 13: Heritage **SA Judgement:** +/-

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: The impact of development here is likely to be mixed as there is a listed building within 100m of the site but the GCC assessment designated the site as + because, although the site contains the possible line of a Roman Road which forms the western edge of the site, the position of the road is conjectural.

SA Objective 14: Flooding **SA Judgement:** -

Flood Zone 1: Partially within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a negative (-) in the GCC flood risk site assessment -

Objective 14 justification: There is potential for a negative impact on the flood risk if this site were developed, as the site is mainly within Flood Zones 2 and 3, and the GCC assessed the site as having a negative impact on flooding. The northern part of the site is affected by flooding from Whaddons Brook and the site suffered flooding in 2007.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This is a large site (31ha) which has been previously developed. Although part of the site is on grade 3 agricultural land, this is a tiny proportion along the western edge of the site and the vast majority of the site is classified as urban.

Site name: A38/A430 Junction

LUC ID: 536

Area (ha): 30.55

District: Gloucester

SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	The site has been assessed as 'medium' by GCC Highways in relation to its proximity to the strategic highway network via the A38. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	+
GCC sustainable transport:	Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport		+
Objective 19 justification:	The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be too far from these) and has also assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	++?
Industrial estates:	Within or adjacent to existing industrial estate		++?
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	The site is within an existing industrial estate, so there is potential for a significant positive impact on this objective. The score is uncertain as it depends on the nature of the facility proposed on the site and on the feasibility of incorporating energy use into nearby development.		

Site name: A38/A430 Junction

LUC ID: 536

Area (ha): 30.55

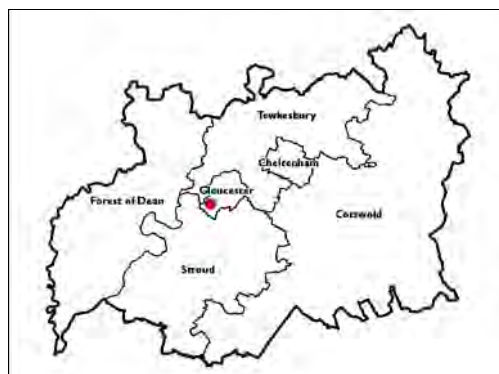
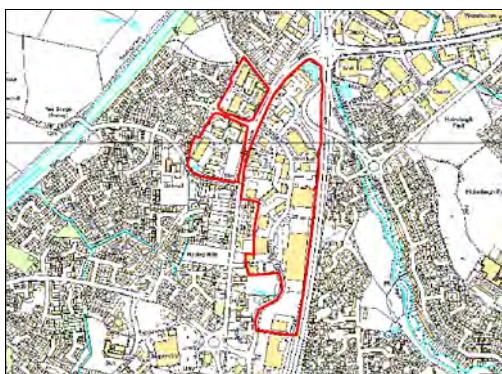
District: Gloucester

Site name: Green Farm and Olympus Parks

LUC ID: 537

Area (ha): 20.76

District: Gloucester



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	This site is directly adjacent to sensitive receptors including residential properties, a school and offices, so development here could have a negative impact on health and well-being.	

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	There is potential for a negative impact on the amenity of local communities due to the presence of residential properties, offices and a school within 250m of the site boundary. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	

SA Objective 4: Sustainable economic development	SA Judgement: +?

Site name: Green Farm and Olympus Parks

LUC ID: 537

Area (ha): 20.76

District: Gloucester

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	Within 250m of a WLP site	+?
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0

Objective 4 justification: Parts of this site are already used for industrial purposes and there is a WLP site within 250m of the boundary. This may encourage activities that are complementary to waste management, having a potentially positive impact on sustainable local economic development.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. +

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: The site lies within the Gloucestershire Airport Zone so there is potential for a hazard to military/commercial aircraft to be created by birds or tall chimneys. The score is uncertain as it will depend on the type of facility to be developed.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0

Site name: Green Farm and Olympus Parks

LUC ID: 537

Area (ha): 20.76

District: Gloucester

GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	There is potential for some negative effect on biodiversity if this site were to be developed as there are several BAP species within 500m of the site boundary including the great crested newt and the grass snake.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Development of this site is not expected to have an impact on the landscape as it is more than 1km from the nearest AONB and there is already industrial activity within the site.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC site assessment makes no mention of screening potential at the site, or of its topography/visibility.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	There are several RoW across the site, which would require some re-routing, and there are various leisure/recreation facilities within 250m of the site boundary, including a caravan site and playing fields, so there is potential for development here to have a significant negative impact on recreational assets.	

SA Objective 12: Geodiversity	SA Judgement:	-?

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The site is more than 500m from a RIGGS or a SSSI, but the GCC assessment found that there was a Geological Local Site within 250m. For this reason, development at the site could have a potentially negative impact on geodiversity.	

Site name: Green Farm and Olympus Parks

LUC ID: 537

Area (ha): 20.76

District: Gloucester

SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment		-
Objective 13 justification:	The GCC assessment states that Roman remains were found on the site, and since similar remains may survive in undeveloped areas, development here could have a negative impact on this objective. There are also two listed buildings within 100m of the site.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site is almost entirely within Flood Zone 1, being only marginally affected by Zones 2 and 3 on the north eastern edge. The GCC assessment found that, as the site didn't flood in 2007, the lie of the land to the north of the site is such that flood waters cannot enter the site.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	The site is large (21ha) and has been previously developed, although part of the site lies on grade 3 agricultural land. For this reason, the likely impact of development on soil/land quality is mixed.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Green Farm and Olympus Parks

LUC ID: 537

Area (ha): 20.76

District: Gloucester

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site has been assessed as medium in terms of its proximity to the strategic highways network via the A38 and B4008. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

**GCC sustainable
transport:** Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

**Objective 19
justification:** The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be to far from these) and has also assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

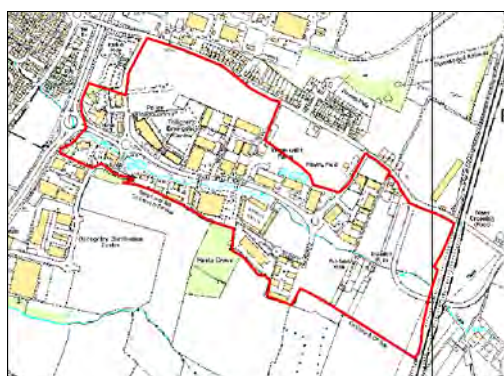
**Objective 22
justification:** Areas of the site are already used for industrial purposes, so there is potential for a significant positive effect on this objective if energy were to be generated from the waste management process and used within nearby development. The score is uncertain as it would depend on the nature of the facility to be developed and on the feasibility of incorporating energy use within nearby development.

Site name: Waterwells area

LUC ID: 538

Area (ha): 54.73

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The proximity of this site to sensitive receptors including residential properties, offices and a place of worship mean that there is potential for negative effects on health and well being if this site were to be developed. These are located a short distance from the site boundary, but within 250m.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site is within 250m of sensitive receptors including residential properties, offices and a faith centre, so development is likely to have a negative impact on the amenity of local communities. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

Site name: Waterwells area

LUC ID: 538

Area (ha): 54.73

District: Gloucester

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The site is more than 250m from an existing waste management facility or a Waste Local Plan site. There is already commercial activity taking place on the site, which means that there may be some potential for positive effects as complementary activities to waste management may be encouraged. However, this is uncertain as it is dependent on the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone so development here could have negative effects in terms of the safety of commercial/military aerodromes. However this will depend on the nature of the facility to be proposed.		
SA Objective 8: Biodiversity		SA Judgement:	- -
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within the boundary of BAP Species		- -

Site name: Waterwells area

LUC ID: 538

Area (ha): 54.73

District: Gloucester

BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site has several BAP species present including the great crested newt and the swallow, so development here could have a significant negative impact on biodiversity. The GCC assessment indicated that a designated aquifer fed/surface water/flood water dependent site over 1km from this site may be affected.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Development at this site is not expected to have an impact on this objective as it is more than 1km away from an AONB and there is already industrial activity taking place adjacent to the site.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC assessment states that the screening potential on this site is uncertain as it depends on the scale, technology and exact location of any waste facility that could be proposed. There is no information about the topography or level of visibility of the site.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: - -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	The site includes two PROWs and there are playing fields directly on the site boundary so there is potential for a significant negative effect on this objective.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0

Site name: Waterwells area

LUC ID: 538

Area (ha): 54.73

District: Gloucester

Objective 12 justification: Development at this site is not expected to have any impact on geodiversity as it is located more than 500m from a SSSI or a RIGS.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: Roman remains have been recorded on the site, and the GCC assessment states that similar remains may survive in undeveloped areas, so there is potential for negative effects on this objective if this site were to be developed.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 0

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site lies fully in Flood Zone 1; however the GCC assessment found that, although no Flood Zones exist for this section of watercourse through the site, in reality some risk is posed. There are no historic flood outlines in the sites, however fluvial flooding has been recorded on the A38 just outside of the site. Overall there is potential for a positive impact on flood risk if this site were selected for development.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++/-

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (55ha) and has been previously developed which represents the potential for a significant positive impact on protecting soil and land quality, however it also lies almost entirely on grade 3 agricultural land, thus there may be some loss of good quality agricultural land.

Site name: Waterwells area

LUC ID: 538

Area (ha): 54.73

District: Gloucester

SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	The site has been assessed as 'medium' in terms of its proximity to the strategic highways network via the A38. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	++
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access		++
Objective 19 justification:	The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	++?
Industrial estates:	Within or adjacent to existing industrial estate		++?
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	The site is adjacent to existing industrial activity, so there is potential for significant positive effects if energy were to be generated from the waste management process and used within nearby development. The score is uncertain as it will depend on the type of facility proposed and on the feasibility of incorporating energy use within nearby development, which will not be determined until the planning application stage.		

Site name: Waterwells area

LUC ID: 538

Area (ha): 54.73

District: Gloucester

Site name: Canal Area

LUC ID: 539

Area (ha): 8.26

District: Gloucester



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within 250m of residential properties and offices, so development could potentially have negative impacts on health and well-being. The receptors are directly adjacent to the site boundary on the north eastern point of the site.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Within 250m of an existing waste management facility	-

Objective 3 justification: The proximity of the site to sensitive receptors means that there is potential for a significant negative effect on the amenity of local communities if the site were to be developed. There may be a cumulative effect as there are already two existing waste management facilities within 250m of the site.

Site name: Canal Area

LUC ID: 539

Area (ha): 8.26

District: Gloucester

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	Adjacent to site from Waste Local Plan		+?
Proximity to existing waste facilities:	Within 250m of an existing waste management facility		+?
Objective 4 justification:	The site has two waste management facilities within 250m of its boundary, is named in the Gloucestershire Waste Local Plan and it already used for industrial purposes, so development of a waste facility in this location could have a positive effect on local sustainable economic development. The score is uncertain as it will depend on the type of facility proposed on the site and on the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone, so development here would have a potentially negative effect in terms of the safety of commercial/military aerodromes. The effect is uncertain because of it is dependent on the type of facility developed, which will not be known until the planning application stage.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-

Site name: Canal Area

LUC ID: 539

Area (ha): 8.26

District: Gloucester

BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is within 500m of BAP species (e.g. bluebell and skylark) and within 500m of a BAP habitat (Minsterworth). The GCC assessment found that the impact of development is uncertain and may affect a designated aquifer/surface/flood water dependent site over 1km away.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	
Objective 9 justification:	Development at this site would not be expected to have an impact on this objective because there is already industrial activity taking place on the site and it is more than 1km away from an AONB.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC assessment states that screening potential is limited, but that some reasonable poplar (or similar) tree screening of the CEMEX plant is in place. However, the prominence of this site in the landscape is uncertain and so the potential impact of development here is unknown.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	More than 250m from a leisure, recreational facility or open space	0
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site has no PROW within it, but several are located within 250m of its boundary so the impact of development is mixed.	
SA Objective 12: Geodiversity		SA Judgement: -?
SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The site is more than 500m from a SSSI or a RIGGS, although the GCC site assessment found that there was a Geological Local Site recorded on this site.	

Site name: Canal Area

LUC ID: 539

Area (ha): 8.26

District: Gloucester

SA Objective 13: Heritage		SA Judgement:	+/-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	Development of this site may have a negative impact on heritage as there is a listed building within 100m of the site. The GCC assessment rated the site as positive because, despite finding that eastern edge of the site is formed by a possible line of Roman road, the position of the road is conjectural, so the overall impact is mixed.		
SA Objective 14: Flooding		SA Judgement:	--
Flood Zone 1:	Partially within Flood Zone 1		-
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources		--
Objective 14 justification:	Development of the site would have a potentially significant negative effect in terms of the flood risk as the site is mainly within Flood Zone 3. There is a historical flood risk at the site, with various parts having flooded in 1947, 2000 and 2007.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++/-
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	The site is large (8ha) and is on previously developed land. Most of the site is grade 3 agricultural land, so the impact on soil/land quality will be mixed.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Canal Area

LUC ID: 539

Area (ha): 8.26

District: Gloucester

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site is assessed by GCC as having 'medium' potential in terms of its proximity to the strategic highway network via the A430, thus air pollution impacts could be reduced. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement: 0**

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement: + +**

**GCC sustainable
transport:** Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

**Objective 19
justification:** The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement: +**

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement: +**

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement: + +?**

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

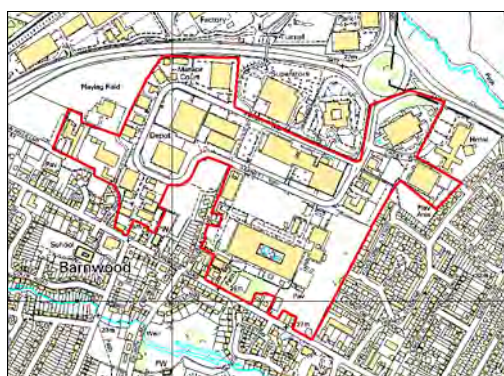
**Objective 22
justification:** As the site is already used for industrial activities, there is significant potential for positive effects if energy were to be generated from the waste management process and used within nearby development. The score is uncertain as it would depend on the type of facility proposed at the site and on the feasibility of incorporating energy use within nearby development.

Site name: Barnett Way

LUC ID: 540

Area (ha): 33.93

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: The proximity of the site to sensitive receptors including residential properties, offices, a place of worship and a school means that it could have a potentially negative effect on health and well-being. Extensive areas of housing back directly onto the site boundary.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The proximity of this site to a range of sensitive receptors means that there would be a potentially negative effect on the amenity of local communities. It is more than 250m from an existing waste facility so should not have a cumulative effect in this sense.

Site name: Barnett Way

LUC ID: 540

Area (ha): 33.93

District: Gloucester

SA Objective 4: Sustainable economic deveopment		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The site is an existing commercial industrial estate, meaning that there is potential for positive effects on sustainable local economic activity as complementary activities to waste management may be encouraged.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site is within the Gloucestershire Airport Zone, meaning that there is potential for birds and tall chimneys to create a hazard for aircraft. This is uncertain as it depends on the type of facility proposed.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	Within 500m of LNR		-
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-
BAP habitat:	Within 500m of BAP Habitat		-
Ancient woodland:	More than 500m from Ancient Woodland		0

Site name: Barnett Way

LUC ID: 540

Area (ha): 33.93

District: Gloucester

GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	There is potential for development of the site to have a negative effect on biodiversity as it is located within 500m of a Local Nature Reserve (Barnwood Arboretum) and is within 500m of BAP species (including badgers and water voles) and a BAP habitat (the Barnwood Arboretum).	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The site is not anticipated to have an impact on this objective as it is within an existing industrial estate and is more than 1km from an AONB.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	Screening is not covered by the GCC assessment.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	There is no PROW within the site itself but there are several within 250m of its boundary. There are also several leisure facilities within the 250m boundary, including playing fields and a play area. The impact on recreational assets could therefore be negative if this site were to be developed.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The site is more than 500m from a SSSI and there are no RIGGS present within 500m, therefore development would not be expected to have an impact on geodiversity.	

Site name: Barnett Way

LUC ID: 540

Area (ha): 33.93

District: Gloucester

SA Objective 13: Heritage		SA Judgement:	-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores negative (-) in GCC Archaeology Team site assessment		-
Objective 13 justification:	Development of the site has been classified as having a potentially negative impact on heritage as it contains known significant archaeological remains - a Roman skull and pottery have been recorded on the site, along with a circular crop mark in a currently undeveloped area. A Roman cemetery is within 100m of the site and could extend into this area. There are also two listed buildings within 100m of the site.		
SA Objective 14: Flooding		SA Judgement:	++
Flood Zone 1:	Entirely within Flood Zone 1		++
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		++
Objective 14 justification:	The site is entirely within Flood Zone 1 and scored very positively in the GCC flood assessment. There is one recorded incident of flooding within the site along Barnett Way, the source of which is unknown, and fluvial flood risk is low.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++/-
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	The site is large (34ha) and is located on previously developed land. A large part of the site is classed as grade 2 agricultural land so the overall judgement is that development of the site would have a mixed impact in terms of this objective.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Barnett Way

LUC ID: 540

Area (ha): 33.93

District: Gloucester

**GCC strategic
highways assessment:**

Objective 17 justification: The site has been assessed as 'medium' by GCC in terms of its proximity to the strategic highway network via the A417. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed by GCC as 'medium' in terms of its potential for rail and/or water-based transport and it has also been assessed as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The site is already developed as an industrial estate, therefore development is likely to have a significant positive impact on this objective. The score is uncertain as it will depend on the type of facility proposed on the site and on the feasibility of incorporating energy use within nearby development.

Site name: Unilever/Walls Area

LUC ID: 541

Area (ha): 16.13

District: Gloucester



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: There is potential for this site to have a significant negative effect on health and well-being because of its close proximity to sensitive receptors including residential properties and offices. There is housing and a playing field a short distance from the northern edge of the site. The score is uncertain because the type of facility to be developed at the site has not yet been specified.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Unilever/Walls Area

LUC ID: 541

Area (ha): 16.13

District: Gloucester

Objective 3 justification: There is potential for a significant negative effect on local communities if a waste facility were to be developed on this site due to the close proximity of sensitive receptors including residential properties and offices. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**?

Waste Local plan: More than 250m from Waste Local Plan site **0**

Proximity to existing waste facilities: More than 250m from existing waste management facility **0**

Objective 4 justification: This is an established and well developed factory site, so there is potential for a positive impact on sustainable local economic development as economic activities that are complementary to waste management may be encouraged. The score is uncertain as it depends on the type of facility proposed on the site and on the nature of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+**

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area **-?**

Objective 7 justification: The site lies within the Gloucestershire Airport Zone so there is potential for negative effects on safety as birds and tall chimneys may create a hazard for aircraft. The effect is uncertain as it will depend on the type of facility proposed.

SA Objective 8: Biodiversity **SA Judgement:** **0**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: More than 500m from SSSI **0**

LNR: More than 500m from LNR **0**

Key Wildlife Sites: More than 500m from Key Wildlife Sites **0**

Site name: Unilever/Walls Area

LUC ID: 541

Area (ha): 16.13

District: Gloucester

BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is outside of all international, national and local designations. There is a BAP species within 250m of the site (the slow-worm) but the overall assessment by GCC scored the site as neutral in terms of its potential effects on biodiversity.	

SA Objective 9: Landscape		SA Judgement:	0
Industrial Estates:	Within or adjacent to existing industrial estate		0
AONB:	More than 1km from an AONB		0
Locally designated for landscape quality:	Uncertain due to lack of spatial information		?
Landscape Sensitivity:	Uncertain due to lack of spatial information		?
Objective 9 justification:	The site is not expected to have an impact on this objective as it is already an industrial site and is more than 1km from an AONB.		

SA Objective 10: Screening and/or innovative design		SA Judgement:	+?
Prominence:	Positive effects through innovative design could be achieved		+?
Objective 10 justification:	The GCC assessment found that screening is uncertain, depending on the size and nature of any proposed facility. However, positive effects through innovative design could be achieved at any potential site.		

SA Objective 11: Material, cultural and recreational assets		SA Judgement:	+/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space		-
PROW:	Within 250m of PROW		-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced		+
Objective 11 justification:	Although there is no PROW present on the site, there are several within 250m, as well as playing fields and a pitch and put golf course. The development of the site could, therefore, have a mixed effect on local recreational assets.		

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0

Site name: Unilever/Walls Area

LUC ID: 541

Area (ha): 16.13

District: Gloucester

Objective 12 justification: The site is more than 500m from the nearest SSSI and the GCC assessment found that there are no recorded geological features on the site or within 250m of its boundary.

SA Objective 13: Heritage **SA Judgement:** **0**

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The site is not anticipated to have an impact on this objective as it has no nearby SAM, historic park or garden, listed building or registered battlefield. The GCC assessment scored the site as neutral as it contains no known historical or archaeologically significant remains, but may provide a setting for, or contain, significant remains.

SA Objective 14: Flooding **SA Judgement:** **+**

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site is assessed as having a positive effect in terms of flooding as it lies predominantly in Flood Zone 1 and is only marginally affected by Flood Zones 2 and 3, which partially affect the north eastern corner of the site. There are no records of historical flooding within the site.

SA Objective 15: Prevent pollution **SA Judgement:** **N/A**

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** **+ +/-**

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This is a large site of 16ha, which is an established and well-developed factory site. It is partially within grade 3 agricultural land. The overall effect on soil/land quality is considered to be positive because the proportion of grade 3 land on the site is reasonably low, and the land has already been developed for industry.

Site name: Unilever/Walls Area

LUC ID: 541

Area (ha): 16.13

District: Gloucester

SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			+
Objective 17 justification:	The site has been assessed as 'medium' by GCC in terms of its proximity to the strategic highway network via the A417. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	++
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access		++
Objective 19 justification:	The GCC assessment rated this site as having 'high' potential in terms of sustainable transport for operational access and as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	++?
Industrial estates:	Within or adjacent to existing industrial estate		++?
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	There is an established and well-developed factory site, so there is significant potential for energy generated from waste processing to be used within nearby development. The score is uncertain as this is dependent on the nature of the facility to be developed and on the feasibility of incorporating energy use within nearby development.		

Site name: Unilever/Walls Area

LUC ID: 541

Area (ha): 16.13

District: Gloucester

Site name: Railway Corridor

LUC ID: 542

Area (ha): 36.15

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?
Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Within 250m of a hospital	-?
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?
Objective 1 justification:	A large site, surrounded by developed land and within 250m of residential properties, a school, a hospital, offices and a place of worship. These receptors back directly onto the site on both the east and west sides. Development of a waste facility on this site could, therefore, have negative effects on health and well-being. The score is uncertain as the exact effects would depend on the type of facility to be developed.	
SA Objective 2: Educate and maximise community participation		SA Judgement: +?
Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	
SA Objective 3: Amenity of local communities		SA Judgement: -
Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Within 250m of a hospital	-
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Railway Corridor

LUC ID: 542

Area (ha): 36.15

District: Gloucester

Objective 3 justification: The presence of various sensitive receptors means that development of the site could have potentially negative effects on the amenity of local communities. It is adjacent to existing waste management facilities so could have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+?**

Waste Local plan: A large part of the site was allocated in the Waste Local Plan **+?**

Proximity to existing waste facilities: Adjacent to existing waste management facilities **+?**

Objective 4 justification: Development of the site could have positive effects on sustainable local economic activity as it is currently the site of industrial activity, is adjacent to existing waste management facilities (there are four within the site) and is a named site in the Gloucestershire Waste Local Plan. The score is uncertain as it depends on the nature of the proposed development and of neighbouring industrial/commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+ +**

GCC employee transport: Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+ +**

Objective 6 justification: This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area **+?**

Objective 7 justification: The site lies within the Gloucestershire Airport Zone so there is potential for a negative effect on the safety of commercial or military aerodromes. This is an uncertain score and depends on the nature of the facility to be developed.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: More than 500m from SSSI **0**

LNR: More than 500m from LNR **0**

Key Wildlife Sites: More than 500m from Key Wildlife Sites **0**

Site name: Railway Corridor

LUC ID: 542

Area (ha): 36.15

District: Gloucester

BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	The site is within 500m of various BAP species (e.g. Badger, Kestrel) but has no designated site in close proximity. As such GCC have assessed the site as having a neutral effect on biodiversity. The overall impact of development here is likely to be negative.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is not expected to have an impact on the landscape, being adjacent to existing industrial activity and further than 1km from the nearest AONB.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The GCC assessment found that screening may be limited on much of the site although the Allstone shed is well screened on the north boundary by very large coniferous trees. Most of the area is very visible from the elevated Metz Way.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There is a RoW crossing the site and there are playing fields present within 250m of the site, indicating that there is potential for a negative effect on recreational assets. However, the site has been assessed by GCC as having the PROW network present where there is an opportunity for the existing route to be enhanced.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	Uncertain due to lack of spatial data	?

Site name: Railway Corridor

LUC ID: 542

Area (ha): 36.15

District: Gloucester

Objective 12 justification: This site is not expected to have an impact on geodiversity as it is located more than 500m from the nearest SSSI.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The GCC archaeology assessment has rated the site as having a significant potential negative impact on heritage as it contains a listed building, Picton House, the setting of which is already affected by recent development.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site is predominantly within Flood Zone 1, being only marginally affected by Flood Zones 2 and 3 along the north eastern corner. Modelled flood outlines indicated that there is no fluvial flood risk to the site.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This is a large site (36ha) and is entirely on previously developed land, none of which is grade 1, 2 or 3 agricultural land, so the site has a potentially significant positive impact on soil/land quality.

SA Objective 17: Air quality **SA Judgement:** 0

Site name: Railway Corridor

LUC ID: 542

Area (ha): 36.15

District: Gloucester

AQMA:	Within 1 km of Air Quality Management Area (AQMA)	-
GCC strategic highways assessment:		
Objective 17 justification:	The site is assessed as medium by GCC in terms of its proximity to the strategic highway network via the A4302, so could have a positive effect on air quality. However, it is within 1 km of an AQMA therefore the overall impact on protecting air quality is expected to be negligible.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: + +
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access	+ +
Objective 19 justification:	The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 22: Adapt to climate change		SA Judgement: + +?
Industrial estates:	Within or adjacent to existing industrial estate	+ +?
Known/proposed CHP user:	Uncertain due to lack of spatial information	?
Objective 22 justification:	The site includes areas of existing industrial activity, therefore there is potential for significant positive impacts on this objective if energy generated from the waste management process were to be used within nearby development. The score is uncertain as it will depend on the type of facility proposed on the site and on the feasibility of incorporating energy within nearby development, which will not be determined until the planning application stage.	

Site name: Railway Corridor

LUC ID: 542

Area (ha): 36.15

District: Gloucester

Site name: Quedgeley

LUC ID: 543

Area (ha): 144.05

District: Gloucester



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site has the potential for negative impacts on this objective as there is extensive residential development directly adjacent to the site as well as some residential dwellings within the site itself (e.g. Manor Farm). It is also within 250m of office buildings. A large school and a hospital lie just beyond the 250m boundary.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site could have a potentially negative effect on the amenity of local communities because it is within 250m of sensitive receptors including offices and residential properties. It is more than 250m from an existing waste facility so there should not be a cumulative effect in this way.

Site name: Quedgeley

LUC ID: 543

Area (ha): 144.05

District: Gloucester

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The site includes some land already used for industrial purposes so there is some potential for positive effects on this objective with the encouragement of complementary activities to waste management.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Zone and so could have a negative impact on the safety of commercial and military aerodromes due to the potential of birds and tall chimneys to create a hazard for aircraft. However this would depend on the specific types of facilities proposed on the site, which is not known until specific proposals are made.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-
BAP habitat:	More than 500m from BAP Habitat		0

Site name: Quedgeley

LUC ID: 543

Area (ha): 144.05

District: Gloucester

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is within 250m of several BAP species (e.g. the great crested newt and the smooth newt) but other than this there is no habitat or designation within 500m of the site that would mean it would have a significant negative effect on biodiversity. The GCC ecology/biodiversity score indicates a designated aquifer fed/surface water/flood water dependent site over 1km distant (the Severn Estuary) which may be affected (where chosen waste technology and development design poses a risk to the water environment). The overall effect of this site is assessed to be negative.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site includes an area of existing industrial activity and is more than 1km from an AONB so is unlikely to have an impact on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Positive effects through innovative design could be achieved	+?
Objective 10 justification:	The GCC assessment states that the screening potential of this site is uncertain, depending on the size and technology of any facility and its exact location within what is a very large site.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There is no PROW present on the site but there is potential for a negative impact on recreational assets as the site borders playing fields (to the south) and is within 250m of a PROW. The overall effect of development here is expected to be mixed.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GCC assessment recorded no geological features within the site or within 250m of its boundary, and it is more than 500m from the nearest SSSI, therefore the site is not considered to have a significant potential impact on geodiversity.	

Site name: Quedgeley

LUC ID: 543

Area (ha): 144.05

District: Gloucester

SA Objective 13: Heritage		SA Judgement:	--
Scheduled Ancient Monuments:	Scheduled Ancient Monument present on site		--
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Listed Building present on site		--
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		--
Objective 13 justification:	The site contains Manor Farmhouse Listed Building and the Scheduled Manor Farm Moat, the siting of which is already affected by recent development. As such it is considered that the site could have a potentially significant negative effect on heritage.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site is assessed as having a potentially positive effect in relation to flooding as it lies predominantly in Zone 1 and is only marginally encroached by small areas of Zones 2 and 3 at the northern edge of the site.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Not within grade 1, 2 or 3 agricultural land		0
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	This is a very large site (144ha) which lies outside of any grade 1, 2 or 3 agricultural land and has been previously developed (it was formerly an RAF base). As a result, the site has a potentially significant positive effect on this objective.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Quedgeley

LUC ID: 543

Area (ha): 144.05

District: Gloucester

**GCC strategic
highways assessment:**

Objective 17 justification: The site is assessed as 'medium' by GCC Highways in relation to proximity to the strategic highway network. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

Objective 19 justification: The site is assessed as having high potential for rail based transport to reduce the impacts of lorry traffic and as medium in terms of its proximity to the strategic highways network, so development is expected to have a positive effect on this objective.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

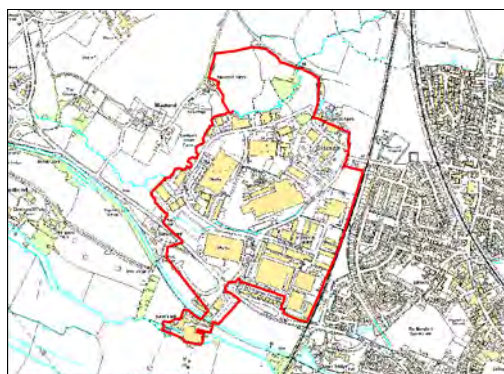
Objective 22 justification: The site includes areas of existing industrial use so is assessed as having a potentially significant impact on this objective, if energy were to be generated from the waste management process and used within nearby development. The score is uncertain, however, as it will depend on the type of facility proposed on the site and on the feasibility of incorporating energy use within nearby development. This will not be determined until the planning application stage.

Site name: Stroudwater Area

LUC ID: 544

Area (ha): 79.13

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The site may have a potentially negative effect on health as it is within 250m of extensive residential development, which backs directly onto the eastern side of the site.	

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	This site is within 250m of residential development in Stonehouse, so a negative impact on the amenity of local communities is expected. It is more than 250m from an existing waste facility so there should not be a cumulative effect.	

SA Objective 4: Sustainable economic development		SA Judgement: +?

Site name: Stroudwater Area

LUC ID: 544

Area (ha): 79.13

District: Stroud

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	A large proportion of the site is already used for industrial purposes, meaning that there is potential for positive effects on this objective as it could encourage complementary activities to waste management.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The GCC site assessment indicates that this site lies outside all safeguarding zones for aerodromes and therefore should have no effect on this objective.	
SA Objective 8: Biodiversity		SA Judgement: - -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0

Site name: Stroudwater Area

LUC ID: 544

Area (ha): 79.13

District: Stroud

GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is within the boundary of a key wildlife site (River Frome) and is within 500m of several BAP species (e.g. common toad, kingfisher) and BAP habitats (e.g. Stonehouse Newt Pond and lowland calcareous grassland). As such, the site has potential for a significantly negative effect on biodiversity.	

SA Objective 9: Landscape	SA Judgement: -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Within a locally designated area of high landscape character	?
Objective 9 justification:	The site is within 700m of the Cotswolds AONB so is assessed as having a potentially negative effect on the landscape. This effect is uncertain however, as it is within an existing industrial estate.	

SA Objective 10: Screening and/or innovative design	SA Judgement: -

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The GCC assessment found that there is some potential for certain areas of the site to be fairly well screened, however parts are visible from quite a distance including the Leonard Stanley area and the M5.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: - -

Open space/ recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -
Objective 11 justification:	The site is almost all within 250m of a PROW and the GCC assessment has identified the site as having a major adverse impact on the network; therefore this site has potentially significant negative impacts on this objective.	

SA Objective 12: Geodiversity	SA Judgement: 0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0

Site name: Stroudwater Area

LUC ID: 544

Area (ha): 79.13

District: Stroud

Objective 12 justification: The GCC assessment found that there are no recorded geological features on the site or within 250m of its boundary, and the site is more than 500m from a SSSI, therefore the site is unlikely to affect geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The site is within the Stroud Industrial Heritage Conservation Area and is within 100m of a listed building, so is assessed as having a potentially significant negative effect on this objective.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Mainly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site is mainly within Flood Zone 1 and is only marginally affected by Flood Zones 2 and 3. The GCC assessment found that there is some potential for positive effects on this objective.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +/-

Previously developed land: Partially on Previously Developed Land +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This is a large site (79ha) which is mostly previously developed as a business park but has a mainly undeveloped extension area to the north. Most of the site is Grade 3 agricultural land, so overall the site is considered to have a mixed effect on protecting or enhancing soil/land quality.

SA Objective 17: Air quality **SA Judgement:** + +

Site name: Stroudwater Area

LUC ID: 544

Area (ha): 79.13

District: Stroud

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site is assessed as 'good' in terms of its proximity to the strategic highway network, having direct access onto the A419. In addition it is not within 1km of an AQMA, therefore this site is expected to have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

**GCC sustainable
transport:** Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

**Objective 19
justification:** The site is assessed by GCC Highways as having good potential for water-based/rail transport to play a significant role for operational access.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

**Objective 22
justification:** The site is adjacent to an existing industrial area, so has potential for significant positive effects if energy were to be generated from the waste management process and used within nearby development. The score is uncertain, however, as it will depend on the type of facility proposed on the site and the feasibility of incorporating energy use within nearby development which will not be able to be determined until planning application stage.

Site name: Stroudwater Area

LUC ID: 544

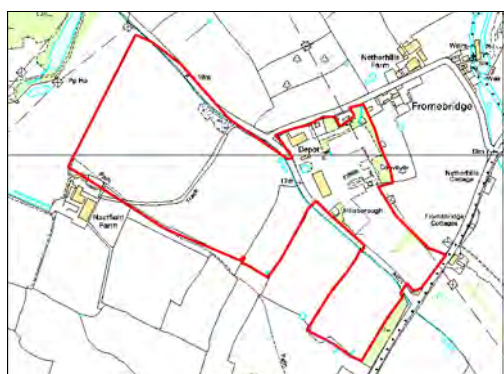
Area (ha): 79.13

District: Stroud

LUC ID: 545

Area (ha): 33.32

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The presence of residential development a short distance from the site (within 250m) means that there is potential for negative effects on health.	

SA Objective 2: Educate and maximise community participation	SA Judgement:	+?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement:	-

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-
Objective 3 justification:	The close proximity of residential development to this site means that there is potential for a significant negative effect on the local community. In addition, the site is adjacent to an existing waste facility so development here may have a cumulative effect on the local community.	

SA Objective 4: Sustainable economic deveopment	SA Judgement:	+?

Site name: Frampton

LUC ID: 545

Area (ha): 33.32

District: Stroud

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	Adjacent to site from Waste Local Plan	+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	The site could have the potential for positive effects on sustainable local economic activity as activities that are complementary to waste management may be encouraged.	

SA Objective 5: Manage waste in an economically sustainable way	SA Judgement: 0

Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities	SA Judgement: +

GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+

Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes	SA Judgement: 0

Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0

Objective 7 justification:	The site is not expected to have a significant effect on this objective.

SA Objective 8: Biodiversity	SA Judgement: -

SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	Within 500m of SSSI	-
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	More than 500m from BAP Species	0
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0

Site name: Frampton

LUC ID: 545

Area (ha): 33.32

District: Stroud

GCC ecology assessment:	Scored as -* by GCC Ecologist and GCER	-
Objective 8 justification:	The site is within 500m of a SSSI (Frampton Pools) and within 500m of a Key Wildlife Site (the River Frome). It is also within 500m of BAP habitats including Frampton (lowland wet grassland).	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1km from an AONB and is adjacent to an existing industrial area so is considered to have no effect on the landscape.	

SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	Screening potential depends on the size and technology of any facility but relatively low shed/building could be well screened on certain parts of the landfill site - e.g. the area where the existing offices and energy generation facilities are located. The landfill is very well screened from the Perry Way (B4071). There is also very good natural forest screening to the north west of the landfill although deciduous cover will be less in winter months.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: - -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -
Objective 11 justification:	The site is likely to have a significant negative effect on recreation activities, as developing the site would mean the potential closure or major deviation of the RoW network.	

SA Objective 12: Geodiversity		SA Judgement: -
SSSI:	Within 500m of SSSI	-
RIGGS:	Uncertain due to lack of spatial data	?

Site name: Frampton

LUC ID: 545

Area (ha): 33.32

District: Stroud

Objective 12 justification: The site is within 500m of Frampton Pool SSSI.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The presence of a listed building on the site (Nastfield Farmhouse) means that there is potential for a significant negative effect.

SA Objective 14: Flooding **SA Judgement:** + +

Flood Zone 1: Entirely within Flood Zone 1 + +

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment + +

Objective 14 justification: The site is entirely within Flood Zone 1 and the GCC assessment found that there are no historic flood outlines or recorded incidents of flooding from other sources such as groundwater or surface water.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++/-

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (over 5ha)

Objective 16 justification: The site is large (around 33ha) and is mainly on grade 2 agricultural land with some grade 3 land as well. It has been previously developed so the overall judgement is that the site would have a mixed effect on the flood risk.

SA Objective 17: Air quality **SA Judgement:** + +

Site name: Frampton

LUC ID: 545

Area (ha): 33.32

District: Stroud

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

**GCC strategic
highways assessment:**

**Objective 17
justification:** This site has been assessed as 'good' or 'high' by the GCC Highways assessment in terms of its proximity to the strategic highways network. In addition it is not within 1km of an AQMA, therefore this site is expected to have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

**GCC sustainable
transport:** Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

**Objective 19
justification:** The GCC Highways assessment rated this site as having medium potential for sustainable transport and as good in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

**Objective 22
justification:** The site is adjacent to an existing industrial area so has the potential for significant positive effects if energy were to be generated from the waste management process and used within nearby development.

Site name: Moreton Vallence Airfield

LUC ID: 546

Area (ha): 5.53

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: Because the site is within 250m of residential properties, it is considered to have potentially negative effects on health. However, these do not lie directly adjacent to the site, being located further out within the 250m boundary.

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Cumulative impacts on community: Adjacent to existing waste management facilities -

Objective 3 justification: The site is within 250m of existing residential properties, so could have a potentially significantly negative effect on amenity. It is adjacent to existing waste management facilities so could have a cumulative effect on the local community.

Site name: Moreton Vallence Airfield

LUC ID: 546

Area (ha): 5.53

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	This was a site within the Gloucestershire Waste Local Plan		+?
Proximity to existing waste facilities:	Adjacent to existing waste management facilities		+?
Objective 4 justification:	The site has the potential for positive effects on sustainable local economic activity as it is adjacent to an existing waste management facility and is adjacent to existing industrial development.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-	
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	The GCC assessment states that the site lies outside of all aerodrome safeguarding zones.		
SA Objective 8: Biodiversity		SA Judgement:	+?
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	More than 500m from BAP Species		0
BAP habitat:	More than 500m from BAP Habitat		0
Ancient woodland:	More than 500m from Ancient Woodland		0

Site name: Moreton Vallence Airfield

LUC ID: 546

Area (ha): 5.53

District: Stroud

GCC ecology assessment: Scored as +* by GCC Ecologist and GCER +?

Objective 8 justification: Development at this site would have a potentially positive impact on biodiversity, as the site has no international, national or local designations within the immediate vicinity and has been assessed by GCC as having a potentially uncertain or positive impact on biodiversity.

SA Objective 9: Landscape **SA Judgement:** **0**

Industrial Estates: Within or adjacent to existing industrial estate 0

AONB: More than 1km from an AONB 0

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity: Uncertain due to lack of spatial information ?

Objective 9 justification: This site is considered to have no effect on the landscape as it is adjacent to an existing industrial area and lies more than 1km from an AONB.

SA Objective 10: Screening and/or innovative design **SA Judgement:** **+?**

Prominence: Positive effects through innovative design could be achieved +?

Objective 10 justification: The GCC assessment states that screening potential would depend on the size and technology of a proposed facility and that there is currently large bunding screening from the M5 which could potentially be improved.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** **+/-**

Open space/recreation/leisure: Within 250m of a leisure, recreational facility or open space -

PROW: More than 250m from a PROW 0

GCC PROW assessment: Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced +

Objective 11 justification: The site is within 250m of a camp site but there are no PROW within the site or 250m of its boundary, so the overall impact on this objective is mixed.

SA Objective 12: Geodiversity **SA Judgement:** **0**

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The site is not expected to affect this objective as it is more than 500m from a SSSI or a RIGGS.

Site name: Moreton Vallence Airfield

LUC ID: 546

Area (ha): 5.53

District: Stroud

SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	The site scored positively in the GCC assessment and has no heritage features in close proximity so is judged as having a potentially positive effect in terms of archaeological heritage.		
SA Objective 14: Flooding		SA Judgement:	++
Flood Zone 1:	Entirely within Flood Zone 1		++
Flood Zone 2:	Not within Flood Zone 2		N/A
Flood Zone 3:	Not within Flood Zone 3		N/A
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		++
Objective 14 justification:	The site is entirely within Flood Zone 1 and the GCC assessment scored it very positively as there are no historic flood outlines and there are no recorded incidents of flooding from other sources within the site, so the site could have a significant positive effect on preventing flooding and reducing the risk to the public water supply.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++/-
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (over 5ha)		
Objective 16 justification:	The site is large and was previously developed as an airfield. As such, there is potential for a significant positive effect on protecting or enhancing soil/land quality. However, the fact that the site is partially within Grades 2 or 3 BMV means that the overall effect is mixed.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Moreton Vallence Airfield

LUC ID: 546

Area (ha): 5.53

District: Stroud

**GCC strategic
highways assessment:**

**Objective 17
justification:** This site has been assessed as 'medium' by the GCC Highways assessment in terms of its direct access onto the strategic highways network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

**GCC sustainable
transport:** Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

**Objective 19
justification:** The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

**Objective 22
justification:** The fact that the site is adjacent to an existing industrial estate means that there is significant potential for positive effects if energy were to be generated from the waste management process and used within nearby development. However, the flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout and incorporation of sustainable construction techniques, drainage measures etc.

Site name: Sharpness Docks

LUC ID: 547

Area (ha): 82.35

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: Residential development and offices are located within 250m from the site, a short distance to the east, therefore development of a waste facility on the site could potentially have negative effects on health and wellbeing. Because of the uncertainty as to the type of facility that would be developed on the site at this stage, the overall judgement is potentially negative.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0

Cumulative impacts on community: Within 250m of existing waste management facilities -

Objective 3 justification: The site is within 250m of existing residential properties, so could have a potentially significantly negative effect on amenity. It is adjacent to existing waste management facilities so could have a cumulative effect on the local community.

Site name: Sharpness Docks

LUC ID: 547

Area (ha): 82.35

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	Adjacent to site from Waste Local Plan		+?
Proximity to existing waste facilities:	Within 250m of existing waste management facilities		+?
Objective 4 justification:	This site is within an existing industrial area, is within 250m of an existing waste management facility and is a site within the Gloucestershire Waste Local Plan, which means that the site may have a beneficial effect in terms of encouraging complementary activities to waste management.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	This site is not within an aerodrome safeguarding/consultation area and is not expected to have an effect on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	- -
SAC:	Within 500m of SAC		-
SPA:	Within 500m of SPA		-
Ramsar:	Within 500m of Ramsar site		-
National Nature Reserve:	More than 500m from NNR		0
SSSI:	Within 500m of SSSI		-
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites		- -
BAP species:	Within 500m of BAP Species		-
BAP habitat:	Within 500m of BAP Habitat		-
Ancient woodland:	More than 500m from Ancient Woodland		0

Site name: Sharpness Docks

LUC ID: 547

Area (ha): 82.35

District: Stroud

GCC ecology assessment: Scored as -- by GCC ecologists and GCER - -

Objective 8 justification: The site is within 500m of the Severn Estuary which is an SAC, an SPA, a SSSI and a Ramsar site, and it is within a Key Wildlife Site (Sharpness Docks). There are also several BAP Species within 100m of the site, including the songthrush and the yellowhammer, and several BAP habitats within 100m including coastal saltmarsh. The GCC ecology assessment notes that the overall impact on biodiversity could be potentially negative or uncertain.

SA Objective 9: Landscape **SA Judgement:** **0**

Industrial Estates: Within or adjacent to existing industrial estate 0

AONB: More than 1 km from an AONB 0

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity: Uncertain due to lack of spatial information ?

Objective 9 justification: The GCC site assessment notes that the site is located on land that has been mostly developed and it is not within or adjacent to a national landscape designation such as AONB. The site covers existing industrial estate and is not expected to have an effect on landscape.

SA Objective 10: Screening and/or innovative design **SA Judgement:** **?**

Prominence: Uncertain due to lack of spatial information ?

Objective 10 justification: The GCC site assessment notes that there are scenic areas adjacent to the area and that, although certain areas of the site are relatively well screened, there are tall buildings highly visible from the river. Positive effects through innovative design could be achieved, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** **- -**

Open space/recreation/leisure: Includes a leisure, recreational facility or open space - -

PROW: Includes a PROW - -

GCC PROW assessment: Assessed as having several permissive paths present, with some minor re-routing required. - -

Objective 11 justification: GCC site assessment and GIS analysis indicate that there are several permissive paths present, and that some re-routing will be required. This means that the site could have a significant negative effect on recreation activities.

SA Objective 12: Geodiversity **SA Judgement:** **-**

SSSI: Within 500m of SSSI -

RIGGS: Within 500m of a RIGGS -

Objective 12 justification: The site is within 500m of a SSSI (Severn Estuary) and the GCC site assessment states that there was a RIGGS recorded within 250m of the site boundary (Sharpness Point).

Site name: Sharpness Docks

LUC ID: 547

Area (ha): 82.35

District: Stroud

SA Objective 13: Heritage		SA Judgement:	--
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Listed Building present on site		--
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		--
Objective 13 justification:	The GCC assessment for archaeology was significantly negative because of the presence of the Docks Warehouse which is a listed building within the site. Although there is no other cultural asset within, or close to, the site, the presence of this listed building means that the overall effect of the site is potentially significantly negative.		
SA Objective 14: Flooding		SA Judgement:	--
Flood Zone 1:	Not within Flood Zone 1		N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources		--
Objective 14 justification:	This site has the potential for a significant negative effect in terms of flood risk, with around a third of the site lying in Flood Zone 3 and the Sharpness Canal running through it. The GCC flood assessment scored the site as having significantly negative potential effects.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	++/-
Previously developed land:	On Previously Developed Land		++
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (over 5ha)		
Objective 16 justification:	The site is on previously developed land and is large, being around 82ha in size; however there is also some grade 3 agricultural land on the site. The overall potential effect is mixed.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Sharpness Docks

LUC ID: 547

Area (ha): 82.35

District: Stroud

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site has been assessed as 'medium' by the GCC Highways Agency in relation to its direct access onto the strategic highways network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

**GCC sustainable
transport:** Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

**Objective 19
justification:** The GCC assessment considers the site to have good potential for rail and/or water transport (as it is generally considered to be to far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

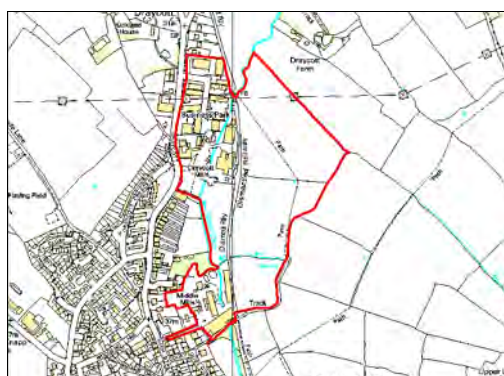
**Objective 22
justification:** The site is within an existing industrial estate and so there is potential for significant positive effects if energy were to be developed from the waste management process.

Site name: Draycott Mills Industrial Estate Area, Cam

LUC ID: 548

Area (ha): 20.2

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The site is within 250m of residential properties and offices so there is potential for a negative impact on health and well-being. To the south east of the site, these receptors back directly onto the site boundary.	

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The effect of development on this site would be potentially negative in terms of the amenity of local communities, as there are houses and offices within 250m of the boundary. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	

Site name: Draycott Mills Industrial Estate Area, Cam

LUC ID: 548

Area (ha): 20.2

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	Part of the site is already used for industrial activities, meaning that there is potential for positive effects on local sustainable economic development if activities complementary to waste management were encouraged.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	The site lies outside all safeguarding zones.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-
BAP habitat:	More than 500m from BAP Habitat		0
Ancient woodland:	More than 500m from Ancient Woodland		0

Site name: Draycott Mills Industrial Estate Area, Cam

LUC ID: 548

Area (ha): 20.2

District: Stroud

GCC ecology assessment: Scored as 0 by GCC Ecologist and GCER 0

Objective 8 justification: The site is within 500m of several BAP species including the badger and the water vole so development here could have a negative impact on biodiversity.

SA Objective 9: Landscape **SA Judgement:** 0

Industrial Estates: Within or adjacent to existing industrial estate 0

AONB: More than 1km from an AONB 0

Locally designated for landscape quality: Uncertain due to lack of spatial information ?

Landscape Sensitivity:

Objective 9 justification: Part of the site is already used for industrial purposes and it is more than 1km from the nearest AONB, thus there should not be an effect on landscape.

SA Objective 10: Screening and/or innovative design **SA Judgement:** ?

Prominence: Uncertain due to lack of spatial information ?

Objective 10 justification: The GCC assessment does not cover the screening potential of the site.

SA Objective 11: Material, cultural and recreational assets **SA Judgement:** - -

Open space/recreation/leisure: Includes a leisure, recreational facility or open space - -

PROW: Includes a PROW - -

GCC PROW assessment: Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required - -

Objective 11 justification: The site includes a significant area of undeveloped open space on the eastern side, and has been assessed as double negative in the GCC PROW assessment as major deviation to, or closure of, the network would be required if the site were developed.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: There were no recorded geological features on the site or within 250m of its boundary, and the site is further than 500m from a SSSI.

Site name: Draycott Mills Industrial Estate Area, Cam

LUC ID: 548

Area (ha): 20.2

District: Stroud

SA Objective 13: Heritage		SA Judgement:	+/-
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	Within 100m of a Listed Building		-
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	The site is within 100m of a listed building to the south west. The GCC assessment states that there are unlikely to be issues relating to the listed Court House Farmhouse to the north east, but does not mention this closer listed building so the impact of development on the site is unknown but considered likely to be negative. However the GCC assessment rates the site as positive because no significant archaeological remains are known on the site. The overall effect is therefore likely to be mixed.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site is predominantly within Flood Zone 1 and only marginally affected by Flood Zones 2 and 3, so there is potential for a positive impact in terms of flood risk. The GCC assessment found that the site has not been flooded since 1968 and that there are no records of flooding from sources such as groundwater or surface water within the site.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	-
Previously developed land:	Partially on Previously Developed Land		+
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-
Site size:	Large (i.e. over 5ha)		
Objective 16 justification:	This is a large site (20ha) which has been mainly developed but still includes some undeveloped land. The majority of the site is on grade 3 agricultural land so the impact of development on this objective would be negative.		
SA Objective 17: Air quality		SA Judgement:	+

Site name: Draycott Mills Industrial Estate Area, Cam

LUC ID: 548

Area (ha): 20.2

District: Stroud

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as medium by the GCC Highways assessment as it would access the strategic highway network via the A4135, meaning that traffic would only spend a limited time travelling slowly on local routes. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

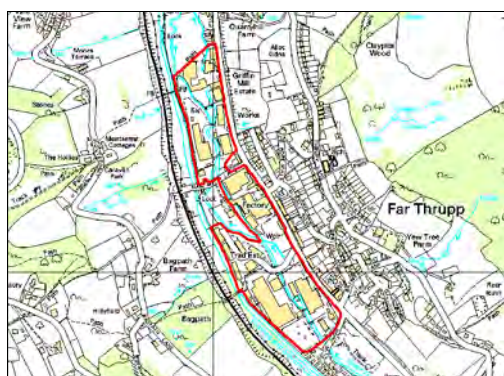
Known/proposed CHP user:

Objective 22 justification: Part of the site is already used for industrial activities, so there is potential for significant positive impacts if energy generated through the waste management process was used within nearby development. The score is uncertain as it is dependent on the type of facility to be developed and on the feasibility of incorporating energy use into nearby development.

LUC ID: 549

Area (ha): 10.8

District: Stroud



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SA Objective 1: Health and well-being

SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within 100m-250m of residential properties, a school and offices so there is potential for a negative impact on health and well-being if this site were to be developed. Housing developments directly borders the site to the east.

SA Objective 2: Educate and maximise community participation

SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities

SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts	More than 250m from existing waste management facility	0

Objective 3 justification: The site is within 250m of sensitive receptors so the impact of development here on the amenity of local communities is expected to be negative. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

Site name: Thrupp Mills I

LUC ID: 549

Area (ha): 10.8

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		+?
Proximity to existing waste facilities:	More than 250m from existing waste management facility		+?
Objective 4 justification:	The site comprises two existing business parks and is further than 250m from the nearest existing waste management facility or WLP. As a result, there is potential for a positive impact on sustainable economic development as complementary activities to waste management may be encouraged. The score is uncertain as it depends on the type of facility proposed and on the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	The site has been assessed by GCC as lying outside of all safeguarding zones so is not expected to have an effect on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	- -
SAC:	Within 500m of SAC		-
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	Within 500m of SSSI		-
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites		-
BAP species:	Within 500m of BAP Species		-
BAP habitat:	Within 500m of BAP Habitat		-

Site name: Thrupp Mills I

LUC ID: 549

Area (ha): 10.8

District: Stroud

Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as --* by GCC Ecologist and GCER	--
Objective 8 justification:	Development of this site would have potentially significant negative impacts on biodiversity as the site is located within 500m of a SAC (Rodborough Common), a SSSI (Minchinhampton Common), a Key Wildlife Site (Claypits Wood), various BAP species (including the otter and the common toad), several BAP habitats (including lowland beech and yew woodland) and ancient woodland.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is less than 75m from the Cotswolds AONB, so development here could have a negative impact on the landscape. This effect is uncertain however, as the site is within or adjacent to an existing industrial estate.	
SA Objective 10: Screening and/or innovative design		SA Judgement: --
Prominence:	Likely to be prominent in the landscape	--
Objective 10 justification:	The GCC assessment states that screening of the site could be challenging due to the valley location. There are a range of sensitive receptors close by that the site may be visible to.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: --
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--
Objective 11 justification:	The site is within 250m of extensive open space and leisure facilities such as a caravan park and allotment gardens. There are several PROW crossing the site, and the GCC assessment found that development would have a major adverse impact on the network with potential closure or deviation required. As such, the impact of development on this site may have significant negative impacts on recreational assets.	
SA Objective 12: Geodiversity		SA Judgement: -
SSSI:	Within 500m of SSSI	-
RIGGS:	Uncertain due to lack of spatial information	?

Site name: Thrupp Mills I

LUC ID: 549

Area (ha): 10.8

District: Stroud

Objective 12 justification: The GCC assessment found that the site has nearby SSSIs with geological features at: Rodborough Common (280m) and Minchinhampton Common (770m). The impact of development here would therefore be negative.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The site has two listed buildings within the boundary and a further two within 250m. The GCC also states that the site is located within Stroud Industrial Heritage Conservation area, so development here would have significant negative impacts on this objective.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Partially within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: Development of this site would have a potentially significant negative impact on the flood risk, as a large proportion of the site lies within Flood Zone 3. Although there are no historic flood outlines for the River Frome at this location, the GCC assessment rated the site poorly in terms of flood risk because of the predominance of Flood Zone 3b within the site.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (11ha) and is on previously developed urban land, so the effect of development on soil/land quality is expected to be significantly positive.

Site name: Thrupp Mills I

LUC ID: 549

Area (ha): 10.8

District: Stroud

SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	The site has been assessed as 'medium' in terms of its proximity to the strategic highway network via the A419, so the impact of traffic on air quality should be reasonably low. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	+
GCC sustainable transport:	Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport		+
Objective 19 justification:	The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be to far from these) and has also assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	++?
Industrial estates:	Within or adjacent to existing industrial estate		++?
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	The site is already used for industrial activities, so there is potential for a significant positive effect on this objective if energy generated from the waste management process were to be used within nearby development. The score is uncertain as it will depend on the nature of the facility to be developed and on the feasibility of incorporating energy use within nearby development.		

Site name: Thrupp Mills I

LUC ID: 549

Area (ha): 10.8

District: Stroud

Site name: Meadow Mill, Eastington

LUC ID: 550

Area (ha): 4.16

District: Stroud



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SA Objective 1: Health and well-being **SA Judgement: -?**

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-?
Objective 1 justification:	The site is within 250m of scattered residential properties and a place of worship, so there is potential for a negative impact on health and wellbeing around the site.	

SA Objective 2: Educate and maximise community participation **SA Judgement: +?**

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities **SA Judgement: -**

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is within 250m of sensitive receptors so the impact of development here on local amenity would be expected to be negative. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	

SA Objective 4: Sustainable economic development **SA Judgement: +?**

Site name: Meadow Mill, Eastington

LUC ID: 550

Area (ha): 4.16

District: Stroud

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	0
Objective 4 justification:	Parts of the site are already used for industrial activities, therefore there is some potential for a positive impact on local sustainable economic development if complementary activities to waste management were to be encouraged. The score is uncertain as it depends on the nature of the proposed facility and on the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The GCC assessment found that the site lies outside of all aerodrome safeguarding zones, so will have no effect on this objective.	
SA Objective 8: Biodiversity		SA Judgement: - -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	- -
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0

Site name: Meadow Mill, Eastington

LUC ID: 550

Area (ha): 4.16

District: Stroud

GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The River Frome, which is a Key Wildlife Site and a BAP habitat, runs through the site and there are several BAP species within 250m of the boundary, including the otter and the pied wagtail. The impact of development on biodiversity will therefore be significantly negative.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Development at this site is not expected to have an impact on the landscape as it is already used for industrial activities and is located more than 1km from an AONB.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	0

Prominence:	Not likely to be prominent in the landscape	0
Objective 10 justification:	Although there are sensitive receptors close by, the GCC assessment states that the site could potentially be well screened in summer as there are existing small tree lines around the field and stream areas.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	--
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site includes a PROW and has leisure/recreation facilities such as the Riverside Park within 250m of the boundary. However, the GCC assessment found that there is an opportunity for the existing route to be enhanced, so the overall effect of development at this site would be mixed.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	Uncertain due to lack of spatial information	?
Objective 12 justification:	The GCC assessment states that there were no recorded geological features on the site or within 250m of its boundary, and it is more than 500m from a SSSI, so the site is not expected to have an impact on geodiversity.	

Site name: Meadow Mill, Eastington

LUC ID: 550

Area (ha): 4.16

District: Stroud

SA Objective 13: Heritage		SA Judgement:	--
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Located within a Conservation Area		--
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		--
Objective 13 justification:	The site is located within the Stroud Industrial Heritage Conservation area, so development here could have significant negative impact on heritage.		
SA Objective 14: Flooding		SA Judgement:	-
Flood Zone 1:	Not within Flood Zone 1		N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as a negative (-) in the GCC flood risk site assessment		-
Objective 14 justification:	The GCC assessment found that development of this site would have a potentially negative impact on the flood risk as just over 50% of the site is located within Flood Zone 3a and there are historic records of flooding.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	Partially on Previously Developed Land		+
Agricultural land classification:	Entirely within Grades 1, 2 or 3 BMV		-
Site size:	Small to medium (i.e. less than 5ha)		
Objective 16 justification:	The site is medium-sized (4ha) and is located entirely on grade 3 agricultural land. Parts of the site have been previously developed, so the effect of development on soil/land quality would be mixed.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: Meadow Mill, Eastington

LUC ID: 550

Area (ha): 4.16

District: Stroud

GCC strategic highways assessment: +

Objective 17 justification: The site has been assessed as 'medium' by GCC in terms of its proximity to the strategic highway network via the A419, meaning that traffic would only need to travel a limited distance slowly on local roads. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

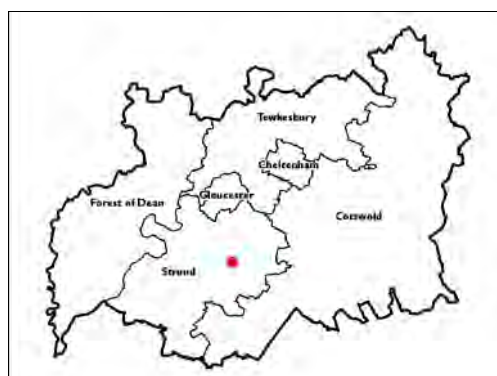
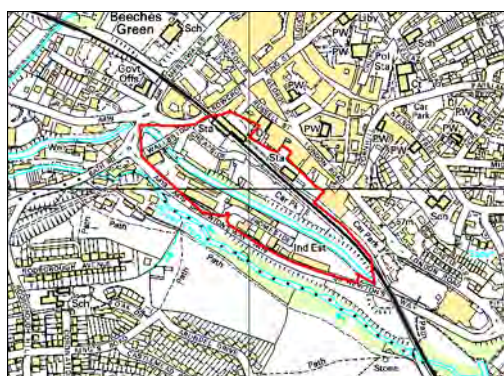
Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: Parts of the site are already used for industrial purposes, so there is potential for a positive impact on this objective if energy generated during the waste management process were to be used in nearby development. The score is uncertain as it would depend on the nature of the facility to be developed and on the feasibility of incorporating energy use in nearby developments.

LUC ID: 552

Area (ha): 7.09

District: Stroud



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SA Objective 1: Health and well-being

SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?

Proposed residential:	Uncertain due to lack of spatial information	?

Schools:	Within 250m of a school	-2

Hospitals:	Over 250m from a hospital	0

Offices:	Within 250m of offices	-?

Faith centres: Within 250m of places of worship -?

Objective 1 justification:	The site is within 100m-250m of sensitive receptors including residential development, offices, two schools and multiple faith centres, so the impact of development here on health and well being could be negative.

SA Objective 2: Educate and maximise community participation

SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities

SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-

Proposed residential: Uncertain due to lack of spatial information ?

Schools:	Within 250m of a school	-

Hospitals:	Over 250m from a hospital	0

Offices:	Within 250m of offices	-

Faith centres: Within 250m of places of worship

Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site is within close proximity of a range of sensitive receptors, so the impact on the amenity of local communities would be expected to be negative. It is more than 250m from an existing waste facility so should not have a cumulative effect.

Site name: Fromeside Industrial Estate/Cheapside Wharf

LUC ID: 552

Area (ha): 7.09

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The site is already used for industrial activities, so there is potential for a positive impact on local sustainable economic development if complementary activities to waste management were encouraged. This is an uncertain score as it depends on the nature of the facility to be developed and of neighbouring industrial activities.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	++
GCC employee transport:	Assessed as 'high' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		++
Objective 6 justification:	This site has been assessed as having high potential for employees to use sustainable transport to travel to work at the site, therefore a significant positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	This site lies outside of all aerodrome safeguarding zones and so is not expected to have an impact on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	--
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites		-
BAP species:	Within the boundary of BAP Species		--
BAP habitat:	Within 500m of BAP Habitat		-

Site name: Fromeside Industrial Estate/Cheapside Wharf

LUC ID: 552

Area (ha): 7.09

District: Stroud

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as --* by GCC Ecologist and GCER	--
Objective 8 justification:	Development at this site would have a potentially significant negative impact on biodiversity as it is within 500m of BAP habitats (e.g. Rodborough Fields) and has several BAP species within 500m and one on site (the water vole). The GCC assessment indicates that a designated aquifer fed/surface water/flood water dependent site over 1km distant may be negatively affected by development at the site. The overall impact of development would be significantly negative.	

SA Objective 9: Landscape	SA Judgement: -?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is located less than 60m away from the Cotswolds AONB, so development here could have a potentially negative impact on the landscape, although parts of the site are already used for industrial activities so this impact is uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement: -

Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The GCC assessment found that limited space is available for screening the site through significant tree/shrub planting and, as it is in close proximity to the residential area of Cainscross, there will be a potentially negative impact on this objective.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement: --

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--
Objective 11 justification:	The site is within 250m of open space and includes a PROW across it. The GCC assessment states that development would have a major adverse impact on the PROW network with potential closure of the route or major deviation being necessary.	

SA Objective 12: Geodiversity	SA Judgement: -?

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0

Site name: Fromeside Industrial Estate/Cheapside Wharf

LUC ID: 552

Area (ha): 7.09

District: Stroud

Objective 12 justification: Although the site is more than 500m from a SSSI or a RIGS, the GCC assessment found that Rodborough Common, a SSSI with Geological features, was recorded 640m away. As a result, development of the site would have a potentially negative impact on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The GCC site assessment states that there are several listed buildings located within the site, and it is situated within the Stroud Industrial Heritage and Station Conservation areas, so development of the site would have a potentially significant negative impact on heritage.

SA Objective 14: Flooding **SA Judgement:** 0

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: GCC flood risk site assessment indicates that site may have some potential for waste uses through certain conditions (score 0) 0

Objective 14 justification: The site is predominantly in Flood Zone 1 and is only marginally affected by Flood Zones 2 and 3. The GCC flood risk site assessment indicates that the site may have some potential for waste uses through certain conditions, and overall the site is not expected to have an effect on flood risk areas.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (7ha) and is on previously developed urban land, so development here could have a significant positive effect on protecting or enhancing soil/land quality.

SA Objective 17: Air quality **SA Judgement:** +

Site name: Fromeside Industrial Estate/Cheapside Wharf

LUC ID: 552

Area (ha): 7.09

District: Stroud

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site has been assessed as 'medium' by GCC in terms of its proximity to the strategic highway network via the A419. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** + +

**GCC sustainable
transport:** Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access + +

**Objective 19
justification:** The GCC assessment considers the site to have high potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

**Objective 22
justification:** Parts of the site are already used for industrial purposes, so development could have a significant positive impact on this objective if energy generated during the waste management process were to be used in nearby development. The score is uncertain as it is dependent on the type of facility proposed on the site and on the feasibility of incorporating energy use into nearby development.

Site name: Fromeside Industrial Estate/Cheapside Wharf

LUC ID: 552

Area (ha): 7.09

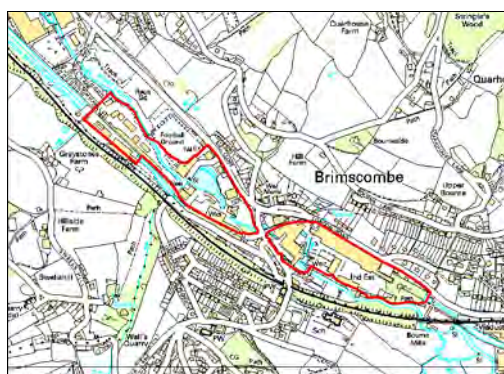
District: Stroud

Site name: Thrupp Mills 2

LUC ID: 553

Area (ha): 9.02

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-?
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?
Objective 1 justification:	The site is located within 100m of residential properties, a school, a place of worship and offices, so development here could have a negative impact on health and well-being.	

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Within 250m of a school	-
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	-
Cumulative impacts on community:	Within 250m of an existing waste management facility	-
Objective 3 justification:	The site is within 250m of a range of sensitive receptors so there is potential for a negative impact on local communities. However, there is also the potential for a cumulative impact on the local community due to the site being within 250m of an existing waste management facility.	

SA Objective 4: Sustainable economic development		SA Judgement: +?

Site name: Thrupp Mills 2

LUC ID: 553

Area (ha): 9.02

District: Stroud

Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Within 250m of an existing waste management facility	+?
Objective 4 justification:	Parts of the site are already used for industrial activities, and the site is within 250m of an existing waste management facility, so there is potential for a positive impact in terms of local sustainable economic development if complementary activities to waste management were to be encouraged. The score is uncertain as it is dependent on the type of facility proposed on the site and on the nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The site is located outside of all aerodrome safeguarding zones, so is not expected to have an effect on this objective.	
SA Objective 8: Biodiversity		SA Judgement: - -
SAC:	Within 500m of SAC	-
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	Within 500m of SSSI	-
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-

Site name: Thrupp Mills 2

LUC ID: 553

Area (ha): 9.02

District: Stroud

Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as --* by GCC Ecologist and GCER	--
Objective 8 justification:	The site is located within 500m of Rodborough Common, which is an SAC and a SSSI, Swellshill Fields, which is a Key Wildlife Site, and Park Wood, which is an Ancient Woodland site. There are also several BAP species found within 500m of the site, including the Kingfisher and the Grey Wagtail. As such, there is potential for a significant negative impact on biodiversity if this site were to be developed. The GCC assessment rated the site as --* due to the potential for a designated aquifer fed/surface water/flood water dependent site over 1 km distant to be affected.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1 km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is located less than 50m away from the Cotswolds AONB, so development here could have a potentially negative impact on the landscape, although parts of the site are already used for industrial activities so this impact is uncertain.	
SA Objective 10: Screening and/or innovative design		SA Judgement: --
Prominence:	Likely to be prominent in the landscape	--
Objective 10 justification:	The GCC assessment found that screening here could be challenging as the site lies in a valley. Development here could, therefore, have a significant negative impact on this objective.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: --
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--
Objective 11 justification:	The site has a number of PROWs passing through, and is within 250m of a football ground, school grounds and extensive open space. The GCC assessment found that development would have a major adverse impact on the PROW network, with potential closure or major deviation required, so the impact on recreational assets would be significantly negative.	
SA Objective 12: Geodiversity		SA Judgement: -
SSSI:	Within 500m of SSSI	-
RIGGS:	More than 500m from a RIGGS	0

Site name: Thrupp Mills 2

LUC ID: 553

Area (ha): 9.02

District: Stroud

Objective 12 justification: The site is more than 500m from a RIGS but within 500m of a SSSI (Rodborough Common). In addition, the GCC assessment states that Rodborough Common, as well as another nearby SSSI (Minchinhampton Common) have geological features recorded. The impact of development here would therefore have a negative impact on geodiversity.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The site is located within the Stroud Industrial Heritage Conservation Area and has several listed buildings present on site, so has been assessed as having a potentially significant negative impact on heritage.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Partially within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: A significant proportion of the site lies within Flood Zone 3, and it has scored as a double negative (--) in the GCC flood risk assessment, meaning that development here is likely to have a significant negative impact in terms of flood risk.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (9ha) and is located entirely on previously developed urban land. As such, development here could have a significant positive impact in terms of preserving soil/land quality.

Site name: Thrupp Mills 2

LUC ID: 553

Area (ha): 9.02

District: Stroud

SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+
GCC strategic highways assessment:			
Objective 17 justification:	The site has been assessed as 'medium' by GCC in terms of its proximity to the strategic highways network via the A419, so traffic will only spend a limited time travelling slowly on smaller local roads. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.		
SA Objective 18: Water quality		SA Judgement:	0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.		
SA Objective 19: Impacts of lorry traffic		SA Judgement:	+
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport		+
Objective 19 justification:	The GCC assessment considers the site to have medium potential for rail and/or water transport (as it is generally considered to be too far from these) and has also assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.		
SA Objective 20: Promote the waste hierarchy		SA Judgement:	+
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 21: Use of primary materials		SA Judgement:	+
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.		
SA Objective 22: Adapt to climate change		SA Judgement:	++?
Industrial estates:	Within or adjacent to existing industrial estate		++?
Known/proposed CHP user:	Uncertain due to lack of spatial information		?
Objective 22 justification:	Parts of the site are already used for industrial purposes, so development here could have a significant positive impact on this objective if energy generated through the waste management process were to be used in nearby development. The score is uncertain as it would depend on the nature of the facility to be developed and on the feasibility of incorporating energy use in nearby development.		

Site name: Thrupp Mills 2

LUC ID: 553

Area (ha): 9.02

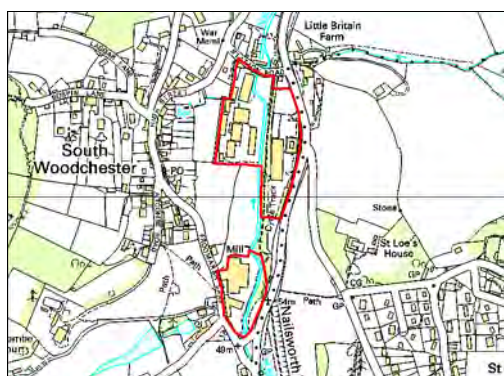
District: Stroud

Site name: Woodchester

LUC ID: 554

Area (ha): 4.33

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Within 250m of places of worship	-?

Objective 1 justification: This site is situated in an area with mixed uses including some manufacturing and old mill buildings. Farmland and allotments also surround the site. There are a number of sensitive receptors within 250m of the site, including housing and potentially some office development, a small amount of which is directly adjacent to the site, thus development of a waste facility on the site could have the potential for significant negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Within 250m of places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Woodchester

LUC ID: 554

Area (ha): 4.33

District: Stroud

Objective 3 justification: The site has sensitive receptors within 250m, thus there could be a negative effect on the local community. In addition, it is adjacent to an existing waste facility so could have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**?

Waste Local plan: More than 250m from Waste Local Plan site **0**

Proximity to existing waste facilities: Adjacent to existing waste management facilities **0**

Objective 4 justification: The site is located on land that has been previously developed and includes some manufacturing businesses and old mill buildings. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+**

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area **0**

Objective 7 justification: The GCC site assessment indicates that the site lies outside all aerodrome safeguarding zones and thus there should be no effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: Within 500m of SSSI **-**

LNR: More than 500m from LNR **0**

Key Wildlife Sites: Within the boundary of Key Wildlife Sites **- -**

Site name: Woodchester

LUC ID: 554

Area (ha): 4.33

District: Stroud

BAP species:	Within the boundary of BAP Species	- -
BAP habitat:		-
Ancient woodland:	Within 500m of Ancient Woodland	-
GCC ecology assessment:	Scored as --* by GCC Ecologist and GCER	- -
Objective 8 justification:	The GCC assessment notes that there could be a significant negative effect as the site is within 500m of Rodborough Common SSSI (670m) and Michinhampton Common SSSI (415m). It also notes that there could be an effect on the Severn Estuary SAC/SPA/Ramsar (15200m) as it is an aquifer fed/surface water/flood water dependent site that could be affected. The potential for significant effects would need to be assessed through the Habitats Regulations Assessment. Nailsworth Brook (A key wildlife site is also within the boundary of the site, with potential for significant negative effects. Species such as <i>Arvicola terrestris</i> (Water Vole) can be found on site. BAP priority habitats such as Lowland calcareous grassland can be found within 500m.	

SA Objective 9: Landscape	SA Judgement:	-?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The site is located less than 10m away from the Cotswolds AONB, with potential for negative effects, but the site is within an existing industrial estate, therefore such effects are uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	?

Prominence:	Likely to be prominent in the landscape	?
Objective 10 justification:	There may be positive effects through innovative design to be achieved, but effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application. Although the the prominence of this site in the landscape is uncertain, the GCC assessment notes that as the site is located in a valley bottom, complete screening could be difficult. There are however existing mature trees around the site. The potential effect if developing a waste facility at this site is therefore uncertain.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/ recreation/leisure:	More than 250m from a leisure, recreational facility or open space	-
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There could be a minor negative effect on recreation activity assets in the County (by making the facilities less attractive for users) as there is a cycle track and stand of woodland separating the two parts of the site, some mixed woodland, openwater features and a war memorial, within 350m of the site. The GCC assessment, however, also notes that there is no PROW present on site, which could have a minor positive effect.	

Site name: Woodchester

LUC ID: 554

Area (ha): 4.33

District: Stroud

SA Objective 12: Geodiversity		SA Judgement:
SSSI:	Within 500m of SSSI	-
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	The GCC site assessment and GIS review indicate there are SSSIs with geological features recorded at Rodborough Common (675m) and Michinhampton Common (415m) and therefore there could be a minor negative effect on this objective.	
SA Objective 13: Heritage		SA Judgement:
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	Listed Building present on site	--
Conservation Areas:	Located within a Conservation Area	--
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)	--
Objective 13 justification:	The GCC assessment designates the site as having a significant negative effect on this objective as the site is within the Stroud Industrial Heritage, and Woodchester Conservation Areas and contains a listed industrial building. The site has already been subject to recent industrial development which may have affected the setting of the Listed Building and the extent to which the Conservation Area designations would impede further industrial development (subject to certain constraints) is not clear.	
SA Objective 14: Flooding		SA Judgement:
Flood Zone 1:	Partially within Flood Zone 1	N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2	-
Flood Zone 3:	Partially or entirely within Flood Zone 3	--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources	--
Objective 14 justification:	The site has been assessed as being mainly within Flood zone 3b and has been scored negatively in the GCC assessment in relation to historical flood risk, flood risk from other sources and residual risk, and could have significant negative effects on flood-risk areas.	
SA Objective 15: Prevent pollution		SA Judgement:
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	
SA Objective 16: Soil/land quality		SA Judgement:
Previously developed land:	On Previously Developed Land	+

Site name: Woodchester

LUC ID: 554

Area (ha): 4.33

District: Stroud

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: This is a small to medium site (4ha) and could have a potential positive effect on protecting and enhancing soil/land quality as it is entirely on previously developed land. It is also not within grade 1, 2 or 3 BMV agricultural land and thus having no effect on this objective.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment: +

Objective 17 justification: The site has been assessed as 'medium' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** ++?

Industrial estates: Within or adjacent to existing industrial estate ++?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Woodchester

LUC ID: 554

Area (ha): 4.33

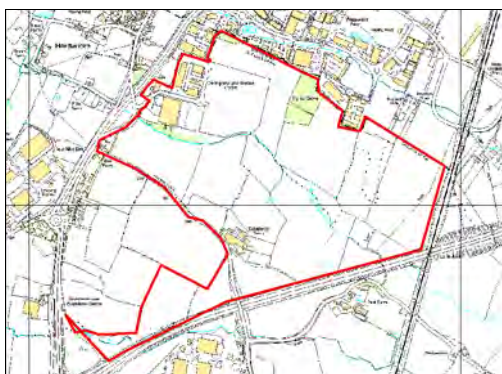
District: Stroud

Site name: Hunt's Grove/Hardwicke

LUC ID: 555

Area (ha): 117.8

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Within an area proposed for housing	-?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is within 100m-250m of offices and existing residential properties. In addition, large volumes of housing are proposed as part of the Hunts Grove development to the centre north of the site. The impact of development here on health and well-being is therefore potentially negative.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Within an area proposed for housing	-
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: The site is within 250m of various sensitive receptors, including proposed housing development within the site itself, so the effect of development on the amenity of local communities would be expected to be negative. It is more than 250m from an existing waste facility so should not have a cumulative effect.

Site name: Hunt's Grove/Hardwicke

LUC ID: 555

Area (ha): 117.8

District: Stroud

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	Part of the site is already used for industrial purposes, so there is potential for a positive impact on sustainable local economic development if activities complementary to waste management were to be encouraged. The score is uncertain as it is dependent on the nature of the facility to be developed and on the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	+
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport safeguarding zone, so there is potential for a negative impact on the safety of commercial or military aerodromes if birds or tall chimneys were to create a hazard. The score is uncertain as it is dependent on the nature of the facility to be developed.		
SA Objective 8: Biodiversity		SA Judgement:	-
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Within 500m of BAP Species		-
BAP habitat:	More than 500m from BAP Habitat		0

Site name: Hunt's Grove/Hardwicke

LUC ID: 555

Area (ha): 117.8

District: Stroud

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	Although the site is located more than 500m from an locally, nationally or internationally designated sites, there are several BAP species present within this distance of the boundary, including the badger and the swallow. The impact of development could therefore be negative in terms of biodiversity.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Parts of the site are already used for industrial purposes, and the site is further than 1km from an AONB, so development here is not expected to have an impact on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC assessment states that screening potential at the site is uncertain, and depends on the scale, technology and exact location of any proposed waste facility. No information is given about the topography of the landscape, so it is not possible to make a judgement on how prominent a facility would be likely to be.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: - -
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	- -
PROW:	Includes a PROW	- -
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site includes extensive areas of open space and woodland, as well as a PROW, so despite the GCC assessment rating the site as positive in terms of its PROW score, it is expected that development here would have a significant negative impact on recreational assets.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0

Site name: Hunt's Grove/Hardwicke

LUC ID: 555

Area (ha): 117.8

District: Stroud

Objective 12 justification: The site is more than 500m from a SSSI or a RIGS, and the GCC assessment states that there were no recorded geological features on the site or within 250m of its boundary. Therefore development at this site is not expected to have an impact on geodiversity.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: More than 100m from a Conservation Area 0

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores negative (-) in GCC Archaeology Team site assessment -

Objective 13 justification: The site is rated as negative in the GCC archaeology assessment, as it contains evidence for Romano British settlement and burials and medieval settlement. As such, development here could have a negative impact on heritage.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) ++

Flood Zone 2: Not within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site lies almost entirely in Flood Zone 1 and there are no historic flood outlines for the site, so development here is likely to have a positive impact in terms of the flood risk.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** - -

Previously developed land: Partially on Previously Developed Land -

Agricultural land classification: Entirely within Grades 1, 2 or 3 BMV - -

Site size: Large (i.e. over 5ha)

Objective 16 justification: The site is large (118ha) and lies entirely on Grade 3 agricultural land, of which a large proportion is undeveloped. As such, the impact of development on soil/land quality is expected to be significantly negative.

SA Objective 17: Air quality **SA Judgement:** + +

Site name: Hunt's Grove/Hardwicke

LUC ID: 555

Area (ha): 117.8

District: Stroud

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment: ++

Objective 17 justification: The site has been assessed as 'good' in terms of its proximity to the strategic highway network via the A38. This means that traffic would spend only a very limited time travelling slowly on local roads. In addition, it is not within 1km of an AQMA, therefore this site should have a significant positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** ++

GCC sustainable transport: Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access ++

Objective 19 justification: The GCC assessment considers the site to have high potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as good in terms of its proximity to the strategic highways network, so the overall effect is expected to be significantly positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** ++?

Industrial estates: Within or adjacent to existing industrial estate ++?

Known/proposed CHP user:

Objective 22 justification: Parts of the site are already used for industrial purposes, so there is potential for a significant positive impact on this objective if energy were to be generated from the waste management process and used in nearby development. This score is uncertain as it depends on the nature of the facility to be developed and on the feasibility of incorporating energy use into nearby development.

Site name: Hunt's Grove/Hardwicke

LUC ID: 555

Area (ha): 117.8

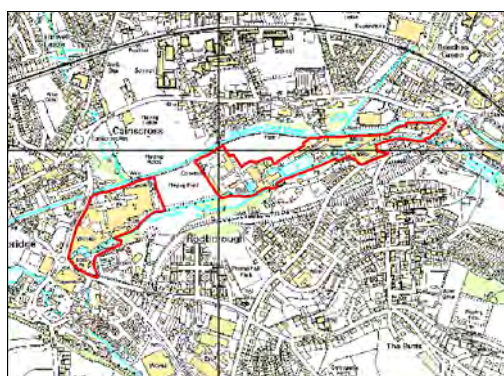
District: Stroud

Site name: Cainscross

LUC ID: 556

Area (ha): 11.42

District: Stroud



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is situated on land that houses mixed used development, some businesses and some industrial uses such as CEMEX ready mix plant. There are a number of sensitive receptors within 100m-250m of the site (housing, offices) thus development of a waste facility on the site could have the potential for negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Cainscross

LUC ID: 556

Area (ha): 11.42

District: Stroud

Objective 3 justification: The site has sensitive receptors (housing and offices) within 250m, with potential for negative effects on amenity. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**?

Waste Local plan: More than 250m from Waste Local Plan site **0**

Proximity to existing waste facilities: More than 250m from existing waste management facility **0**

Objective 4 justification: This site contains some industrial uses and has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+**

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area **0**

Objective 7 justification: The GCC site assessment indicates that the site is not within an Aerodrome Safeguarding Area and thus is not expected to have an effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: More than 500m from SSSI **0**

LNR: More than 500m from LNR **0**

Key Wildlife Sites: Within 500m of Key Wildlife Sites **-**

Site name: Cainscross

LUC ID: 556

Area (ha): 11.42

District: Stroud

BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as --* by GCC Ecologist and GCER	--
Objective 8 justification:	BAP Priority Species such as <i>Arvicola terrestris</i> (Water Vole) can be found bordering the site, and Priority Habitats such as Wet Woodland can be found within 10m of the site, with potential for a minor negative effect. The GCC notes that the overall impact on biodiversity could be potentially negative or uncertain including potential impact on an internationally designated site (Rodborough Common SAC/SSSI [725m], Selsey Common [975m]) and the Severn Estuary SAC/SPA/Ramsar/SSSI [15,100m] is an aquifer fed/surface water/flood water dependent site greater than 1km away that may be affected. This has the potential for significant negative effect on this objective.	

SA Objective 9: Landscape	SA Judgement:	-?

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The site is located within 1km of an AONB (less than 250m from the Cotswolds AONB), with potential for negative effects, but the site is within an existing industrial estate, therefore such effects are uncertain.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The prominence of this site in the landscape is uncertain, however, the GCC assessment notes that the site is overlooked by housing and playing fields, thus the potential effect if developing a waste facility at this site is -?.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	--
Objective 11 justification:	There could be a minor negative effect on recreational activity assets (by making the facilities less attractive for users) as the site is within 250m of playing fields, some school grounds, small wooded areas and a park.. The GCC assessment also notes that the PROW on site will require a major deviation, and this could have a significant negative impact on this asset.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0

Site name: Cainscross

LUC ID: 556

Area (ha): 11.42

District: Stroud

Objective 12 justification: This site is greater than 500m from a SSSI with features of geological interest and any RIGGS, the site is therefore not expected to have an effect on this objective. The GCC assessment, does however note that SSSIs with Geological Features are recorded at: Rodborough Common [730m] and Selsey Common [975m] and there are Geological Local Sites recorded within 250m of the site boundary: Rodborough Railway Cutting [GGT Site No. 123], an interesting exposure of Early Jurassic 'Dyrham Mudstone Formation', located in notoriously landslipped and foundered strata in and around Stroud. Dudbridge Railway Cutting [GGT Site 124] A rare exposure of Early Jurassic 'Dyrham Mudstone Formation', which are unaffected by typical Stroud landslipping and foundering. The site is capped by the 'Marlstone Rock Formation' contributing to a partial plateau east of the old railway.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The GCC assessment has scored the site significantly negatively as the it is within the Stroud Industrial Heritage Conservation Area, and contains a number of listed industrial buildings. The site has already been subject to recent industrial development which may have affected the setting of the Listed Buildings and the extent to which the Conservation Area designation would impede further industrial development (subject to certain constraints) is not clear.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Partially within Flood Zone 1 0

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment: Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources - -

Objective 14 justification: The GCC site assessment has noted that the site is mainly within Flood Zone 3b and it has been scored significantly negatively in the GCC assessment in relation to historical flood risk, flood risk from other sources and residual risk, and could have significant negative effects on flood-risk areas.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** ++

Previously developed land: On Previously Developed Land +

Site name: Cainscross

LUC ID: 556

Area (ha): 11.42

District: Stroud

Agricultural land classification: Not within Grades 1, 2 or 3 BMV 0

Site size: Large (i.e. over 5ha)

Objective 16 justification: This large site (11ha) is located on previously developed land and could have a significant positive effect on protecting or enhancing soil/land quality. It is also on urban land and this should not have an impact on this objective.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: The site has been assessed as 'medium' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

GCC sustainable transport: Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

Objective 19 justification: This site has been assessed as medium for both sustainable transport potential and for its proximity to the strategic highways network, therefore the overall effect on this objective is expected to be positive.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information

Objective 22 justification: The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Cainscross

LUC ID: 556

Area (ha): 11.42

District: Stroud

Site name: Rodborough

LUC ID: 557

Area (ha): 9.74

District: Stroud



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site consists of two separate sites, the eastern side of which is an industrial estate and the western side includes a trading estate. There are a number of sensitive receptors within 250m of the site, including a significant amount of housing development adjacent to the site and potentially some surrounding office development. Thus development of a waste facility on the site could have the potential for significant negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Rodborough

LUC ID: 557

Area (ha): 9.74

District: Stroud

Objective 3 justification: The site has sensitive receptors such as residential development and offices within 250m of its boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**?

Waste Local plan: More than 250m from Waste Local Plan site **0**

Proximity to existing waste facilities: More than 250m from existing waste management facility **0**

Objective 4 justification: The site is located on land that has been previously developed and is situated within an industrial, and trading estate. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+**

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **0**

Aerodrome safeguarding area: Not within aerodrome safeguarding area **0**

Objective 7 justification: The GCC site assessment indicates that the site lies outside all aerodrome safeguarding zones and thus there should be no effect on this objective.

SA Objective 8: Biodiversity **SA Judgement:** **- -**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: More than 500m from SSSI **0**

LNR: More than 500m from LNR **0**

Key Wildlife Sites: Within 500m of Key Wildlife Sites **-**

Site name: Rodborough

LUC ID: 557

Area (ha): 9.74

District: Stroud

BAP species:	Within the boundary of BAP Species	- -
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as --* by GCC Ecologist and GCER	- -
Objective 8 justification:	The GCC assessment scores a significant negative in relation to the fact that the overall impact on biodiversity could be potentially negative or uncertain including potential impact on an internationally designated sites, namely Rodborough Common SAC/SSSI [635m] and Selsey Common SSSI [585m]. The Severn Estuary SAC/SPA/Ramsar/SSSI [14,600m] may also be affected since it is an aquifer fed/surface water/flood water dependent site. The potential for significant effects would need to be assessed through the Habitats Regulations Assessment. The site is within 500m of a Key Wildlife Sites (Nailsworth Brook), with the potential for a minor negative effect. This has the potential for significant negative effect on this objective.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	According to the GCC site assessment the landscape has been characterised as being within the Stroud Urban and Secluded Valleys landscape character features. The site is located within 1km of an AONB (less than 25m), with potential for negative effects, but the site is within an existing industrial estate, therefore such effects are uncertain.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -?
Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC assessment notes that, with the site being situated on the side of a hill, there are likely to be constraints on the level of screening possible. Although the prominence of this site in the landscape is uncertain at this stage, there could be a minor negative effect.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: - -
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -
Objective 11 justification:	Allotment gardens and a park can be found within 250m of the site boundary, with potential for a minor negative effect on recreational activity assets (by making the facilities less attractive for users). In addition the site includes PROW and the GCC assessment notes that there would be an adverse impact on the Network, with major deviation required.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0

Site name: Rodborough

LUC ID: 557

Area (ha): 9.74

District: Stroud

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The site does not have a SSSI with geological features or RIGGS recorded within 500m. The GCC site assessment, however, notes that there are SSSIs with Geological Features recorded at: Rodborough Common [640m], Selsey Common [585m] and that there is a Geological Local Site recorded within 250m of the site boundary: Dudbridge Railway Cutting [GGT Site 124] - A rare exposure of Early Jurassic 'Dyrham Mudstone Formation', which are unaffected by typical Stroud landslipping and foundering. The site is capped by the 'Marlstone Rock Formation' contributing to a partial plateau east of the old railway. However this is not expected to have an affect on this objective.

SA Objective 13: Heritage **SA Judgement:** - -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Listed Building present on site - -

Conservation Areas: Located within a Conservation Area - -

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Are assessed by GCC Archaeology Team as double negative (--) - -

Objective 13 justification: The GCC assessment scores this site significantly negatively, as the site is within the Stroud Industrial Heritage Conservation Area, and contains a single listed industrial building. (SMR 3448) The site has already been subject to recent industrial development which may have affected the setting of the Listed Buildings and the extent to which the Conservation Area designation would impede further industrial development (subject to certain constraints) is not clear.

SA Objective 14: Flooding **SA Judgement:** - -

Flood Zone 1: Partially within Flood Zone 1 0

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 - -

GCC flood assessment:

Objective 14 justification: The site has been assessed as being mainly within Flood zone 3b, it has been scored a double negative in the GCC assessment in relation to historical flood risk, flood risk from other sources and residual risk, and could have significant negative effects on flood-risk areas.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +/-

Previously developed land: On Previously Developed Land + +

Site name: Rodborough

LUC ID: 557

Area (ha): 9.74

District: Stroud

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This is a large site (10ha) located on previously developed land, which could have a significant positive effect on enhancing soil/land quality, however (although predominantly on urban land) the site is also partially on grade 3 BMV agricultural land and this could have a minor negative effect.

SA Objective 17: Air quality **SA Judgement:** +

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: The site has been assessed as 'medium' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network. In addition it is not within 1km of an AQMA, therefore this site is expected to have a positive impact on protecting air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -/+

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers this site to have no potential for rail and/or water transport but has rated the site as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information

Objective 22 justification: The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Rodborough

LUC ID: 557

Area (ha): 9.74

District: Stroud

Site name: Innsworth Area

LUC ID: 558

Area (ha): 19.73

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is situated partly within a technology park which includes modern industrial units. Farmland and housing development closely surround the site. There are a number of sensitive receptors within 250m of the site thus development of a waste facility directly adjacent to the site, so development could have potential negative effects on health, although this is uncertain depending on the type of facility that would be developed and on the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Innsworth Area

LUC ID: 558

Area (ha): 19.73

District: Tewkesbury

Objective 3 justification:	This site has sensitive receptors such as residential development and offices within 250m of its boundary, which could be negatively affected by noise and vibration from waste traffic movements. In addition, the site is adjacent to an existing waste management facility and so there could be a cumulative negative effect.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	N/A
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	The site is located on land that has been previously developed and contains a number of small, modern industrial and business units, and includes a waste management facility. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	The GCC site assessment indicates that the site lies within the Gloucestershire Airport Zone and therefore could have negative effects on this objective. However this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	Within 500m of SSSI	-

Site name: Innsworth Area

LUC ID: 558

Area (ha): 19.73

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as - by GCC Ecologist and GCER	-
Objective 8 justification:	The GCC assessment notes that the overall impact on biodiversity could be potentially negative or uncertain including potential impact on the nationally designated site of Innsworth Meadow SSSI, which can be found within 280m of the site, and BAP priority species such as <i>Arvicola terrestris</i> (Water Vole) can be found within 5m of the site. The SNA Severn Vale, Lowland Wet Grassland BAP priority habitat of Maisemore can also be found bordering the site. This has the potential for minor negative effects on this objective.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	The site is more than 1km from an AONB and is partly within an industrial area, therefore should have no effect on this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	0

Prominence:	Uncertain due to lack of spatial information	
Objective 10 justification:	There may be positive effects through innovative design to be achieved, but effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application. The GCC assessment notes that the site is currently well screened, with a mixture of nature trees and hedging around all three areas of the site. There is also a bund around the recycling site. Therefore, while the prominence of the site is currently uncertain, the overall assessment for the objective is 0.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	- -

Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	- -
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as being a PROW but not requiring diversion or enhancement.	0
Objective 11 justification:	There could be a significant negative effect on recreation activity assets in the county (by making the facilities less attractive for users), as the site includes small wooded areas and an open water feature and playing field are within 250m. The site also includes a PROW, however, the GCC assessment considers that, as it does not require diversion or enhancement, this aspect should not have an effect.	

Site name: Innsworth Area

LUC ID: 558

Area (ha): 19.73

District: Tewkesbury

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	Within 500m of SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	The site does not have a SSSI with geological features recorded within 500m, and the GCC site assessment concludes that there are no geological features on site or within 250m of its boundary, therefore there should be no effect on this objective.		
SA Objective 13: Heritage		SA Judgement:	0
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores neutral (0) in GCC Archaeology Team site assessment		0
Objective 13 justification:	The GCC assessment has scored the site as neutral (0) since the site has no known historical or archaeologically significant remains, but provides a setting for significant remains, and has the potential to contain significant remains, which are known in the vicinity. There are no sensitive features of heritage significance within 250m of the site. In view of this there should be no effect on this objective.		
SA Objective 14: Flooding		SA Judgement:	--
Flood Zone 1:	Partially within Flood Zone 1		N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		--
GCC flood assessment:	Scored as a double negative (--) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources		--
Objective 14 justification:	The site has been assessed as being mainly within Flood zone 3b, it has been scored a double negative in the GCC assessment in relation to historical flood risk, flood risk from other sources and residual risk, and could have significant negative effects on flood-risk areas.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	Partially within Grades 1, 2 or 3 BMV		-

Site name: Innsworth Area

LUC ID: 558

Area (ha): 19.73

District: Tewkesbury

Site size: Large (over 5ha)

Objective 16 justification: This large site (30ha) is located on previously developed land and could have a positive effect on protecting and enhancing soil/land quality, but it is also predominantly on grade 3 BMV agricultural land and hence the potential effect on this objective is mixed.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as 'poor' or 'low' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network since access via other local roads would be required. It could therefore have a negative impact on air quality.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers this site to have no potential for rail and/or water transport and has assessed it as low in terms of its proximity to the strategic highways network, so the effect on this objective is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information

Objective 22 justification: The site is partially within an industrial area. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Innsworth Area

LUC ID: 558

Area (ha): 19.73

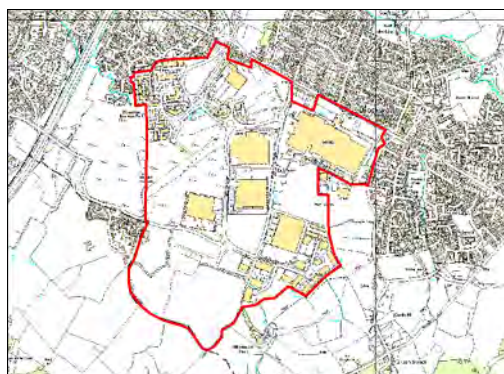
District: Tewkesbury

Site name: Gloucester Business Park

LUC ID: 559

Area (ha): 136.03

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is partly situated in an industrial estate and partly within a business park. Farmland and scrub surrounds the site. There are a number of sensitive receptors within 250m of the site, including some housing development and office development. Houses back directly onto the boundary of the site to the north, thus development of a waste facility on the site could have the potential for negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Gloucester Business Park

LUC ID: 559

Area (ha): 136.03

District: Tewkesbury

Objective 3 justification:	The site has sensitive receptors such as residential and office development within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	Adjacent to site from Waste Local Plan	+?
Proximity to existing waste facilities:	More than 250m from existing waste management facility	N/A
Objective 4 justification:	The site is located on land that has been previously developed, with the area to the east consisting of modern industrial units and office blocks, and other buildings to the north. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	The GCC site assessment indicates that the site lies within the Gloucestershire Airport Zone and therefore could have negative effects on this objective. However this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: - -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	-

Site name: Gloucester Business Park

LUC ID: 559

Area (ha): 136.03

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within the boundary of Key Wildlife Sites	--
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as -- by GCC Ecologist and GCER	--?
Objective 8 justification:	The GCC assessment scores a significant negative in relation to the fact that the overall impact on biodiversity could be potentially negative or uncertain including potential impact on an internationally designated site, namely Cotswold Beechwoods SAC/Cotswold Commons & Beechwoods SSSI (825m), and Hucclecote Meadows SSSI (375m). BAP priority species such as <i>Buglossoporus pulvinus</i> (a basidiomycete fungus) can be found within 250m of the site. Brockworth Park, a key wildlife site is also found within the boundary of the site. This has the potential for significant negative effect on this objective.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	According to the GCC site assessment the landscape has been characterised as being within the Part Vale of Berkley, Settled Unwooded Vale and Part Gloucester Urban landscape character features. The site is located within 1km of an AONB, with potential for negative effects but the site is within an existing industrial estate, therefore such effects are uncertain.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	
Objective 10 justification:	There may be positive effects through innovative design to be achieved, but effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application. The GCC assessment notes there is some farmland surrounding the site and some tree screening, but that the site is overlooked by the surrounding hills, therefore, while the prominence of the site is currently uncertain, the overall assessment for the objective is ?.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: --
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	--
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-

Site name: Gloucester Business Park

LUC ID: 559

Area (ha): 136.03

District: Tewkesbury

Objective 11 justification: There could be a significant negative effect on recreation activity assets in the county (by making the facilities less attractive for users), as the site includes an area of scrub and a playing field. The site also includes a PRoW, and the GCC assessment notes that this will have a minor negative impact as some minor re-routing will be required.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: GCC site assessment and GIS review indicates that there are no recorded geological features on the site or within 250m of the boundary, so there should be no effects on this objective.

SA Objective 13: Heritage **SA Judgement:** -

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: Within 100m of a Listed Building -

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The GCC assessment has scored the site as neutral (0) since the site has no known historical or archaeologically significant remains, but provides a setting for significant remains, and has the potential to contain significant remains, which are known in the vicinity. 73 Ermin Street, a Grade II listed building is however found within 100m of the site boundary, and this could have a minor negative effect.

SA Objective 14: Flooding **SA Judgement:** ++

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) ++

Flood Zone 2: N/A N/A

Flood Zone 3: N/A N/A

GCC flood assessment: Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment ++

Objective 14 justification: The site lies entirely within Flood Zone 1, could have a significant positive effect on preventing flooding and reducing risk to public water supply.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** +

Site name: Gloucester Business Park

LUC ID: 559

Area (ha): 136.03

District: Tewkesbury

Previously developed land:	On Previously Developed Land	+
Agricultural land classification:	partially within grade 1, 2 or within grade 3 BMV	-
Site size:	Large (i.e. over 5ha)	
Objective 16 justification:	This large site (136 ha) is located on previously developed land and could have a positive effect on protecting and enhancing soil/land quality. Although part of site is within grade 3 BMV agricultural land, this is only a very small proportion of the site, therefore the effect should be a minor positive.	
SA Objective 17: Air quality		SA Judgement: ++
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	This site has been scored as 'good' in the GCC assessment, in relation to proximity to the Strategic Highway Network, as it has direct access onto (or close proximity to) trunk road network or major A roads (roads for long distance journeys). In addition, it is not within 1km of an AQMA, therefore this site should have a significant positive impact on protecting air quality.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: -/++
GCC sustainable transport:	Assessed by GCC Highways as having no potential for rail and/or water transport	
Objective 19 justification:	The GCC assessment considers this site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) but has assessed it as good in terms of its proximity to the strategic highways network, so the overall effect is expected to be mixed.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 22: Adapt to climate change		SA Judgement: ++?
Industrial estates:	Within or adjacent to existing industrial estate	++?
Known/proposed CHP user:	Uncertain due to lack of spatial information	
Objective 22 justification:	The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.	

Site name: Gloucester Business Park

LUC ID: 559

Area (ha): 136.03

District: Tewkesbury

Site name: Ashville Business Park, Staverton

LUC ID: 560

Area (ha): 28.22

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is situated in an industrial area and business park. It is surrounded by open space and countryside and the airport is situated to the south of the site. There are a number of sensitive receptors within 250m of the site, including a small number of scattered dwellings, and offices within the business park on site. Thus development of a waste facility on the site could have the potential for negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Site name: Ashville Business Park, Staverton

LUC ID: 560

Area (ha): 28.22

District: Tewkesbury

Objective 3 justification: The site has sensitive receptors such as a few dwellings and offices within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.

SA Objective 4: Sustainable economic development **SA Judgement:** **+?**

Industrial estates: Within or adjacent to existing industrial estate **+**?

Waste Local plan: Adjacent to site from Waste Local Plan **+**?

Proximity to existing waste facilities: More than 250m from existing waste management facility **0**

Objective 4 justification: The site is located on land that has been developed and is located adjacent to a site allocated in the Waste Local Plan. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **+**

GCC employee transport: Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. **+**

Objective 6 justification: This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area **-?**

Objective 7 justification: The GCC site assessment indicates that the site lies within the Gloucestershire Airport Zone and therefore could have negative effects on this objective. However this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on site, which will not be known until a later stage in the DPD preparation, or even at planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC **0**

SPA: More than 500m from SPA **0**

Ramsar: More than 500m from Ramsar site **0**

National Nature Reserve: More than 500m from NNR **0**

SSSI: More than 500m from SSSI **0**

LNR: More than 500m from LNR **0**

Site name: Ashville Business Park, Staverton

LUC ID: 560

Area (ha): 28.22

District: Tewkesbury

Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	BAP priority species such as <i>Arvicola terrestris</i> (Water Vole) can be found within 250m of the site, this has the potential for a minor negative effect. The GCC assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive (Scoring it 0*) and that Innsworth Meadow SSSI, a designated aquifer fed/surface water/flood water dependent site (2.6km away) may be affected (where chosen waste technology and development design poses a risk to the water environment). The potential for significant effects would need to be assessed through the Habitats Regulations Assessment. This has the potential for significant negative effect on this objective.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The site is within an industrial area and not within 1km of an AONB and thus should not have an effect on this objective.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	-?

Prominence:	Uncertain due to lack of spatial information	
Objective 10 justification:	Although the prominence of this site is uncertain, the GCC assessment notes that the site is generally open with the presence of a few trees, and that it might prove challenging to screen the site.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	--

Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	--
PROW:	Includes a PROW	--
GCC PROW assessment:	Identified as having an impact on the PROW network with some minor re-routing required.	-
Objective 11 justification:	There could be a significant negative effect on recreational activity assets (by making the facilities less attractive for users) as the site includes a couple of small areas of non-coniferous trees and there is a golf course and sports club with grounds adjacent to the site. The GCC assessment also notes that the PROW on site will require some minor re-routing, and this could also have a minor negative impact on this asset.	

SA Objective 12: Geodiversity	SA Judgement:	0

SSSI:	More than 500m from SSSI	0

Site name: Ashville Business Park, Staverton

LUC ID: 560

Area (ha): 28.22

District: Tewkesbury

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: GCC site assessment and GIS review indicates that there are no recorded geological features on the site or within 250m of the boundary, so there should be no effects on this objective.

SA Objective 13: Heritage **SA Judgement:** 0

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores neutral (0) in GCC Archaeology Team site assessment 0

Objective 13 justification: The GCC site assessment has scored the site neutral on the basis that it contains no known archaeological remains but it provides a setting for significant remains and has the potential to contain significant remains, which are known in the vicinity (the site is within Staverton World War II airfield and contains fur pill boxes (SMR 7112) the significance of which can not be determined without further analysis). There are no sensitive features of heritage significance within 250m of the site. In view of this there should be no effect on this objective.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Predominantly within Flood Zone 1 +

Flood Zone 2: Partially or entirely within Flood Zone 2 -

Flood Zone 3: Partially or entirely within Flood Zone 3 --

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b 0

Objective 14 justification: The site is predominantly within Flood Zone 1 and is scored as + by the GCC assessment as a result.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +/-

Previously developed land: On Previously Developed Land ++

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Site name: Ashville Business Park, Staverton

LUC ID: 560

Area (ha): 28.22

District: Tewkesbury

Objective 16 justification: This is a large site (28ha) on previously developed land, which could have a significant positive effect on enhancing soil/land quality, however the site is also predominantly on grade 3 BMV agricultural land and this could have a minor negative effect.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment: -

Objective 17 justification: This site has been assessed as 'poor' or 'low' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network since access via other local roads would be required and could have a negative impact on protecting air quality, despite not being within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information

Objective 22 justification: The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Ashville Business Park, Staverton

LUC ID: 560

Area (ha): 28.22

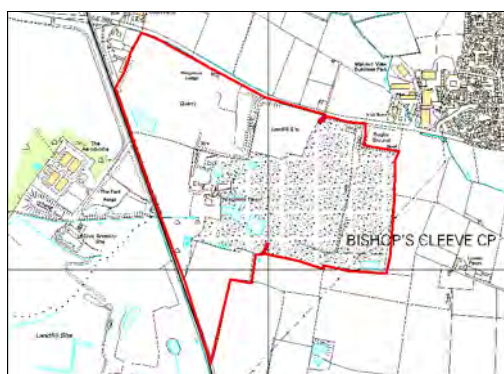
District: Tewkesbury

Site name: Wingmoor Farm East

LUC ID: 561

Area (ha): 72.68

District: Tewkesbury



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SA Objective 1: Health and well-being	SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: The site is surrounded by farm land and open fields but there are other waste facilities and industrial buildings in close proximity. There are a number of sensitive receptors within 250m of the site, although not directly adjacent, including some housing development and a business park to the north east of the site and a few stand-alone farm houses and properties surrounding the site, thus development of a waste facility on the site could have the potential for negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation	SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities	SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Wingmoor Farm East

LUC ID: 561

Area (ha): 72.68

District: Tewkesbury

Objective 3 justification: The site has sensitive receptors within 250m, thus there could be a negative effect on the local community. In addition, it is adjacent to an existing waste facility so could have a cumulative effect.

SA Objective 4: Sustainable economic development **SA Judgement:** **+**?

Industrial estates: Within or adjacent to existing industrial estate 0

Waste Local plan: Was a site in the Waste Local Plan +?

Proximity to existing waste facilities: Adjacent to existing waste management facilities +?

Objective 4 justification: The site is located on land that has been previously developed and there is currently an Air Pollution Control treatment facility, hazardous waste landfill and non-hazardous landfill on site. Permission has also been granted for a Material Recovery Facility (MRF) and this has been implemented, with the shell having been partially constructed at this stage. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the exact nature of neighbouring industrial / commercial outlets.

SA Objective 5: Manage waste in an economically sustainable way **SA Judgement:** **0**

Objective 5 justification: At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.

SA Objective 6: Employment opportunities **SA Judgement:** **-**

GCC employee transport: Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work. -

Objective 6 justification: This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.

SA Objective 7: Safety of commercial or military aerodromes **SA Judgement:** **-?**

Aerodrome safeguarding area: Within aerodrome safeguarding area -?

Objective 7 justification: The GCC site assessment indicates that the site lies within the Gloucestershire Airport Zone and therefore could have negative effects on this objective. However this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at planning application stage.

SA Objective 8: Biodiversity **SA Judgement:** **-**

SAC: More than 500m from SAC 0

SPA: More than 500m from SPA 0

Ramsar: More than 500m from Ramsar site 0

National Nature Reserve: More than 500m from NNR 0

SSSI: More than 500m from SSSI 0

Site name: Wingmoor Farm East

LUC ID: 561

Area (ha): 72.68

District: Tewkesbury

LNR:	More than 500m from LNR	0
Key Wildlife Sites:	Within 500m of Key Wildlife Sites	-
BAP species:	Within 500m of BAP Species	-
BAP habitat:	Within 500m of BAP Habitat	-
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	A Key Wildlife Site (Wingmoor Farm Meadow GWT Reserve) and BAP priority habitat (Lowland Meadows) border the site, others can also be found within 500m, and BAP species such as <i>Lepus capensis</i> (Brown Hare) can be found within 5m of the site. This has the potential for a minor negative effect on biodiversity. The GCC assessment however notes a neutral effect, where the overall impact on biodiversity could be potentially negative, uncertain or positive. This has the potential for a minor negative effect on this objective.	
SA Objective 9: Landscape		SA Judgement: -
Industrial Estates:	Within or adjacent to existing industrial estate	-
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	According to the GCC site assessment the landscape has been characterised as being within the vale of Gloucester and Settled Unwooded Vale landscape character features. The site is located more than 1km from an AONB and thus considered to have no effect on this asset, however the site is not within an existing industrial estate and could have a minor negative impact on landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: ?
Prominence:	Uncertain due to lack of spatial information	
Objective 10 justification:	The GCC assessment notes that there is limited screening around the site particularly along the southern boundary. The prominence of this site in the landscape is uncertain, and the potential overall effect if developing a waste facility at this site is uncertain.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: --/+
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	--
PROW:	More than 250m from a PROW	0
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	The site contains an orchard and open water features and there is a park, a civic amenity site and areas of non-coniferous trees to the west of the site, with potential for significant negative effects on recreation activities. The GCC assessment, however, scores the site as + in relation PROW, noting that there is no PROW network present.	
SA Objective 12: Geodiversity		SA Judgement: --

Site name: Wingmoor Farm East

LUC ID: 561

Area (ha): 72.68

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
RIGGS:	More than 500m from a RIGGS	0
Objective 12 justification:	Although there are no SSSIs or RIGGS within 500m of the site. The GCC assessment notes that there was a Geological Local Site recorded on the site: GLS – Wingmoor Farm Pit [GGT Site No. 231], a large working gravel pit extracting sand and gravel from the Quaternary 'Avon Valley Formation' (2nd Avon Terrace). Since the original technical work, Wingmoor Farm Quarry has also been designated as a RIG with the reason that the "site is of national importance in that it exposes the Oxynotum Zone (within the Charmouth Mudstone Formation), which is rarely seen in the UK.	

SA Objective 13: Heritage	SA Judgement: +

Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument	0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden	0
Listed Buildings:	More than 100m from a Listed Building	0
Conservation Areas:	Uncertain due to lack of spatial information	
World Heritage Sites:	More than 250m from a Registered Battlefield	0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment	+
Objective 13 justification:	The GCC assessment has scored the site significantly positively as much of the archaeological potential of the site (c. 85%) has been destroyed by gravel extraction. In addition there are no features of heritage significance within 250m.	

SA Objective 14: Flooding	SA Judgement: ++

Flood Zone 1:	Entirely within Flood Zone 1	0
Flood Zone 2:	Not within Flood Zone 2	N/A
Flood Zone 3:	Not within Flood Zone 3	N/A
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b	++
Objective 14 justification:	As identified in the GCC assessment, the site is entirely within Flood Zone 1 and could have a significant positive effect on preventing flooding and reducing risk to public water supply.	

SA Objective 15: Prevent pollution	SA Judgement: N/A

Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.	

SA Objective 16: Soil/land quality	SA Judgement: ++/--

Previously developed land:	On Previously Developed Land	++

Site name: Wingmoor Farm East

LUC ID: 561

Area (ha): 72.68

District: Tewkesbury

Agricultural land classification:	entirely within grade 1, 2 or within grade 3 BMV	- -
Site size:	Large (i.e. over 5ha)	
Objective 16 justification:	This large site (73ha) is located on previously developed land and could have a significant positive effect on protecting and enhancing soil/land quality as it is entirely on previously developed land. However, it is also on grade 2 agricultural land which could have a significant negative effect on protecting or enhancing soil /land quality.	
SA Objective 17: Air quality		SA Judgement: +
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)	+
GCC strategic highways assessment:		
Objective 17 justification:	The site has been assessed as 'medium' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network. In addition, it is not within 1km of an AQMA, therefore this site should have a positive impact on protecting air quality.	
SA Objective 18: Water quality		SA Judgement: 0
Objective 18 justification:	Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.	
SA Objective 19: Impacts of lorry traffic		SA Judgement: + +
GCC sustainable transport:	Assessed as having 'good' or 'high' potential by GCC Highways for sustainable transport for operational access	+ +
Objective 19 justification:	The GCC assessment has considers this site as having 'high' potential for sustainable transport operations and has assessed it as medium in terms of its proximity to the strategic highways network, so the overall effect is expected to be positive.	
SA Objective 20: Promote the waste hierarchy		SA Judgement: +
Objective 20 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 21: Use of primary materials		SA Judgement: +
Objective 21 justification:	Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.	
SA Objective 22: Adapt to climate change		SA Judgement: + +?
Industrial estates:	Within or adjacent to existing industrial estate	+ +?
Known/proposed CHP user:	Uncertain due to lack of spatial information	
Objective 22 justification:	The site is within 250m of an industrial estate, so there is potential for a signifiant positive effect on this objective if energy from the waste management process were to be used in nearby development. This score is uncertain as it would depend on the type of facility proposed at the site and on the feasibility of incorporating energy use within nearby development.	

Site name: Wingmoor Farm East

LUC ID: 561

Area (ha): 72.68

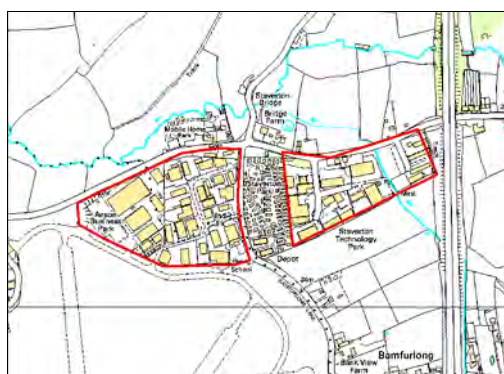
District: Tewkesbury

Site name: Anson & Staverton Parks

LUC ID: 562

Area (ha): 16.58

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is situated in an industrial area consisting of business and technology parks. Farmland and allotments also surround the site. The site shares a boundary with Gloucestershire Airport. There are a number of sensitive receptors within 250m of the site, including Staverton Park (situated between the two main areas of the site) which contains a large number of residential mobile homes. There is also a mobile home park to the north of the site, and a few other properties located around the site, thus development of a waste facility on the site could have the potential for negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0

Site name: Anson & Staverton Parks

LUC ID: 562

Area (ha): 16.58

District: Tewkesbury

Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site has sensitive receptors such as residential development and offices within 250m of the boundary, which could be negatively affected by noise and vibration from waste traffic movements. It is more than 250m from an existing waste facility so should not have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	More than 250m from existing waste management facility	N/A
Objective 4 justification:	The site is located on land that has been developed with and is situated within industrial, business and technology parks. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site and the exact nature of neighbouring industrial / commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: +
GCC employee transport:	Assessed as 'medium' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	+
Objective 6 justification:	This site has been assessed as having medium potential for employees to use sustainable transport to travel to work at the site, therefore a positive effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: -?
Aerodrome safeguarding area:	Within aerodrome safeguarding area	-?
Objective 7 justification:	The GCC site assessment indicates that the site lies within the Gloucestershire Airport Zone and therefore could have negative effects on this objective. However this effect is uncertain as it is dependent on the type of facility to be proposed and eventually developed on a site, which will not be known until a later stage in the DPD preparation or even at the planning application stage.	
SA Objective 8: Biodiversity		SA Judgement: -
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0

Site name: Anson & Staverton Parks

LUC ID: 562

Area (ha): 16.58

District: Tewkesbury

SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as 0* by GCC Ecologist and GCER	0
Objective 8 justification:	The site is more than 500m from international, national and local nature conservation designations. However, the BAP species including <i>Alcedo atthis</i> (Kingfisher) and <i>Arvicola terrestris</i> (Water vole) can be found within 500m (110m) of the site thus there is potential for a minor negative effect on biodiversity, scoring a minor negative score. The more detailed GCC Ecology assessment notes that the overall impact on biodiversity could be potentially negative, uncertain or positive receiving a score of 0. The GCC assessment has also indicated that Innsworth Meadow SSSI (3535m), may be affected since it is an aquifer fed/surface water/flood water dependent site. The potential for significant effects would need to be assessed through the Habitats Regulations Assessment. This has the potential for a minor negative effect on this objective.	

SA Objective 9: Landscape	SA Judgement:	0

Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	More than 1km from an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		?
Objective 9 justification:	According to the GCC site assessment the landscape has been characterised as being within the Vale of Gloucester and Settled Unwooded Vale landscape character features. The site is not located within 1km of an AONB and is located within an existing industrial estate. It is therefore not expected to have an effect on landscape.	

SA Objective 10: Screening and/or innovative design	SA Judgement:	+?

Prominence:	Uncertain due to lack of spatial information	?
Objective 10 justification:	The GCC assessment notes that there are a number of trees and hedges around the site which could potentially be enhanced for screening purposes also resulting in a minor positive score, however this is uncertain.	

SA Objective 11: Material, cultural and recreational assets	SA Judgement:	+/-

Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	--
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+

Site name: Anson & Staverton Parks

LUC ID: 562

Area (ha): 16.58

District: Tewkesbury

Objective 11 justification: As there is a small area of wooded open space and a PRoV within the site, boundary, there could be potential for significant negative effects on recreational activity assets in the County (by making facilities less attractive for users. However, the GCC assessment considers that there is potential for enhancement of the existing local network and this could have a minor positive effect on such assets. Thus the overall assessment is mixed.

SA Objective 12: Geodiversity **SA Judgement:** 0

SSSI: More than 500m from SSSI 0

RIGGS: More than 500m from a RIGGS 0

Objective 12 justification: The GCC site assessment and GIS review indicate that there are no recorded geological features on the site or within 250m of the boundary, so there should be no effects on this objective.

SA Objective 13: Heritage **SA Judgement:** +

Scheduled Ancient Monuments: More than 100m from a Scheduled Ancient Monument 0

Historic Parks and Gardens: More than 250m from a Historic Park or Garden 0

Listed Buildings: More than 100m from a Listed Building 0

Conservation Areas: Uncertain due to lack of spatial information ?

World Heritage Sites: More than 250m from a Registered Battlefield 0

GCC Archaeology assessment: Scores positive (+) in GCC Archaeology Team site assessment +

Objective 13 justification: The GCC site assessment has scored the site positively on the basis that it although it is within Staeverton World War II airfield (SMR 21457), it contains no known significant surviving structures. In view of this, the site should have a minor positive effect on this objective.

SA Objective 14: Flooding **SA Judgement:** +

Flood Zone 1: Entirely within Flood Zone 1 (not in FZ 2 or 3) ++

Flood Zone 2: Partially or entirely within Flood Zone 2 N/A

Flood Zone 3: Not within Flood Zone 3 N/A

GCC flood assessment: Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b +

Objective 14 justification: The site is mainly in Flood Zone 1 but affected by Flood Zones 2, 3a and 3b. It has been scored as a minor positive in the GCC assessment and could have a significant positive effect on preventing flooding and reducing risk to public water supply.

SA Objective 15: Prevent pollution **SA Judgement:** N/A

Objective 15 justification: In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.

SA Objective 16: Soil/land quality **SA Judgement:** + +/-

Site name: Anson & Staverton Parks

LUC ID: 562

Area (ha): 16.58

District: Tewkesbury

Previously developed land: On Previously Developed Land + +

Agricultural land classification: Partially within Grades 1, 2 or 3 BMV -

Site size: Large (i.e. over 5ha)

Objective 16 justification: This large site (17ha) is located on previously developed land and could have a significant positive effect on protecting or enhancing soil/land quality, however it is also partially within grade 3 BMV agricultural land and could thus have a negative effect on such assets.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as 'poor' or 'low' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network since access via other local roads would be required and could have a negative impact on protecting air quality, despite not being within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information

Objective 22 justification: The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Anson & Staverton Parks

LUC ID: 562

Area (ha): 16.58

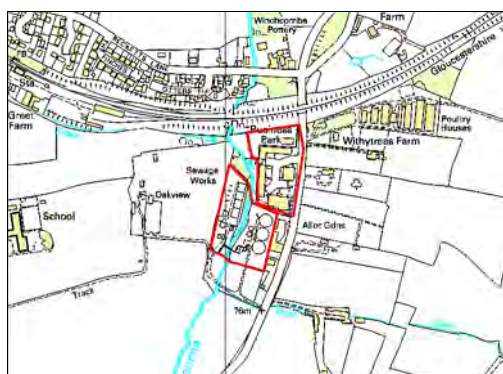
District: Tewkesbury

Site name: Isbourne Business Park & STW

LUC ID: 563

Area (ha): 3.05

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-?
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: This site is situated in an industrial area with a number of small industrial/business units surrounding the site. Farmland and allotments also surround the site. There are a number of sensitive receptors within 250m of the site, including some housing development to the north of the site (although not directly adjacent) and potentially some office development surrounding the site, thus development of a waste facility on the site could have the potential for negative effects on health, although this is uncertain because of uncertainty as to the type of facility that would be developed on the site at this stage, and the mitigation measures that might be implemented.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Within 250m of offices	-
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	Adjacent to existing waste management facilities	-

Site name: Isbourne Business Park & STW

LUC ID: 563

Area (ha): 3.05

District: Tewkesbury

Objective 3 justification:	The site has sensitive receptors such as residential development and offices within 250m of the site boundary, which could be negatively affected by noise and vibration from waste traffic movements. In addition it is adjacent to an existing waste facility so could have a cumulative effect on the local community.	
SA Objective 4: Sustainable economic development		SA Judgement: +?
Industrial estates:	Within or adjacent to existing industrial estate	+?
Waste Local plan:	More than 250m from Waste Local Plan site	0
Proximity to existing waste facilities:	Adjacent to existing waste management facilities	+?
Objective 4 justification:	The site is located on land that has been developed with the area to the north containing a number of small industrial/business units, and the area to the south is a sewage treatment works, with other businesses located in close proximity to the site, including a reclamation facility. This has the potential for positive effects on sustainable local economic activity as it could encourage complementary activities to waste management. This is uncertain however, as it will depend on the type of facility proposed on the site, and the exact nature of neighbouring industrial/commercial outlets.	
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement: 0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.	
SA Objective 6: Employment opportunities		SA Judgement: -
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable transport to travel to work at the site, therefore a negative effect on this objective is expected.	
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement: 0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area	0
Objective 7 justification:	The GCC site assessment indicates that the site lies outside all aerodrome safeguarding zones and thus there should be no effects on this objective.	
SA Objective 8: Biodiversity		SA Judgement: +/-
SAC:	More than 500m from SAC	0
SPA:	More than 500m from SPA	0
Ramsar:	More than 500m from Ramsar site	0
National Nature Reserve:	More than 500m from NNR	0
SSSI:	More than 500m from SSSI	0
LNR:	More than 500m from LNR	0

Site name: Isbourne Business Park & STW

LUC ID: 563

Area (ha): 3.05

District: Tewkesbury

Key Wildlife Sites:	More than 500m from Key Wildlife Sites	0
BAP species:	Within 500m of BAP Species	-
BAP habitat:	More than 500m from BAP Habitat	0
Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+?
Objective 8 justification:	The BAP species <i>Populus nigra</i> ssp. <i>Betulifolia</i> (Black Poplar) can be found within 500m (415m) of the site thus there is potential for a minor negative effect on biodiversity. However the more detailed GCC Ecology assessment notes that the overall impact on biodiversity is positive or uncertain due to the identification of important an important ecological constraint greater than 500m and up to and including 1km distance (with sites such as Lowland mixed deciduous woodland priority habitat at a distance of 865m). The potential for significant effects would need to be assessed through the Habitats Regulations Assessment.	
SA Objective 9: Landscape		SA Judgement: -?
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within 1km of an AONB	-
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	According to the GCC site assessment the landscape has been characterised as being within the Teddington and Greet Vale and Unwooded Vale landscape character features. The site is located within 1km of an AONB, with potential for negative effects, but the site is within an existing industrial estate, therefore such effects are uncertain.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Uncertain due to lack of spatial information	
Objective 10 justification:	The GCC assessment notes that there is limited screening of the site and improving this may prove challenging. Although the prominence of this site in the landscape is uncertain, the potential effect if developing a waste facility at this site is a minor negative.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: +/-
Open space/recreation/leisure:	Within 250m of a leisure, recreational facility or open space	-
PROW:	Includes a PROW	--
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	There could be a minor negative effect on recreation activities assets in the County (by making the facilities less attractive for users) as there are allotment gardens adjacent to the site, school fields, small stands of woodland and small open spaces within 250m. The site also includes a PROW, however the GCC assessment considers that there is potential for enhancement to the existing local network and this could have a minor positive effect on material, cultural and recreational assets. Thus the overall assessment is mixed.	

Site name: Isbourne Business Park & STW

LUC ID: 563

Area (ha): 3.05

District: Tewkesbury

SA Objective 12: Geodiversity		SA Judgement:	0
SSSI:	More than 500m from SSSI		0
RIGGS:	More than 500m from a RIGGS		0
Objective 12 justification:	GCC site assessment and GIS review indicates that there are no recorded geological features on the site or within 250m of the boundary, so there should be no effects on this objective.		
SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	The GCC site assessment has scored the site positively on the basis that it contains no known archaeological remains (although there are some areas which have not yet been developed) and there are no sensitive features of heritage significance within 250m of the site.		
SA Objective 14: Flooding		SA Judgement:	- -
Flood Zone 1:	N/A		N/A
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Partially or entirely within Flood Zone 3		- -
GCC flood assessment:	Scored as a double negative (-) in the flood risk site assessment by GCC due to historical flood risk or flood risk from other sources		- -
Objective 14 justification:	The site has been assessed as being partially within Flood zone 2 and Partially within Flood zone 3 (mainly within Flood zone 3b), it has been scored negatively in the GCC assessment in relation to historical flood risk, flood risk from other sources and residual risk, and could have significant negative effects on flood-risk areas.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	On Previously Developed Land		+
Agricultural land classification:	entirely within grade 1, 2 or within grade 3 BMV		-

Site name: Isbourne Business Park & STW

LUC ID: 563

Area (ha): 3.05

District: Tewkesbury

Site size: Small to medium (i.e. less than 5ha)

Objective 16 justification: This is a small to medium site (less than 5ha) and could have a positive effect on protecting and enhancing soil/land quality as it is entirely on previously developed land. It is also on grade 3 agricultural land and could have mixed effects.

SA Objective 17: Air quality **SA Judgement:** -

AQMA: Beyond 1km of Air Quality Management Area (AQMA) +

GCC strategic highways assessment:

Objective 17 justification: This site has been assessed as 'poor' or 'low' by the GCC Highways Assessment in relation to proximity to the Strategic Highway Network since access via other local roads would be required and could have a negative impact on protecting air quality, despite not being within 1km of an AQMA.

SA Objective 18: Water quality **SA Judgement:** 0

Objective 18 justification: Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

GCC sustainable transport: Assessed by GCC Highways as having no potential for rail and/or water transport -

Objective 19 justification: The GCC assessment considers the site to have no potential for rail and/or water transport (as it is generally considered to be too far from these) and has assessed it as low in terms of its proximity to the strategic highways network, so the overall effect is expected to be negative.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

Objective 20 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

Objective 21 justification: Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

Known/proposed CHP user: Uncertain due to lack of spatial information ?

Objective 22 justification: The site is within an industrial estate. Flexibility of the site to adapt to climate change will depend more on the specific design of the facility and its layout, and incorporation of sustainable construction techniques, drainage systems and other measures to enable change to new technologies as they develop.

Site name: Isbourne Business Park & STW

LUC ID: 563

Area (ha): 3.05

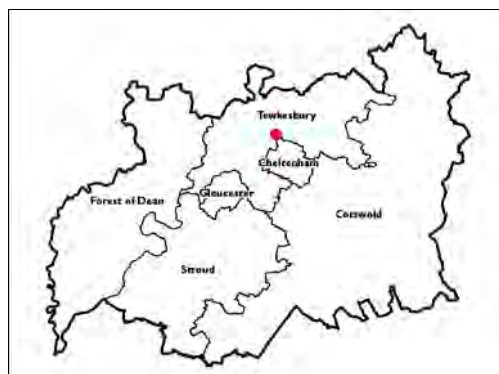
District: Tewkesbury

Site name: CFS1: Site adjacent to Wingmoor Farm West

LUC ID: 998

Area (ha): 8.82

District: Tewkesbury



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Objective 1 justification:	The sites is located within 250m of scattered residential properties, including Homestead and Lowdilow Farms, both of which lie between 100-250m from the site boundary. As a result of this proximity to sensitive receptors, there is potential for negative impacts on health and well-being if this site were to be developed.	

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification:	Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.	

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0
Objective 3 justification:	The site is within 250m of scattered residential properties, so there is potential for some negative impact on the amenity of local communities if this site were to be developed. As there is no existing waste management facility within 250m of the site boundary, no cumulative effect is expected.	

Site name: CFS1: Site adjacent to Wingmoor Farm West

LUC ID: 998

Area (ha): 8.82

District: Tewkesbury

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	Adjacent to site from Waste Local Plan		+?
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The site is already used for some industrial activities and is adjacent to a site identified in the Waste Local Plan. As such, activities complementary to waste management may be encouraged so development of this site may have a positive impact on sustainable local economic development.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.	-	
Objective 6 justification:	The site has been assessed as having low potential for employees to travel to work using sustainable transport, so development would be expected to have a negative impact on this objective.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	-?
Aerodrome safeguarding area:	Within aerodrome safeguarding area		-?
Objective 7 justification:	The site lies within the Gloucestershire Airport Safeguarding Zone, so there is potential for a negative impact on the safety of commercial or military airports if a hazard is created by tall chimneys or birds.		
SA Objective 8: Biodiversity		SA Judgement:	0
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Uncertain due to lack of spatial information		?
BAP habitat:	Uncertain due to lack of spatial information		?
Ancient woodland:	More than 500m from Ancient Woodland		0

Site name: CFS1: Site adjacent to Wingmoor Farm West

LUC ID: 998

Area (ha): 8.82

District: Tewkesbury

GCC ecology assessment:	Scored as 0 by GCC Ecologist and GCER	0
Objective 8 justification:	Development at this site is not expected to impact on local biodiversity as there are no local, national or international designated sites within 250m of the site boundary.	
SA Objective 9: Landscape		SA Judgement: 0
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Beyond 1km of an AONB	0
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:		
Objective 9 justification:	The site is already used for some industrial activity and is located further than 1km from the boundaries of an AONB, so the effects of development here on the landscape are expected to be negligible.	

SA Objective 10: Screening and/or innovative design		SA Judgement: +?
Prominence:	Uncertain due to lack of spatial information	+?
Objective 10 justification:	Positive effects through innovative design could be achieved at any of the potential sites regardless of location, but the effects are uncertain until the exact nature and design of the proposed facility are submitted with a planning application, and this is not recorded in the site appraisal.	

SA Objective 11: Material, cultural and recreational assets		SA Judgement: - -
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	
PROW:	Includes a PROW	- -
GCC PROW assessment:	Identified as having a major adverse impact on the Network with potential closure, or major deviation to the network required	- -
Objective 11 justification:	The site is largely open space and is surrounded by open countryside. There is a PROW crossing the site, and the GCC assessment has found that development here would have a major adverse impact on the Network, with potential closure or major deviation being required. As such, development of this site is expected to have a significant negative impact on recreational assets.	

SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0
RIGGS:	Uncertain due to lack of spatial information	?
Objective 12 justification:	The site is located more than 500m from a SSSI and the GCC site assessment makes no mention of a RIGGS being located nearby, so development here is not expected to have an effect on local geodiversity.	

Site name: CFS1: Site adjacent to Wingmoor Farm West

LUC ID: 998

Area (ha): 8.82

District: Tewkesbury

SA Objective 13: Heritage		SA Judgement:	+
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	More than 250m from a Historic Park or Garden		0
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Scores positive (+) in GCC Archaeology Team site assessment		+
Objective 13 justification:	The site has been assessed as positive by GCC in relation to archaeology, and there are no recorded ancient monuments, listed buildings, historic parks/gardens, conservation areas or world heritage sites in the immediate vicinity, so development here is expected to have a positive impact on this objective.		
SA Objective 14: Flooding		SA Judgement:	+
Flood Zone 1:	Predominantly within Flood Zone 1		+
Flood Zone 2:	Partially or entirely within Flood Zone 2		-
Flood Zone 3:	Not within Flood Zone 3		0
GCC flood assessment:	Scored as positive (+) in the GCC flood risk site assessment, which indicates that the site is mainly in Flood Zone 1, but is marginally? Affected by Flood Zones 2, 3a and 3b		+
Objective 14 justification:	The site is located almost entirely within Flood Zone 1, with only a very tiny area of the south western boundary being marginally affected by Flood Zone 2. As such, development here would be expected to have a significant positive impact on this objective.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	Partially on Previously Developed Land		+
Agricultural land classification:	entirely within grade 1, 2 or within grade 3 BMV		-
Site size:	Large (over 5ha)		
Objective 16 justification:	This is a large site (9ha) which is located entirely within grades 2 and 3 agricultural land. However, it already has a small amount of development on site (water reclamation works) so the overall effect of development here is expected to be mixed.		
SA Objective 17: Air quality		SA Judgement:	+
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: CFS1: Site adjacent to Wingmoor Farm West

LUC ID: 998

Area (ha): 8.82

District: Tewkesbury

**GCC strategic
highways assessment:**

**Objective 17
justification:** The site has been assessed as medium by GCC in terms of its proximity to the strategic highways network via the A435, and lies beyond 1km of an AQMA so the effect of development on air quality is expected to be positive.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use cannot be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** +

**GCC sustainable
transport:** Assessed by GCC Highways as having 'medium' or limited potential for sustainable transport +

**Objective 19
justification:** The site has been assessed by GCC as having medium potential for sustainable transport use, so development here is considered to have a positive effect on this objective.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** + +?

Industrial estates: Within or adjacent to existing industrial estate + +?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

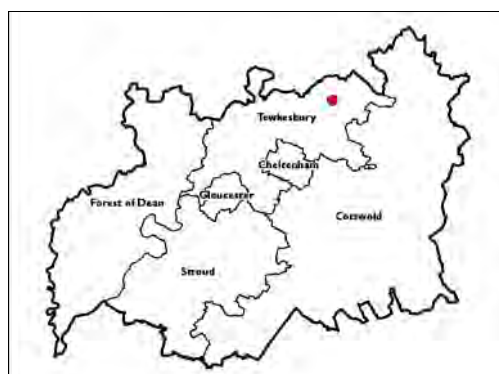
**Objective 22
justification:** This site already has some industrial activity taking place within it so there is potential for a significant positive effect on this objective if energy generated from the waste management process were to be utilised in nearby development. However, this score is uncertain as it is dependent on the type of facility proposed on the site and on the feasibility of incorporating energy use within nearby development, which will not be clear until a later stage.

Site name: CFS2: Toddington Saw Mills

LUC ID: 999

Area (ha): 3.3

District:



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SA Objective 1: Health and well-being		SA Judgement: -?

Existing residential:	Within 250m of existing residential properties	-?
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0

Objective 1 justification: There are a few scattered residential properties out towards the 250m boundary around this site such as Naunton Farm Cottage. As such, development of this site may have a negative impact on health and well-being.

SA Objective 2: Educate and maximise community participation		SA Judgement: +?

Objective 2 justification: Potential indirect positive effect on education opportunities, as new waste facilities may include education centres within the site. If the site were to be allocated for a new household recycling centre then it could also have an indirect positive effect on encouraging involvement and participation in recycling. However, this effect is uncertain at this stage in the planning process.

SA Objective 3: Amenity of local communities		SA Judgement: -

Existing residential:	Within 250m of existing residential properties	-
Proposed residential:	Uncertain due to lack of spatial information	?
Schools:	Over 250m from a school	0
Hospitals:	Over 250m from a hospital	0
Offices:	Over 250m from offices	0
Faith centres:	Over 250m from places of worship	0
Cumulative impacts on community:	More than 250m from existing waste management facility	0

Objective 3 justification: There is potential for some negative impact on the amenity of local communities if this site were to be developed as there are scattered residential properties within 250m of the site boundary. As there is no existing waste management facility within 250m of the site boundary, no cumulative effect is expected.

Site name: CFS2: Toddington Saw Mills

LUC ID: 999

Area (ha): 3.3

District:

SA Objective 4: Sustainable economic development		SA Judgement:	+?
Industrial estates:	Within or adjacent to existing industrial estate		+?
Waste Local plan:	More than 250m from Waste Local Plan site		0
Proximity to existing waste facilities:	More than 250m from existing waste management facility		0
Objective 4 justification:	The site is currently occupied by Cotswold and Vale Fencing Supplies Ltd. As it is already used for industrial purposes, there is potential for development here to have a positive impact on local sustainable economic development if activities complementary to waste management were to be encouraged. The score is uncertain, however, as it will depend on the type of facility proposed on the site and on the nature of neighbouring industrial/commercial outlets.		
SA Objective 5: Manage waste in an economically sustainable way		SA Judgement:	0
Objective 5 justification:	At this stage it is difficult to assess how the location of new large scale waste facilities may affect this SA objective. However it is important to note that certain sites will be more efficient than others (e.g. in terms of reductions in transport movements & costs), given their proximity to the main sources of waste arisings and to transfer stations and/or any other facilities that may service them. Additionally, the type of facilities eventually proposed on sites once allocated in the Waste Core Strategy may differ in terms of cost but this will not be known until the planning application stage.		
SA Objective 6: Employment opportunities		SA Judgement:	-
GCC employee transport:	Assessed as 'low' by GCC Highways in relation to opportunities for future employees to use sustainable transport to travel to the site for work.		-
Objective 6 justification:	This site has been assessed as having low potential for employees to use sustainable modes of transport to and from the site, so development here is expected to have a negative impact on this objective.		
SA Objective 7: Safety of commercial or military aerodromes		SA Judgement:	0
Aerodrome safeguarding area:	Not within aerodrome safeguarding area		0
Objective 7 justification:	The site is located outside of all safeguarding zones, so development here is not expected to have an impact on this objective.		
SA Objective 8: Biodiversity		SA Judgement:	+
SAC:	More than 500m from SAC		0
SPA:	More than 500m from SPA		0
Ramsar:	More than 500m from Ramsar site		0
National Nature Reserve:	More than 500m from NNR		0
SSSI:	More than 500m from SSSI		0
LNR:	More than 500m from LNR		0
Key Wildlife Sites:	More than 500m from Key Wildlife Sites		0
BAP species:	Uncertain due to lack of spatial information		?
BAP habitat:	Uncertain due to lack of spatial information		?

Site name: CFS2: Toddington Saw Mills

LUC ID: 999

Area (ha): 3.3

District:

Ancient woodland:	More than 500m from Ancient Woodland	0
GCC ecology assessment:	Scored as + by GCC Ecologist and GCER	+
Objective 8 justification:	The site lies more than 500m from an local, national or international designated sites and has been assessed by GCC as positive in terms of biodiversity, so development here is expected to have a positive effect on this objective.	
SA Objective 9: Landscape		SA Judgement: - -
Industrial Estates:	Within or adjacent to existing industrial estate	0
AONB:	Within an AONB	- -
Locally designated for landscape quality:	Uncertain due to lack of spatial information	?
Landscape Sensitivity:	Uncertain due to lack of spatial information	?
Objective 9 justification:	Although the site is already used for industrial purposes, it is located within the Cotswolds AONB so development here may have a significant negative impact on the landscape.	
SA Objective 10: Screening and/or innovative design		SA Judgement: -
Prominence:	Partially prominent in the landscape	-
Objective 10 justification:	The GCC assessment found that the site is currently screened by a number of trees and high hedges. As such, the site is expected to be partially prominent in the landscape, which would mean a negative impact on this objective.	
SA Objective 11: Material, cultural and recreational assets		SA Judgement: - -
Open space/recreation/leisure:	Includes a leisure, recreational facility or open space	- -
PROW:	Within 250m of PROW	-
GCC PROW assessment:	Assessed as having no Public Right of Way network present, or presence of a PROW network where there is an opportunity for the existing route to be enhanced	+
Objective 11 justification:	Although the GCC site assessment found that there is no PROW present on the site, they are present within 250m of its boundary and the site includes, and is surrounded by, extensive areas of open space. As such, development of this site is considered to have a significantly negative potential impact on this objective.	
SA Objective 12: Geodiversity		SA Judgement: 0
SSSI:	More than 500m from SSSI	0
RIGGS:	Uncertain due to lack of spatial information	?
Objective 12 justification:	The site is located further than 500m from a SSSI and the GCC site assessment found that there were no recorded geological features on the site or within 250m of its boundary, so development here is not expected to have an impact on geodiversity.	

Site name: CFS2: Toddington Saw Mills

LUC ID: 999

Area (ha): 3.3

District:

SA Objective 13: Heritage		SA Judgement:	- -
Scheduled Ancient Monuments:	More than 100m from a Scheduled Ancient Monument		0
Historic Parks and Gardens:	Within a Historic Park or Garden		- -
Listed Buildings:	More than 100m from a Listed Building		0
Conservation Areas:	Uncertain due to lack of spatial information		?
World Heritage Sites:	More than 250m from a Registered Battlefield		0
GCC Archaeology assessment:	Are assessed by GCC Archaeology Team as double negative (--)		- -
Objective 13 justification:	The site is within the area of English Heritage's Registered Park and Garden of Toddington Manor, and as such it has been assessed as double negative in the GCC archaeology assessment. Development here would therefore be expected to have a significant negative impact on heritage.		
SA Objective 14: Flooding		SA Judgement:	+ +
Flood Zone 1:	Entirely within Flood Zone 1 (not in FZ 2 or 3)		+ +
Flood Zone 2:	Not within Flood Zone 2		0
Flood Zone 3:	Not within Flood Zone 3		0
GCC flood assessment:	Scored very positively in relation to fluvial flood risk (++) by the GCC flood risk site assessment		+ +
Objective 14 justification:	The site lies entirely within Flood Zone 1 and has been assessed by GCC as very positive in terms of flood risk. As such, development here is expected to have a significant positive effect on this objective.		
SA Objective 15: Prevent pollution		SA Judgement:	N/A
Objective 15 justification:	In relation to the location of potential waste sites, potential pollution effects are already covered under SA Objectives 1, 3, 16-18. The precautionary principle is inherently being applied to the site allocation process through the Council's own site assessment methodology and this independent SA of the potential waste sites.		
SA Objective 16: Soil/land quality		SA Judgement:	+/-
Previously developed land:	Partially on Previously Developed Land		+
Agricultural land classification:	entirely within grade 1, 2 or within grade 3 BMV		-
Site size:	Small to medium (less than 5ha)		
Objective 16 justification:	The effect of development at this small site is expected to be mixed as, although the site has been partially developed, it lies entirely on Grade 3 agricultural land.		
SA Objective 17: Air quality		SA Judgement:	+/-
AQMA:	Beyond 1km of Air Quality Management Area (AQMA)		+

Site name: CFS2: Toddington Saw Mills

LUC ID: 999

Area (ha): 3.3

District:

**GCC strategic
highways assessment:**

**Objective 17
justification:** The effect of development at this site on air quality is expected to be mixed as, although the site lies further than 1 km from an AQMA, it has been assessed as poor by GCC in relation to its proximity to the strategic highways network. This means that lorries would have to travel significant distances on smaller local roads, which could impact significantly on air quality.

SA Objective 18: Water quality **SA Judgement:** 0

**Objective 18
justification:** Potential facilities are likely to be in enclosed buildings and therefore have no effect on water quality. Effects on water use can not be determined until the planning application stage.

SA Objective 19: Impacts of lorry traffic **SA Judgement:** -

**GCC sustainable
transport:** Assessed by GCC Highways as having no potential for rail and/or water transport -

**Objective 19
justification:** The site has been assessed by GCC as having no potential for the use of sustainable transport (water or rail based) to and from the site. As such, development here is expected to have a negative effect in terms of the impacts of lorry traffic.

SA Objective 20: Promote the waste hierarchy **SA Judgement:** +

**Objective 20
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 21: Use of primary materials **SA Judgement:** +

**Objective 21
justification:** Potential new facilities should encourage waste management methods higher up the waste hierarchy, which has a positive effect on reducing waste to landfill. However, the specific location of each site has no effect on this objective as effects on this objective depend on the type of facility eventually proposed.

SA Objective 22: Adapt to climate change **SA Judgement:** ++?

Industrial estates: Within or adjacent to existing industrial estate ++?

**Known/proposed
CHP user:** Uncertain due to lack of spatial information ?

**Objective 22
justification:** The site is already used for industrial activities, being occupied by Cotswold & Vale Fencing Supplies Limited. As such, development may here have a significant positive impact on this objective if energy generated from the waste management process were to be utilised within nearby development. However, this score is uncertain as it is dependent on the type of facility proposed on the site and on the feasibility of incorporating energy use within nearby development.